

Technical Support Document for the 2010 Effluent Guidelines Program Plan



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PART I: INTRODUCTION

This document supports the Final 2010 Effluent Guidelines Program Plan. It presents the methodology used to perform the annual reviews of industrial discharges required by the Clean Water Act and the results of the reviews.

1. BACKGROUND

This section explains how the Effluent Guidelines Program fits into EPA’s National Water Program, describes the general and legal background of the Effluent Guidelines Program, and describes EPA’s process for making effluent guidelines revision and development decisions (i.e., effluent guidelines planning).

1.1 EPA’s Clean Water Act Program

EPA’s Office of Water is responsible for developing the programs and tools authorized under the Clean Water Act (CWA), which enables EPA and the states to protect and restore the Nation’s waters. These programs and tools generally rely either on water quality-based controls, such as water quality standards and water quality-based effluent limitations, or technology-based controls, such as effluent guidelines and technology-based effluent limitations.

The CWA gives states the primary responsibility for establishing, reviewing, and revising water quality standards. These standards consist of designated uses for each water body (e.g., fishing, swimming, supporting aquatic life), numeric pollutant concentration limits (“criteria”) to protect those uses, and an antidegradation policy. EPA develops national criteria for many pollutants, which states may adopt or modify as appropriate to reflect local conditions. In a parallel track to water quality standards, EPA also develops technology-based effluent limitation guidelines and standards (ELGs), based on current available technologies. These guidelines and standards are then incorporated into discharge permits as technology-based effluent limitations (U.S. EPA, 1996). While technology-based effluent limitations in discharge permits may be as stringent as or more stringent than water-quality-based effluent limits, the effluent guidelines program is not specifically designed to ensure that the discharge from each facility meets the water quality standards of its receiving water body. For this reason, the CWA also requires states to establish water-quality-based permit limitations, where necessary to attain and maintain water quality standards. These water-quality-based limits may require industrial facilities to meet requirements that are more stringent than those in a national effluent guideline regulation. EPA notes that the various components of water-quality-based permitting (water quality standards, water-quality-based effluent limits, and total maximum daily loads) are in different stages of development nationally and by state, which may result in different levels of protection across states. Therefore, national categorical effluent limitations and standards remain a critical component of EPA’s CWA Program. Consequently, in the overall context of the CWA, effluent guidelines must be viewed as one tool in the broad arsenal of tools Congress provided to EPA and the states to protect and restore the Nation’s water quality.

1.2 Background on the Effluent Guidelines Program

The 1972 CWA marked a distinct change in Congress’s efforts “to restore and maintain the chemical, physical, and biological integrity of the Nation’s waters.” See CWA § 101(a), 33 U.S.C. § 1251(a). Prior to 1972, the CWA relied on “water quality standards.” This approach was challenging, however, because it was very difficult to prove that a specific discharger was responsible for decreasing the water quality of its receiving stream.

The 1972 CWA directed EPA to promulgate effluent guidelines that reflect pollutant reductions that can be achieved by categories or subcategories of industrial point sources. The effluent guidelines are based on specific technologies (including process changes) that EPA identifies as meeting the statutorily prescribed level of control. See CWA sections 301(b)(2), 304(b), 306, 307(b), and 307(c). Unlike other CWA tools, effluent guidelines are national in scope and establish pollution control obligations for all facilities that discharge wastewater within an industrial category or subcategory. In establishing these controls, EPA assesses: (1) the performance and availability of the best pollution control technologies or pollution prevention practices for an industrial category or subcategory as a whole; (2) the economic achievability of those technologies, which can include consideration of costs, effluent reduction benefits, and affordability of achieving the reduction in pollutant discharge; (3) non-water-quality environmental impacts (including energy requirements); and (4) such other factors as the EPA Administrator deems appropriate.

Creating a single national pollution control requirement for each industrial category based on the best technology the industry could afford was seen by Congress as a way to reduce the potential creation of “pollution havens” and to set the Nation’s sights on attaining the highest possible level of water quality. Consequently, EPA’s goal in establishing national effluent guidelines is to ensure that industrial facilities with similar characteristics, regardless of their location or the nature of their receiving water, will at a minimum meet similar effluent limitations representing the performance of the best pollution control technologies or pollution prevention practices.

Unlike other CWA tools, effluent guidelines provide the opportunity to promote pollution prevention and water conservation. This may be particularly important in controlling persistent, bioaccumulative, and toxic pollutants discharged in concentrations below analytic detection levels. Effluent guidelines also control pollutant discharges at the point of discharge from industrial facilities and cover discharges directly to surface water (direct discharges) and discharges to publicly owned treatment works (POTWs) (indirect discharges). For industrial dischargers to POTWs, this can have the added benefit of preventing the untreated discharge of pollutants to groundwater from leaking sewer pipes or to surface waters due to combined sewer overflows.

1.3 What Are Effluent Limitation Guidelines and Pretreatment Standards?

The national clean water industrial regulatory program is authorized under sections 301, 304, 306, and 307 of the CWA.

The CWA directs EPA to promulgate ELGs through six levels of control:

1. Best practicable control technology currently available (BPT);
2. Best available control technology economically achievable (BAT);
3. Best conventional control technology (BCT);
4. New source performance standards (NSPS);
5. Pretreatment standards for existing sources (PSES); and
6. Pretreatment standards for new sources (PSNS).

For point sources that discharge pollutants directly into the waters of the United States (direct dischargers), the limitations and standards promulgated by EPA are implemented through

National Pollutant Discharge Elimination System (NPDES) permits. See CWA sections 301(a), 301(b), and 402. For sources that discharge to POTWs (indirect dischargers), EPA promulgates pretreatment standards that apply directly to those sources and are enforced by POTWs and state and federal authorities. See CWA sections 307(b) and (c). Figure 1-1 illustrates the relationship between the regulation of direct and indirect dischargers.

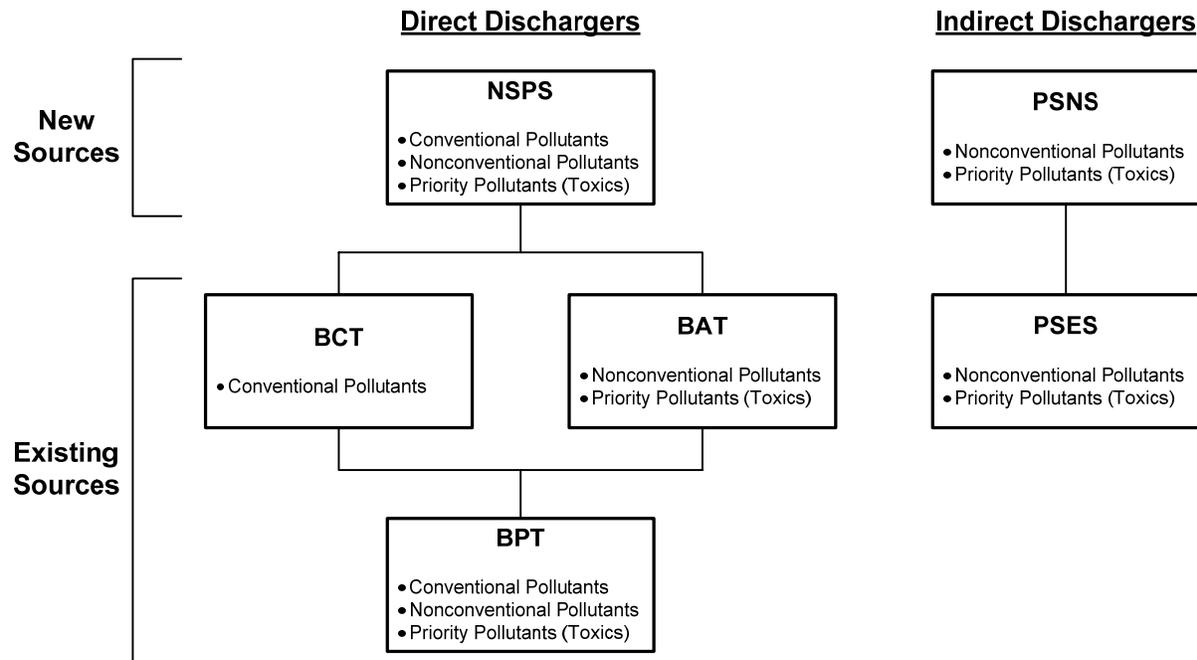


Figure 1-1. Regulations of Direct and Indirect Wastewater Discharges

1.3.1 Best Practicable Control Technology Currently Available (BPT) — CWA Sections 301(b)(1)(A) and 304(b)(1)

EPA develops effluent limitations based on BPT for conventional, toxic, and nonconventional pollutants. Section 304(a)(4) designates the following as conventional pollutants: biochemical oxygen demand (BOD₅), total suspended solids, fecal coliform, pH, and any additional pollutants defined by the Administrator as conventional. The Administrator designated oil and grease as an additional conventional pollutant on July 30, 1979. See 44 FR 44501 (July 30, 1979). EPA has identified 65 pollutants and classes of pollutants as toxic pollutants, of which 126 specific substances have been designated priority toxic pollutants. See Appendix A to Part 423, reprinted after 40 CFR Part 423.17. All other pollutants are considered to be nonconventional.

In specifying BPT, EPA looks at a number of factors. EPA first considers the total cost of applying the control technology in relation to the effluent reduction benefits. The Agency also considers the age of the equipment and facilities, the processes employed and any required process changes, engineering aspects of the control technologies, non-water-quality environmental impacts (including energy requirements), and such other factors the EPA Administrator deems appropriate. See CWA section 304(b)(1)(B). Traditionally, EPA establishes BPT effluent limitations based on the average of the best performances of facilities within the industry of various ages, sizes, processes, or other common characteristics. Where existing

performance is uniformly inadequate, BPT may reflect higher levels of control than currently in place in an industrial category if the Agency determines that the technology can be applied practically.

1.3.2 Best Conventional Pollutant Control Technology (BCT) — CWA Sections 301(b)(2)(E) and 304(b)(4)

The 1977 amendments to the CWA required EPA to identify effluent reduction levels for conventional pollutants associated with BCT for discharges from existing industrial point sources. In addition to the other factors specified in section 304(b)(4)(B), the CWA requires that EPA establish BCT limitations after consideration of a two-part “cost-reasonableness” test. EPA explained its methodology for the development of BCT limitations in 1986. See 51 FR 24974 (July 9, 1986).

1.3.3 Best Available Technology Economically Achievable (BAT) — CWA Sections 301(b)(2)(A) and 304(b)(2)

For toxic pollutants and nonconventional pollutants, EPA promulgates effluent guidelines based on BAT. See CWA sections 301(b)(2)(C), (D), and (F). The factors considered in assessing BAT include the cost of achieving BAT effluent reductions, the age of equipment and facilities involved, the process employed, potential process changes, non-water-quality environmental impacts (including energy requirements), and such other factors the EPA Administrator deems appropriate. See CWA section 304(b)(2)(B). The technology must also be economically achievable. See CWA section 301(b)(2)(A). In addition to end-of-pipe wastewater treatment, BAT limitations may be based on effluent reductions attainable through changes in a facility’s processes and operations. Where existing performance is uniformly inadequate, BAT may reflect a higher level of performance than is currently being achieved within a particular subcategory based on technology transferred from a different subcategory or category. BAT may be based upon process changes or internal controls, even when these technologies are not common industry practice.

1.3.4 New Source Performance Standards (NSPS) — CWA Section 306

NSPS reflect effluent reductions that are achievable based on the best available demonstrated control technology. New sources have the opportunity to install the best and most efficient production processes and wastewater treatment technologies. As a result, NSPS should represent the most stringent controls attainable through the application of the best available demonstrated control technology for all pollutants (i.e., conventional, nonconventional, and priority pollutants). In establishing NSPS, EPA is directed to take into consideration the cost of achieving the effluent reduction and any non-water-quality environmental impacts and energy requirements.

1.3.5 Pretreatment Standards for Existing Sources (PSES) — CWA Section 307(b)

PSES apply to indirect dischargers and are designed to prevent the discharge of pollutants that pass through, interfere with, or are otherwise incompatible with the operation of POTWs, including wastewater conveyance and sludge disposal. Pretreatment standards are technology-based and are analogous to BAT effluent limitations guidelines.

The General Pretreatment Regulations, which set forth the framework for implementing national pretreatment standards, are found at 40 CFR Part 403.

1.3.6 Pretreatment Standards for New Sources (PSNS) — CWA Section 307(c)

Like PSES, PSNS apply to indirect dischargers and are designed to prevent the discharges of pollutants that pass through, interfere with, or are otherwise incompatible with the operation of POTWs. PSNS are to be issued at the same time as NSPS. New indirect dischargers have the opportunity to incorporate into their plants the best available demonstrated technologies. The Agency considers the same factors in promulgating PSNS as it considers in promulgating NSPS.

1.4 Success of EPA’s Effluent Guidelines Program

The Effluent Guidelines Program has helped reverse the water quality degradation that accompanied industrialization in this country. Permits developed using the technology-based industrial regulations are a critical element of the Nation’s clean water program and reduce the discharge of pollutants that have serious environmental impacts, including pollutants that:

- Kill or impair fish and other aquatic organisms;
- Cause human health problems through contaminated water, fish, or shellfish; and
- Degrade aquatic ecosystems.

EPA has issued effluent guidelines for 57 industrial categories and these regulations apply to between 35,000 and 45,000 facilities that discharge directly to the Nation’s waters, as well as another 12,000 facilities that discharge to POTWs. These regulations have prevented the discharge of more than 700 billion pounds of toxic pollutants each year.

1.5 What Are EPA’s Effluent Guidelines Planning and Review Requirements?

In addition to establishing new regulations, the CWA also requires EPA to review existing effluent guidelines annually. EPA reviews all point source categories subject to existing effluent guidelines and pretreatment standards to identify potential candidates for revision, as required by CWA sections 304(b), 301(d), 304(g), and 307(b). This document explains how EPA uses reported discharge data and other factors to conduct this review. EPA also reviews industries consisting of direct discharging facilities not currently subject to effluent guidelines to identify potential candidates for effluent guidelines rulemakings, as required by CWA section 304(m)(1)(B). Finally, EPA reviews industries consisting entirely or almost entirely of indirect discharging facilities that are not currently subject to pretreatment standards to identify potential candidates for pretreatment standards development, as required by CWA sections 304(g) and 307(b).

CWA section 304(m)(1)(A) requires EPA to publish an Effluent Guidelines Program Plan (Plan) every two years that establishes a schedule for the annual review and revision, in accordance with section 304(b), of the effluent guidelines that EPA has promulgated under that section. EPA’s Final 2010 Plan presents the results of the section 304(b) reviews. The schedule is as follows: EPA will coordinate its annual review of existing effluent guidelines under section 304(b) with its publication of the preliminary and final Plans under CWA section 304(m). In other words, in odd numbered years, EPA intends to complete its annual review upon publication

of the preliminary Plan that EPA must publish for public review and comment under CWA section 304(m)(2). In even numbered years, EPA intends to complete its annual review upon the publication of the final Plan. EPA's 2010 annual review is the review cycle ending upon the publication of this Final 2010 Plan.

EPA is coordinating its annual reviews under section 304(b) with publication of Plans under section 304(m) for several reasons. First, the annual review is inextricably linked to the planning effort, because the results of each annual review can inform the content of the preliminary and final Plans (e.g., by identifying candidates for ELG revision for which EPA can schedule rulemaking in the Plan, or by identifying point source categories for which EPA has not promulgated effluent guidelines). Second, even though not required to do so under either section 304(b) or section 304(m), EPA believes that the public interest is served by periodically presenting to the public a description of each annual review (including the review process used) and the results of the review. Doing so at the same time EPA publishes preliminary and final Plans makes both processes more transparent. Third, by requiring EPA to review all existing effluent guidelines each year, Congress appears to have intended that each successive review would build upon the results of earlier reviews. Therefore, by describing the 2010 annual review along with the Final 2010 Plan, EPA hopes to gather and receive data and information that will inform its reviews for 2011 and the Preliminary 2012 Plan.

1.6 Background References

1. U.S. EPA. 1996. *U.S. EPA NPDES Permit Writers' Manual*. Washington, DC. (December). EPA-833-B-96-003. Available online at: http://cfpub.epa.gov/npdes/writermanual.cfm?program_id=45.

2. PUBLIC COMMENTS ON THE FINAL EFFLUENT GUIDELINES PROGRAM PLAN FOR 2008 AND PRELIMINARY 2010 EFFLUENT GUIDELINES PROGRAM PLAN

EPA published its Preliminary 2010 Effluent Guidelines Program Plan (Preliminary 2010 Plan) on December 28, 2009 (74 FRN 68599) and requested comments on various aspects of its analyses, data, and information to inform its 2010 annual review and two detailed studies. The Agency received five comments on the Final 2008 Plan and 51 comments on the Preliminary 2010 Plan. Table 2-1 lists the commenters as well as a synopsis of the comments.

**Table 2-1. Comments on the Final 2008 and Preliminary 2010 Effluent Guidelines Program Plans
EPA Docket Number: EPA-HQ-OW-2008-0517**

| No. | Commenter Name | EPA Docket No. | Comment Summary |
|-----|--|----------------|--|
| 1 | Deborah Goldberg (Earthjustice) | 0045 | General comments in favor of creating ELGs for a subcategory to Oil and Gas Extraction (40 CFR Part 435) for wastewater from oil and gas drilling, hydraulic fracturing to retrieve shale gas, and extraction for all oil and gas exploration, rather than focusing on coalbed methane (CBM) extraction. Recommends zero discharge of all related wastewater. |
| 2 | Lisa Widawsky (Environmental Integrity Project) | 0046 | General comments in favor of creating ELGs for toxic metals from coal combustion wastes at Steam Electric Power Generating plants (40 CFR Part 423). Recommends zero discharge from scrubber and ash transport systems as BAT because it has been achieved by sources in the industry. |
| 3 | Nancy Stewart and Margie Parsley (League of Women Voters of Tennessee) | 0047 | General comments in favor of revising Steam Electric Power Generating ELGs (40 CFR Part 423) and containment guidelines for coal-ash impoundments. Recommend including inspection and monitoring for structural integrity, capping to prevent overflows, composite liners to prevent seepage, monitoring for heavy metals and other pollutants in nearby surface waters, and phase-out of wet ash storage systems. |
| 4 | Abigail Dillen (Earthjustice) | 0048 | General comments in favor of revising the Steam Electric Power Generating ELGs (40 CFR Part 423). Recommends eliminating all pollutant discharges from scrubber and ash handling systems and all discharge of leachate from land-based coal combustion waste disposal. |
| 5 | Doug Morris (American Petroleum Institute) | 0049 | General comments to provide helpful regulatory and scientific background to EPA in response to comments submitted by Earthjustice (EPA-HQ-OW-2008-0517-0045) regarding creating ELGs for a subcategory of Oil and Gas Extraction (40 CFR Part 435) for wastewater from oil and gas drilling, hydraulic fracturing to retrieve shale gas, and extraction for all oil and gas exploration, rather than focusing on coalbed methane (CBM) extraction. |
| 6 | Russel F. Mankes (Albany Medical Center) | 0523 | Recommends considering the results of a two-year study funded by U.S. EPA Region 2 on pharmaceutical waste disposal for consideration of best practices, numeric data, and real-world solutions diverting pharmaceuticals from wastewater. |
| 7 | Edward Berbaum | 0524 | Opposes hydraulic fracturing to retrieve shale gas activities that may impact water quality due to drilling for natural gas in Dimock, PA. |
| 8 | Roger Graham | 0525 | Opposes the Chesapeake Appalachian Gas Company dumping wastewater related to hydraulic fracturing to retrieve shale gas in the well near Keuka Lake in NY. |
| 9 | Jeff Bong | 0526 | Opposes the application of Chesapeake Appalachian Gas Company to store drilling wastewater in the Finger Lakes Region of NY because of possible contamination of ground and surface water resulting from hydraulic fracturing to retrieve shale gas. |

**Table 2-1. Comments on the Final 2008 and Preliminary 2010 Effluent Guidelines Program Plans
EPA Docket Number: EPA-HQ-OW-2008-0517**

| No. | Commenter Name | EPA Docket No. | Comment Summary |
|-----|---|----------------|---|
| 10 | Warren Cole | 0527 | Opposes storing wastewater from hydraulic fracturing to retrieve shale gas near the Keuka Lake in NY. Recommends requiring a 10-mile, or more, distance away from the Finger Lakes for storing wastewater. |
| 11 | Bill Hawley (Tompkins County Senior Citizens' Council Inc.) | 0528 | Supports programs that will make it easier and more accessible for the general public and small long-term care facilities to properly dispose of unwanted pharmaceuticals. |
| 12 | Gail Connally | 0529 | Opposes storing toxic water from hydraulic fracturing to retrieve shale gas in Pulteney, NY near Keuka Lake. |
| 13 | Keith and Annette Toaspern | 0530 | Recommends expanding the CBM Detailed Study to include all oil and gas exploration, stimulation, and extraction techniques, including hydraulic fracturing, to retrieve shale gas in all formations. Specifically have concerns about storing wastewater near Keuka Lake in NY. |
| 14 | Eunice Alexander | 0531 | Recommends expanding the CBM Detailed Study to include hydraulic fracturing to retrieve shale gas. |
| 15 | Ed Gottlieb (Ithaca Area Wastewater Treatment Facility) | 0532 | Supports changes that would allow health care facilities an alternative to flushing unused pharmaceuticals. |
| 16 | Dennis Kucinich (Michigan Department of Natural Resources and Environment) | 0533 | Supports efforts to develop proper disposal of unused pharmaceuticals. Recommends EPA reconsider and regulate dental mercury. Recommends EPA reexamine Metal Finishing (40 CFR Part 433) and Electroplating (40 CFR Part 413) ELGs because of new chemical formulas, pollutants of concern, and treatment technologies. |
| 17 | Ken Harward (Association of Idaho Cities) | 0534 | Supports adopting best management practices for the proper disposal of unused pharmaceuticals. Recommends EPA regulate unused pharmaceuticals. |
| 18 | Bernard Handler | 0535 | Recommends EPA examine hydraulic fracturing to retrieve shale gas. |
| 19 | Mary Sweeny | 0536 | Recommends expanding the CBM Detailed Study to include hydraulic fracturing to retrieve shale gas in all formations, including Barnett and Marcellus Shales. |
| 20 | John Wagner (Wyoming Department of Environmental Quality) | 0537 | Recommends that, if it proceeds with CBM ELGs EPA include CBM discharges in the Oil and Gas Extraction Subpart E applicability (40 CFR Part 435). |
| 21 | Laurie Tenace (Florida Department of Environmental Protection) | 0538 | General comments in support of EPA's unused pharmaceuticals detailed study and information about Florida Department of Environmental Protection guidelines for disposal of unused pharmaceuticals. |

**Table 2-1. Comments on the Final 2008 and Preliminary 2010 Effluent Guidelines Program Plans
EPA Docket Number: EPA-HQ-OW-2008-0517**

| No. | Commenter Name | EPA Docket No. | Comment Summary |
|-----|--|----------------|---|
| 22 | Bob LeResche (Powder River Basin Resource Council) | 0539 | Supports moving forward with the CBM ELGs along with including all oil and gas exploration, stimulation, and extraction techniques that result in surface or groundwater pollution. |
| 23 | V. Bruce Thompson (American Exploration and Production Council) | 0540 | Opposes EPA's CBM Detailed Study becoming an ELG and opposes expanding the scope of the detailed study to include other oil and gas extraction activities. |
| 24 | Cynthia Finley (National Association of Clean Water Agencies) | 0541 | General comments in support of EPA's unused Pharmaceuticals Detailed Study. |
| 25 | Marcia English | 0542 | Recommends EPA examine hydraulic fracturing to retrieve shale gas, particularly in the Marcellus Shale basin. |
| 26 | Justine Coffey, JD, LLM (American Society of Health-System Pharmacists) | 0543 | Recommends EPA reconsider using a survey to collect information on unused pharmaceuticals management. Provided additional information about unused pharmaceuticals management. |
| 27 | Becky Jayne (Illinois Environmental Protection Agency) | 0544 | Indicates the Quicksilver Caucus Dental Work Group will provide comments at a later date. |
| 28 | Jen Jackson (Bay Area Pollution Prevention Group) | 0545 | Supports moving forward with an ELG for unused pharmaceuticals to limit disposal in the sanitary sewer. |
| 29 | Les and Sheryl Rosenbloom | 0546 | Oppose trucking toxic wastewater from hydraulic fracturing to retrieve Marcellus Shale gas in Pennsylvania to store near Keuka Lake in NY. |
| 30 | Angie Burekhalter (Oklahoma Independent Petroleum Association) | 0547 | Opposes moving forward with ELGs for CBM and expanding the CBM Detailed Study to include all oil and gas exploration, stimulation, and extraction. |
| 31 | S. J. Tatham | 0548 | Supports expanding the CBM Detailed Study to include all oil and gas exploration, stimulation, and extraction, including hydraulic fracturing to retrieve shale gas. |
| 32 | Lee Fuller (Independent Petroleum Association of America) | 0549 | Opposes moving forward with ELGs for CBM. |
| 33 | Karen Bennett (National Mining Association) | 0550 | Opposes moving forward with a preliminary study of the Ore Mining and Dressing ELGs (40 CFR Part 440). |

**Table 2-1. Comments on the Final 2008 and Preliminary 2010 Effluent Guidelines Program Plans
EPA Docket Number: EPA-HQ-OW-2008-0517**

| No. | Commenter Name | EPA Docket No. | Comment Summary |
|-----|---|----------------|--|
| 34 | Charlie Burd (Independent Oil and Gas Association of West Virginia, Inc.) | 0551 | Opposes expanding the CBM Detailed Study to include all oil and gas exploration and production. |
| 35 | Thomas Curtis (American Water Works Association) Diane VanDe Hei (Association of Metropolitan Water Agencies) | 0552 | General comments on the Effluent Guidelines Program Plan. Supports the CBM Detailed Study and review of hydraulic fracturing to retrieve shale gas. |
| 36 | Elizabeth Tatham (Delaware River Basin Commission) | 0553 | Opposes the practice of hydraulic fracturing to retrieve shale gas because of risks to drinking water aquifers from fracking fluid and discharges to surface water. Supports designating special protected areas as off limits to mining and other industrial use. |
| 37 | Jay Watson (King County) | 0554 | Provided information on best management practices (BMPs) for unused pharmaceuticals. |
| 38 | Kate Cain-Bell | 0555 | Opposes hydraulic fracturing to retrieve shale gas in Pennsylvania because of harm to human health and the environment. |
| 39 | Winfield Tatham | 0556 | Opposes hydraulic fracturing to retrieve shale gas in Pennsylvania because of harm to human health and the environment. |
| 40 | Barbara Bickford and Charles Schuler (Wisconsin Department of Natural Resources) | 0557 | Support developing BMPs for unused pharmaceuticals to safeguard public health. Encourage streamlining federal regulations to minimize generation of unused pharmaceuticals. Support expanding the EPA Pharmaceuticals Detailed Study to include unused pharmaceutical disposal from homes and agriculture. Support expanding the EPA detailed study to quantify volumes of pharmaceuticals excreted versus disposed as unused. |
| 41 | Mark Fix (Northern Plains Resource Council) | 0558 | Supports developing ELGs for both CBM and hydraulic fracturing to retrieve shale gas. |
| 42 | David Templet (Chesapeake Energy Corporation) | 0559 | Opposes developing ELGs for hydraulic fracturing to retrieve shale gas. |
| 43 | Jennifer Peterson (Environmental Integrity Project, Defenders of Wildlife, Earthjustice, and Sierra Club) | 0560 | Supports EPA's selection of Steam Electric Power Generating for revised rulemaking but suggests expedited schedule for revisions. |

Table 2-1. Comments on the Final 2008 and Preliminary 2010 Effluent Guidelines Program Plans
EPA Docket Number: EPA-HQ-OW-2008-0517

| No. | Commenter Name | EPA Docket No. | Comment Summary |
|-----|---|------------------|---|
| 44 | Sarah Eckel (Citizens Campaign for the Environment) | 0561 and 0565 | Supports developing ELGs for all oil and gas exploration, stimulation, and extraction techniques in a detailed study, including a study of environmental impacts. Requests EPA explore potential for contamination surrounding underground injection disposal for the waste fluids from oil and gas exploration, stimulation, and extraction. |
| 45 | John Smillie (The Western Organization of Resource Councils) | 0562 | Supports developing ELGs for all oil and gas exploration, stimulation, and extraction techniques in a detailed study, including hydraulic fracturing to retrieve shale gas. |
| 46 | Cynthia Miles (Utility Water Act Group) | 0563 | Opposes revising the Steam Electric Power Generating Point Source Category (40 CFR Part 423). |
| 47 | Deborah Goldberg (Earthjustice) | 0564 | Supports developing ELGs for both CBM and hydraulic fracturing. |
| 48 | Scott Thomas (Fennemore Craig, P.C.) | 0566 | Opposes revising ELGs for the Ore Mining and Dressing Category (40 CFR Part 440). |
| 49 | B. Arrindell (Damascus Citizens for Sustainability) | 0567 | Opposes the process of hydraulic fracturing to retrieve shale gas because of risks to drinking water aquifers from fracking fluid and discharges to surface water. |
| 50 | Kathleen Sgamma (Independent Petroleum Association of Mountain States) | 0568 | Opposes developing ELGs to regulate CBM produced water discharges. |
| 51 | Leroy Sprang (Northern Cheyenne Tribe) | 0569 | Opposes developing ELGs to regulate CBM-produced water discharges and to allow state specific regulation. |
| 52 | Erik Milito (American Petroleum Institute) | 0570 | Opposes developing ELGs to regulate CBM-produced water discharges. |
| 53 | Charlotte Smith (PharmEcology Services Waste Management) | 0571 | Provides information on BMPs for unused pharmaceuticals handling and disposal. |
| 54 | Gayle Gray (Rx Rescue LLC) | 0572 | Provides information on BMPs for unused pharmaceuticals handling and disposal. |
| 55 | Mark McDermid (Wisconsin Department of Natural Resources) | 0573 | Supports developing an ELG to regulate dental amalgam discharges from dentists' offices. |

3. THE EFFLUENT GUIDELINES PLANNING PROCESS

This section provides a general overview of the process EPA used in 2010 to identify industrial categories for potential development of new or revised effluent limitations guidelines and pretreatment standards (ELGs). This process consisted of: (1) annual review of existing ELGs to identify candidates for revision; (2) identification of new categories of direct dischargers for possible development of effluent guidelines; and (3) identification of new categories of indirect dischargers for possible development of pretreatment standards. Each of these components is illustrated in Figure 3-1 through Figure 3-3 and discussed below.

3.1 Goals of the Effluent Guidelines Planning Process

In the effluent guidelines planning process, EPA is guided by the following goals:

- Restore and maintain the chemical, physical, and biological integrity of the Nation's waters; and
- Provide transparent decision-making and involve stakeholders early and often during the planning process.

3.2 Annual Review of Existing Effluent Guidelines and Pretreatment Standards

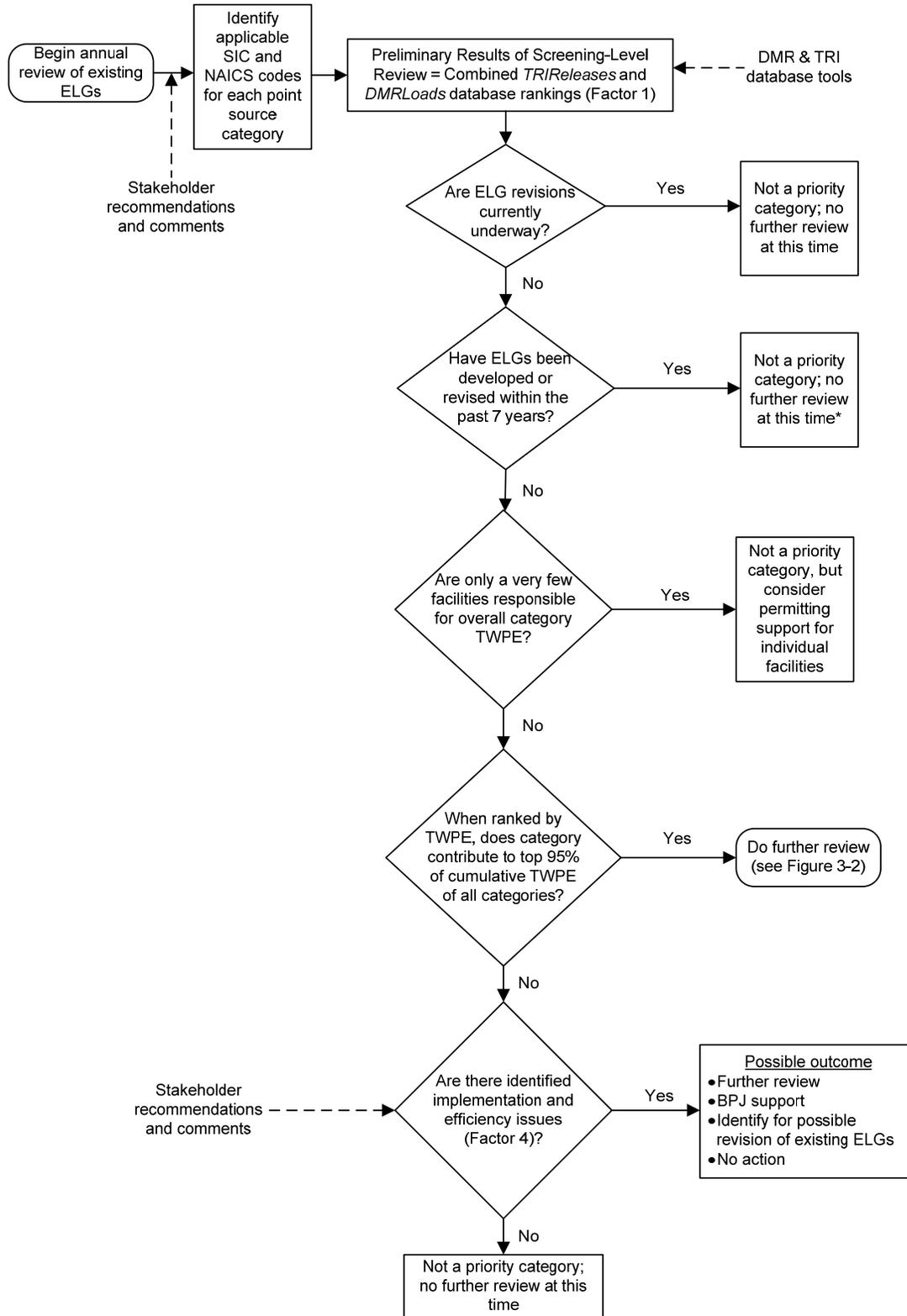
This section describes the four factors used (Section 3.2.1) and how they are used (Section 3.2.2) in the annual review of existing effluent guidelines and pretreatment standards.

3.2.1 *Factors Considered in Review of Existing Effluent Guidelines and Pretreatment Standards*

EPA uses four major factors in prioritizing existing effluent guidelines or pretreatment standards for possible revision.

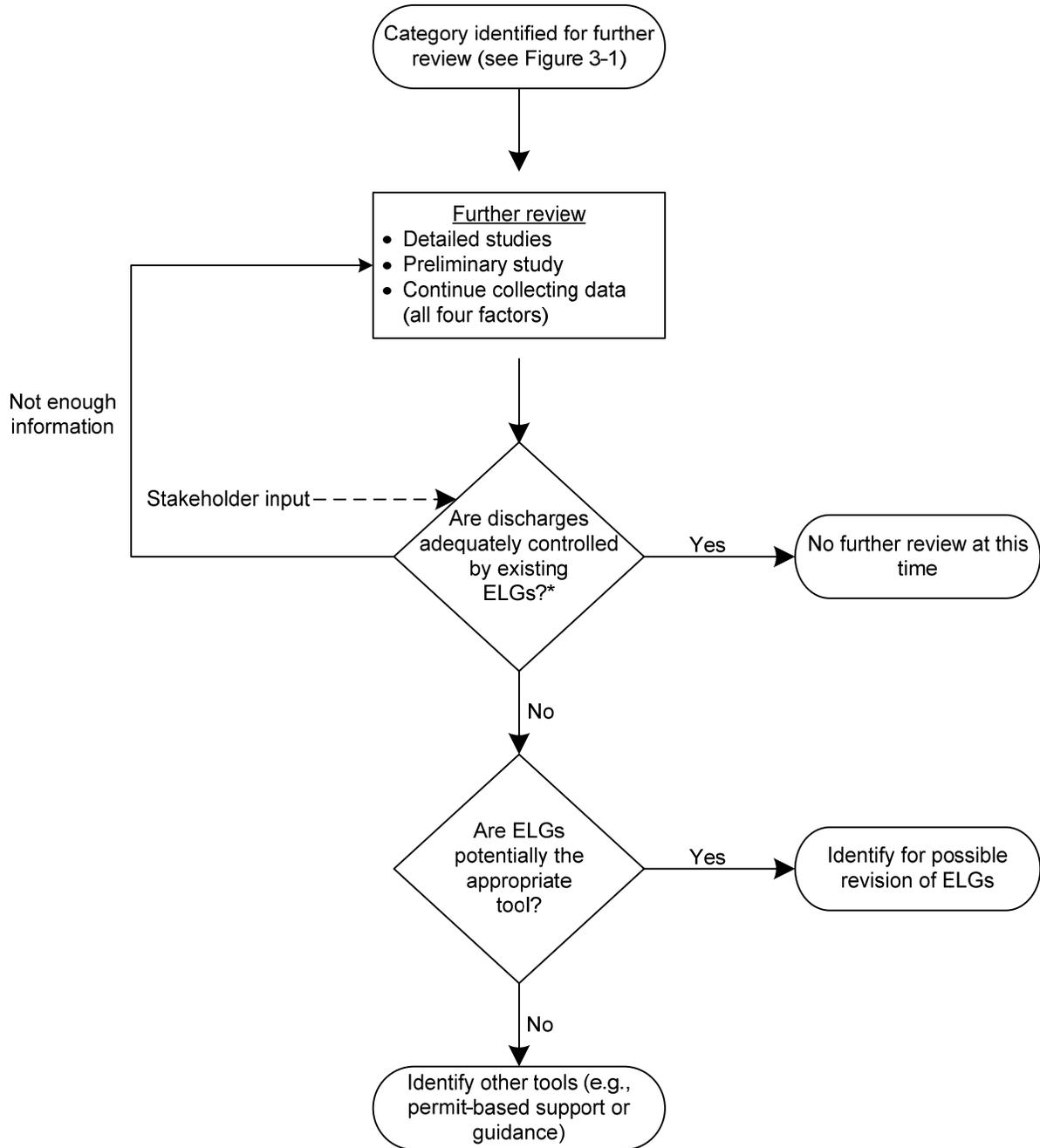
The first factor EPA considers is the amount and type of pollutants in an industrial category's discharge and the relative hazard posed by that discharge. Using this factor enables the Agency to set priorities for rulemaking to achieve the greatest environmental and health benefits. EPA estimates the potential hazard of pollutant discharges in terms of toxic-weighted pound equivalents (TWPE), discussed in detail in Section 4.1.3. To assess the effectiveness of pollution control, EPA examines the removal of pollutants in terms of pounds and TWPE.

The second factor EPA considers is the performance and cost of applicable and demonstrated wastewater treatment technologies, process changes, or pollution prevention alternatives that could effectively reduce the concentrations of pollutants in the industrial category's wastewater and, consequently, reduce the hazard to human health or the environment associated with these pollutant discharges.



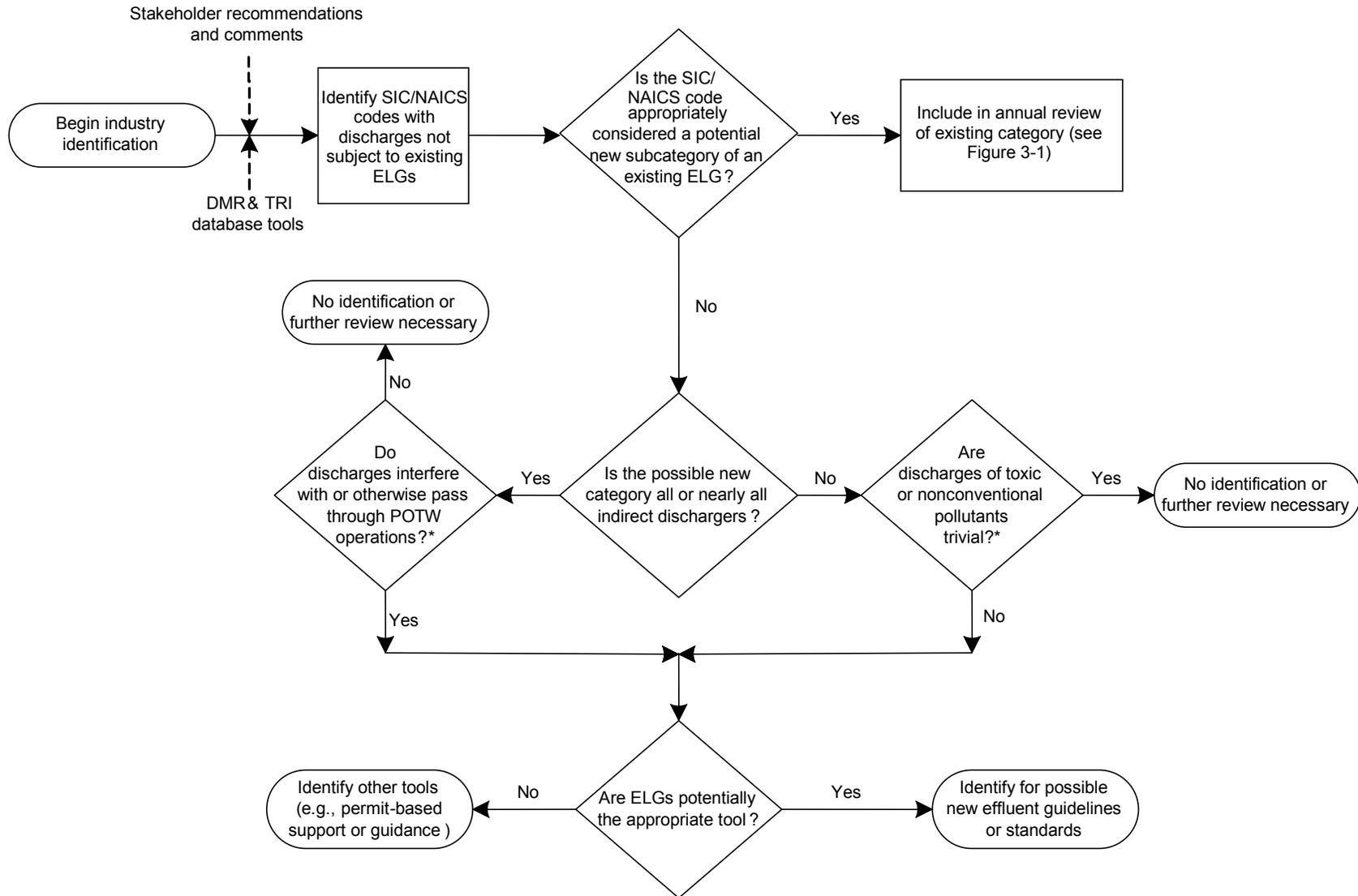
*If EPA is aware of new segment growth within such a category or new concerns are identified, EPA may do further review.

Figure 3-1. Flow Chart of Annual Review of Existing ELGs



*Continue further review if not enough data

Figure 3-2. Flow Chart of Further Review of Existing ELGs



*Continue further review if not enough data.

Figure 3-3. Flow Chart of Identification of Possible New ELGs

The third factor EPA considers is the affordability or economic achievability of the wastewater treatment technology, process change, or pollution prevention measures identified using the second factor. If the financial condition of the industry indicates that it would be difficult to implement new requirements, EPA might conclude that it would be more cost-effective to develop less expensive approaches to reduce pollutant loadings that would better satisfy applicable statutory requirements.

The fourth factor EPA considers is an opportunity to eliminate inefficiencies or impediments to pollution prevention or technological innovation, or opportunities to promote innovative approaches such as water quality trading, including within-plant trading. This factor might also prompt EPA, during an annual review, to decide against revising an existing set of effluent guidelines or pretreatment standards where the pollutant source is already efficiently and effectively controlled by other regulatory or nonregulatory programs.

3.2.2 Overview: Review of Existing Point Source Categories

EPA has established ELGs to regulate wastewater discharges from 57 point source categories and must annually review the ELGs for all of these categories. EPA first conducts a screening-level review of all categories subject to existing ELGs to prioritize the categories for further review. The Agency then conducts another review, either an in-depth “detailed study” or a somewhat less detailed “preliminary category review,” to identify existing categories for potential ELGs revision.

3.2.2.1 Screening-Level Review

The screening-level review is the first step in EPA’s annual review. Section 4 provides details on the database methodology used in the screening-level review. EPA uses this step to prioritize categories for further review. In conducting the screening-level review, EPA considers the amount and toxicity of the pollutants in a category’s discharge and the extent to which these pollutants may pose a hazard to human health or the environment (Factor 1).

EPA conducts its screening-level review using data from the Toxics Release Inventory (TRI) and data from discharge monitoring reports (DMR) contained in the Permit Compliance System (PCS) and Integrated Compliance Information System - National Pollutant Discharge Elimination System (ICIS-NPDES). EPA combines the DMR data from both PCS and ICIS-NPDES in a database called *DMRLoads*. The *Revised Quality Assurance Project Plan for the 2009 Annual Screening-Level Analysis of TRI, ICIS-NPDES, and PCS Industrial Category Discharge Data* describes in detail the quality criteria EPA used to evaluate the TRI and DMR data (ERG, 2009). TRI and DMR data do not identify the effluent guideline(s) applicable to a particular facility. However, TRI includes information on a facility’s North American Industry Classification System (NAICS) code, while DMR data include information on a facility’s Standard Industrial Classification (SIC) code. Therefore, the first step in EPA’s screening-level review is to relate each SIC and NAICS code to an industrial category.¹ The second step is to use the information reported in TRI and DMR, for a specified year, to calculate the annual pollutant discharges in pounds, including toxic, nonconventional, and conventional pollutants. For indirect

¹ For more information on how EPA related each SIC and NAICS code to an industrial category, see Section 5.0 of the *2009 Technical Support Document for the Annual Review of Existing Effluent Guidelines and Identification of Potential New Point Source Categories* (U.S. EPA, 2009).

dischargers, EPA adjusts the facility discharges to account for removals at the publicly owned treatment works (POTW). The third step is to apply toxic weighting factors (TWFs)² to the annual pollutant discharges to calculate the total discharge of toxic and nonconventional pollutants (reported in units of TWPE). EPA then sums the TWPE for each facility in a category to calculate a total TWPE per category for that year. EPA calculates two TWPE estimates for each category: one based on data in TRI and one based on DMR data. EPA combines the estimated discharges of toxic and nonconventional pollutants calculated from TRI and DMR data to estimate a single TWPE value for each industrial category. EPA took this approach because it found that combining the TWPE estimates from TRI and DMR data into a single TWPE number offered a clearer perspective of the industries with the most toxic pollution.³

EPA then ranks point source categories according to their total TWPE discharges. In identifying categories for further review, EPA prioritizes categories accounting for 95 percent of the cumulative TWPE from the combined databases (see Section 5.3). Illustrated in Figure 3-1, EPA also excludes from further review categories for which an effluent guidelines rulemaking is currently underway or for which effluent guidelines have been promulgated or revised within the past seven years. EPA chose seven years because this is the typical length of time for the effects of effluent guidelines or pretreatment standards to be fully reflected in pollutant loading data and TRI reports. EPA also considers the number of facilities responsible for the majority of the estimated toxic-weighted pollutant discharges associated with an industrial activity. Where only a few facilities in a category account for the vast majority of toxic-weighted pollutant discharges, EPA typically does not prioritize the category for additional review. In this case, EPA believes that revising individual permits may be more effective in addressing the toxic-weighted pollutant discharges than a national effluent guidelines rulemaking because requirements can be better tailored to these few facilities and because individual permitting actions may take considerably less time than a national rulemaking.

3.2.2.2 Further Review

Based on its screening-level review of all point source categories, EPA prioritizes certain categories for further review to determine whether it would be appropriate for EPA to identify those categories in the final Plan for potential effluent guidelines revision. EPA typically conducts two types of further review: detailed studies and preliminary reviews. EPA selects categories for further review based on the screening-level review and/or stakeholder input.

EPA's detailed studies generally examine the following: (1) wastewater characteristics and pollutant sources; (2) the pollutants driving the toxic-weighted pollutant discharges; (3) availability of pollution prevention and treatment; (4) the geographic distribution of facilities in the industry; (5) any pollutant discharge trends within the industry; and (6) any relevant economic factors. First, EPA attempts to verify the screening-level results and to fill in data gaps (Factor 1). Next, EPA considers costs and performance of applicable and demonstrated

² For more information on toxic weighting factors, see *Toxic Weighting Factor Development in Support of CWA 304(m) Planning Process* (U.S. EPA, 2006).

³ Different pollutants may dominate the TRI and DMR TWPE estimates for an industrial category due to the differences in pollutant reporting requirements between the TRI and DMR databases. The single TWPE number for each category highlights those industries with the most toxic discharge data in both TRI and DMR. Although this approach could have theoretically led to double-counting, EPA's review of the data indicates that because the three databases focus on different pollutants, double-counting was minimal and did not affect the order of the top ranked industrial categories.

technologies, process changes, or pollution prevention alternatives that can effectively reduce the pollutants in the point source category’s wastewater (Factor 2). Last, EPA considers the affordability or economic achievability of the technology, process change, or pollution prevention measure identified using the second factor (Factor 3).

Types of data sources that EPA may consult in conducting its detailed studies include, but are not limited to: (1) U.S. Economic Census; (2) TRI and DMR data; (3) trade associations and reporting facilities to verify reported releases and facility categorization; (4) regulatory authorities (states and EPA regions) to understand how category facilities are permitted; (5) NPDES permits and their supporting fact sheets; (6) EPA effluent guidelines technical development documents; (7) relevant EPA preliminary data summaries or study reports; and (8) technical literature on pollutant sources and control technologies.

Preliminary reviews are similar to detailed studies and have the same purpose. During preliminary reviews, EPA generally examines the same factors and data sources listed above for detailed studies. However, in a preliminary review, EPA’s examination of a point source category and available pollution prevention and treatment options is less rigorous than in its detailed studies. While EPA collects and analyzes hazard and technology performance and cost information on categories undergoing preliminary review, it assigns a higher priority to investigating categories undergoing detailed studies.

3.3 Identification of New Categories for Possible Effluent Guidelines Development

Concurrent with its review of existing point source categories, EPA also reviews industries not currently subject to effluent guidelines to identify potential new point source categories. To identify possible new categories, EPA conducts a “crosswalk” analysis based on data in DMR and TRI. Facilities with data in DMR and TRI are identified by a four-digit SIC code or six-digit NAICS code (Sections 4.1.1 and 4.1.2 provide more details on SIC and NAICS codes, respectively). EPA links each four-digit SIC code and six-digit NAICS code to an appropriate industrial category (i.e., “the crosswalk”).⁴ This crosswalk identifies SIC codes and NAICS codes that EPA associated with industries subject to an existing guideline. The crosswalk also identifies SIC and NAICS codes not associated with an existing guideline. In addition to the crosswalk analysis, EPA relies on stakeholder comments to identify potential new point sources categories. Sections 4.1.4 and 4.1.5 discuss the utility and limitations of TRI and DMR data, respectively, in detail.

For each industry identified through the crosswalk analysis or stakeholder comments, EPA evaluates whether it could be identified as a potential new *category* in the plan or whether it is properly considered a potential new *subcategory* of an existing point source category. To determine this, EPA generally looks at whether the industry produces a similar product or performs a similar service as an existing category. If so, EPA generally considers the industry to be a potential new subcategory of that category. If, however, the industry is significantly different from existing categories in terms of products or services provided, EPA considers the industry as a potential new stand-alone category subject to identification in the Plan.

⁴ For additional information on “the crosswalk,” see Section 4 of the *2009 Technical Support Document for the Annual Review of Existing Effluent Guidelines and Identification of Potential New Point Source Categories* (U.S. EPA, 2009).

3.3.1 Direct Discharges

Because the Clean Water Act (CWA) has different requirements for potential new categories of direct and indirect dischargers, EPA examines new categories to determine if the category comprises mostly direct dischargers, mostly indirect dischargers, or both direct and indirect dischargers. If a category consists largely of direct dischargers, EPA evaluates the type of pollutants discharged by facilities in the category.

3.3.2 Indirect Discharges

For potential new categories with primarily indirect dischargers, EPA evaluates the potential for the wastewater discharges to “interfere with, pass through, or [be] otherwise incompatible with” the operation of POTWs. See 33 U.S.C. § 1371(b)(1). Using available data, EPA reviews the types of pollutants in an industry’s wastewater. Then, EPA reviews the likelihood of those pollutants to pass through a POTW as measured by: (1) the total annual TWPE discharged by the industrial sector; and (2) the average TWPE discharged among facilities that discharge to POTWs. EPA also assesses the interference potential of the discharge. Finally, EPA considers whether the pollutant discharges are already adequately controlled by general pretreatment standards and/or local pretreatment limits.

3.4 Stakeholder Involvement and Schedule

EPA’s goal is to involve stakeholders early and often during its annual reviews of existing effluent guidelines and the development of the biennial Plan. By doing so, EPA will likely maximize the data collected to inform its analyses and provide additional transparency and understanding of its effluent guidelines priorities identified in the biennial Plan.

EPA’s annual reviews build on reviews from previous years, and reflect a lengthy outreach effort to involve stakeholders in the review process. In performing its annual reviews, EPA considers all public comments, information, and data submitted to EPA as part of its outreach activities. EPA solicits public comment at the beginning of each annual review of effluent guidelines and on the preliminary biennial Plan. In each Federal Register Notice, EPA requests stakeholder comments on specific industries and discharges as well as any general comments.

EPA completes an annual review of industrial discharges each year, upon publication of the Preliminary and Final Effluent Guidelines Program Plans. In odd-numbered years, EPA publishes its preliminary Plan for public review and comment as required under CWA section 304(m)(2). In even-numbered years, EPA publishes its final Plan that incorporates the comments received on the preliminary Plan.

EPA intends that these contemporaneous reviews will provide meaningful insight into EPA’s effluent guidelines and pretreatment standards program decision-making. Additionally, by providing notice for these and future reviews, EPA hopes to provide a consolidated source of information for the Agency’s current and future effluent guidelines and pretreatment standards program reviews.

3.5 The Effluent Guidelines Planning Process References

1. ERG. 2009. *Revised Quality Assurance Project Plan for 2009 Annual Screening-Level Analysis of TRI, ICIS-NPDES, and PCS Industrial Category Discharge Data*. (September). EPA-HQ-OW-2008-0517-0507.
2. U.S. EPA. 2006. *Toxic Weighting Factor Development in Support of CWA 304(m) Planning Process*. Washington, DC. (June). EPA-HQ-OW-2004-0032-1634.
3. U.S. EPA. 2009. *Technical Support Document for the Annual Review of Existing Effluent Guidelines and Identification of Potential New Point Source Categories*. EPA-821-R-09-007. Washington, DC. (October). EPA-HQ-OW-2008-0517-0515.

4. METHODOLOGY, DATA SOURCES, AND LIMITATIONS

As discussed in Section 1, the Clean Water Act (CWA) requires EPA to conduct an annual review of existing effluent limitations guidelines and pretreatment standards (ELGs). It also requires EPA to identify industrial categories without applicable ELGs. EPA's methodology for the 2010 annual review and new point source category identification involves several components, as discussed in Section 3.

First, EPA performs a screening-level review of all point source categories subject to existing ELGs to identify categories discharging high levels of toxic and nonconventional pollutants relative to other categories. Second, EPA identifies priority categories as possible candidate ELGs for revision, as required by CWA sections 304(b), 301(d), 304(g), and 307(b). EPA then performs further review of the priority categories. Part II of this report (Sections 5 through 15) discusses the findings of EPA's 2010 annual review.

The next component of EPA's review is to identify industrial categories without applicable ELGs. EPA reviews indirect discharging industries not currently subject to pretreatment standards to identify potential candidates for pretreatment standards development, as required by CWA section 307(b). Next, EPA reviews direct discharging industries not currently subject to ELGs to identify potential candidates for ELG development, as required by section 304(m)(1)(B) of the CWA.

In performing the screening-level review of existing ELGs and identifying industrial categories without ELGs, EPA relies on discharge monitoring report (DMR) data, contained in EPA's Permit Compliance System (PCS) and the Integrated Compliance Information System for the National Pollutant Discharge Elimination System (ICIS-NPDES), and the Toxics Release Inventory (TRI). This section discusses these databases, related data sources, and their limitations.

EPA has developed two screening-level tools, the *TRIReleases* and *DMRLoads* databases, to facilitate analysis of TRI and PCS/ICIS-NPDES data. EPA previously explained the creation of these screening-level analysis tools in the *Technical Support Document for the Annual Review of Existing Effluent Guidelines and Identification of Potential New Point Source Categories* (2009 Screening-Level Analysis (SLA) Report) (U.S. EPA, 2009). The 2009 SLA Report provides the detailed methodology used to process thousands of data records and generate national estimates of industrial effluent discharges. This section does not revisit the details of creating the database tools. Instead, it lists the methodology corrections made to the *DMRLoads* and *TRIReleases* databases as part of EPA's 2010 annual review. It also presents the preliminary category rankings from *TRIReleases2008_v3* and *DMRLoads2008_v2*.

4.1 Data Sources and Limitations

This subsection provides general information on the use of Standard Industrial Classification (SIC) and North American Industry Classification System (NAICS) codes, toxic weighting factors (TWFs), TRI data, and DMR data. The following reports supplement this section and discuss EPA's methodology for developing and using the two screening-level tools:

- *Technical Support Document for the Annual Review of Existing Effluent Guidelines and Identification of Potential New Point Source Categories*, (2009)

SLA Report) (U.S. EPA, 2009). Documents the methodology and development of the *DMRLoads2008* and *TRIRelases2008* databases, including (but not limited to) matching NAICS and SIC codes to point source categories and using TWFs to estimate toxic-weighted pound equivalents (TWPE).

- *Draft Toxic Weighting Factor Development in Support of the CWA 304(m) Planning Process* (Draft TWF Development Document), dated July 2005 (U.S. EPA, 2005). Explains how EPA developed the December 2004 TWFs.
- *Toxic Weighting Factor Development in Support of the CWA 304(m) Planning Process* (Final TWF Development Document) (U.S. EPA, 2006b). Explains how EPA developed the April 2006 TWFs.

4.1.1 SIC Codes

The SIC code system was developed to help with the collection, aggregation, presentation, and analysis of data from the U.S. economy (OMB, 1987). The different parts of the SIC code signify the following:

- The first two digits represent the major industry group;
- The third digit represents the industry group; and
- The fourth digit represents the industry.

For example, major SIC code 26: Paper and Allied Products includes all pulp, paper, and paperboard manufacturing operations. Within SIC code 26, the three-digit SIC codes are used to distinguish the type of facility: 263 for paperboard mills, 265 for paperboard containers and boxes, etc. Within SIC code 265, the four-digit SIC codes are used to separate facilities by product type: 2652 for setup paperboard boxes, 2653 for corrugated and solid fiber boxes, etc.

The SIC system is used by many government agencies, including EPA, to promote data comparability. In the SIC system, each establishment is classified according to its primary economic activity, which is determined by its principal product or group of products. An establishment may have activities in more than one SIC code. Some data collection organizations track only the primary SIC code for each establishment. PCS and ICIS-NPDES include one four-digit SIC code, reflecting the principal activity causing the discharge at each facility.

Regulations for an individual point source category may apply to one SIC code, multiple SIC codes, or a portion of the facilities in an SIC code. Therefore, to use databases that identify facilities by SIC code, EPA linked each four-digit SIC code to an appropriate point source category, as summarized in the “SIC/Point Source Category Crosswalk” table (Table A-1 in Appendix A).

There are some SIC codes for which EPA has not established national ELGs. Table A-2 in Appendix A lists the SIC codes for which facility discharge data are available in PCS and ICIS-NPDES, but for which EPA could not identify an applicable point source category. For a more detailed discussion, see Section 6 of the 2009 SLA Report (U.S. EPA, 2009).

4.1.2 NAICS Codes

In 1997, the U.S. Census Bureau introduced the NAICS code system, to better represent the economic structure of countries participating in the North American Free Trade Agreement and to respond to criticism about the SIC code system. Table 4-1 explains the nomenclature and format of NAICS and SIC codes.

Table 4-1. Nomenclature and Format of NAICS and SIC Codes

| NAICS | | SIC | |
|---------|----------------|---------|----------------|
| 2-digit | Sector | Letter | Division |
| 3-digit | Subsector | 2-digit | Major Group |
| 4-digit | Industry Group | 3-digit | Industry Group |
| 5-digit | NAICS Industry | 4-digit | Industry |
| 6-digit | U.S. Industry | N/A | N/A |

For example, below are the SIC and NAICS code for the Folding Paperboard Box Manufacturing industry.

In the SIC code system the classification is less stratified:

- 26: Paper and Allied Paper Products;
 - 265: Paperboard containers and boxes;
 - 2657: Folding Paperboard Boxes, Including Sanitary (except paperboard backs for blister or skin packages).

In the NAICS code system the classification is more stratified:

- 32: Manufacturing;
 - 322: Paper Manufacturing;
 - 3222: Converted Paper Product Manufacturing;
 - 322212: Folding Paperboard Box Manufacturing.

The NAICS system is used for industrial classification purposes at many government agencies, including EPA. As in the SIC system, each establishment is classified according to its primary economic activity, which is determined by its principal product or group of products. An establishment may have activities in more than one NAICS code.

Regulations for an individual point source category may apply to one NAICS code, multiple NAICS codes, or a portion of the facilities in an NAICS code. Therefore, to use databases that identify facilities by NAICS code (e.g., TRI), EPA linked each six-digit NAICS code to an appropriate point source category, as summarized in the “NAICS/Point Source Category Crosswalk” table (Table A-3 in Appendix A). This table was based on the SIC/Point Source Category Crosswalk table (Table A-1 in Appendix A) and the NAICS/SIC Code Crosswalk that EPA developed for past comparisons.

There are some NAICS codes for which EPA has not established national ELGs. Table A-4 in Appendix A lists the NAICS codes for which facility discharge data are available in TRI,

but for which EPA could not identify an applicable point source category. For a more detailed discussion, see Section 6 of the 2009 SLA Report (U.S. EPA, 2009).

4.1.3 Toxic Weighting Factors

As part of the Effluent Guidelines Program, EPA developed a wide variety of tools and methodologies to evaluate effluent discharges. EPA's Office of Water, Engineering and Analysis Division (EAD) maintains a Toxics Database compiled from over 100 references for more than 1,900 pollutants. The Toxics Database includes aquatic life and human health toxicity data, as well as physical and chemical property data. Each pollutant in this database is identified by a unique Chemical Abstract Service (CAS) number. EPA calculates TWFs from these data to account for differences in toxicity across pollutants and to provide the means to compare mass loadings of different pollutants. In its analyses, EPA multiplies a mass loading of a pollutant in pounds per year (lb/yr) by a pollutant-specific weighting factor to derive a "toxic-equivalent" loading (lb-equivalent/yr). Throughout this document, the toxic-equivalent is also referred to as TWPE. The Draft and Final TWF Development Documents discuss the use and development of TWFs in detail (U.S. EPA, 2005; U.S. EPA, 2006b).

EPA derives TWFs from chronic aquatic life criteria (or toxic effect levels) and human health criteria (or toxic effect levels) established for the consumption of fish. In the TWF method for assessing water-based effects, these aquatic life and human health toxicity levels are compared to a benchmark value that represents the toxicity level of a specified pollutant. EPA selected copper, a metal commonly detected and removed from industrial effluent, as the benchmark pollutant. The Final TWF Development Document contains details on how EPA developed its TWFs (U.S. EPA, 2006b). Table A-5 in Appendix A lists the TWFs for those chemicals in the *DMRLoads2008* and *TRIRelases2008* databases for which EPA has developed TWFs.

4.1.3.1 New Toxic Weighting Factors Developed During the 2010 Annual Review

During the 2010 annual review, EPA did not revise any TWFs or develop TWFs for any chemicals that had not previously had TWFs.

4.1.3.2 Calculation of TWPE

EPA weighted the annual pollutant discharges calculated from the *TRIRelases* (see Section 4.1.4) and *DMRLoads* (see Sections 4.1.5) databases using EAD's TWFs to calculate TWPE for each reported discharge. EPA summed the estimated TWPE discharged by each facility in a point source category to understand the potential hazard of the discharges from each category. The following subsections discuss the calculation of TWPE.

4.1.4 Data from TRI

TRI is the common name for Section 313 of the Emergency Planning and Community Right-to-Know Act. Each year, facilities that meet certain thresholds must report their releases and other waste management activities for listed toxic chemicals. Facilities must report the quantities of toxic chemicals recycled, collected, and combusted for energy recovery, treated for destruction, or disposed of. A separate report must be filed for each chemical that exceeds the reporting threshold. The TRI list of chemicals for reporting year 2008 includes more than 650

chemicals and chemical categories. For the 2010 screening-level review, EPA used data for reporting year 2008, because they were the most recent available at the time the review began.

A facility must meet the following three criteria to be required to submit a TRI report for a given reporting year:

1. *NAICS Code Determination.* The primary NAICS code determines if TRI reporting is required. The primary NAICS code is associated with the facility's revenues, and may not relate to its pollutant discharges (73 FR 324666). Certain facilities in NAICS codes 11, 21, 22, 31 through 33, 42, 48 through 49, 51, 54, 56 and 81, and federal facilities are potentially subject to TRI reporting. EPA generally relies on facility claims regarding the NAICS code identification.
2. *Number of Employees.* Facilities must have 10 or more full-time employees or their equivalent. EPA defines a "full-time equivalent" as a person that works 2,000 hours in the reporting year (there are several exceptions and special circumstances that are well defined in the TRI reporting instructions).
3. *Activity Thresholds.* If the facility is in a covered NAICS code and has 10 or more full-time employee equivalents, it must conduct an activity threshold analysis for every chemical and chemical category on the current TRI list. The facility must determine whether it manufactures, processes, or otherwise uses each chemical at or above the appropriate activity threshold. Reporting thresholds are not based on the amount of release. All TRI thresholds are based on mass, not concentration. Different thresholds apply for persistent bioaccumulative toxic (PBT) chemicals than for non-PBT chemicals. Generally, non-PBT chemical threshold quantities are 25,000 pounds for manufacturing and processing activities and 10,000 pounds for other use activities. All thresholds are determined per chemical over the calendar year. For example, dioxin and dioxin-like compounds are considered PBT chemicals. The TRI reporting guidance requires any facility that manufactures, processes, or otherwise uses 0.1 grams of dioxin and dioxin-like compounds to report it to TRI (U.S. EPA, 2000).

In TRI, facilities report annual loads released to the environment of each toxic chemical or chemical category that meets reporting requirements. Facilities must report onsite releases or disposal to air, receiving streams, land, underground wells, and several other categories. They must also report the amount of toxic chemicals in wastes transferred to off-site locations, (e.g., POTWs, commercial waste disposal facilities).

For its screening-level reviews, EPA focused on the amount of chemicals facilities reported either discharging directly to a receiving stream or transferring to a POTW. For facilities discharging directly to a stream, EPA took the annual loads directly from the reported TRI data for calendar year 2008. For facilities transferring to POTWs, EPA first adjusted the TRI pollutant loads reported to account for pollutant removal that occurs at the POTWs prior to discharge to the receiving stream. Table A-6 in Appendix A lists the POTW removals used for all TRI chemicals reported as transferred to POTWs.

Facilities reporting to TRI are not required to sample and analyze waste streams to determine the quantities of toxic chemicals released. They may estimate releases based on mass balance calculations, published emission factors, site-specific emission factors, or other approaches. Facilities are required to indicate, by a reporting code, the basis of their release estimate. TRI's reporting guidance is that, for most chemicals reasonably expected to be present but measured below the detection limit, facilities should use half the detection limit to estimate the mass released. However, for dioxins and dioxin-like compounds, nondetects should be treated as zero.

TRI allows facilities to report releases as specific numbers or as ranges, if appropriate. Specific estimates are encouraged if data are available to ensure the accuracy; however, EPA allows facilities to report releases in the following ranges: 1 to 10 pounds, 11 to 499 pounds, and 500 to 999 pounds. For its screening-level reviews, EPA used the midpoint of each reported range to represent a facility's releases, as applicable.

4.1.4.1 Utility of TRI Data

The data collected in TRI are particularly useful for ELG planning for the following reasons:

- TRI is national in scope, including data from all 50 states and U.S. territories/tribes;
- TRI includes releases to POTWs, not just direct discharges to surface water;
- TRI includes discharge data from manufacturing NAICS codes and some other industrial categories; and
- TRI includes releases of many toxic chemicals, not just those in facility discharge permits.

4.1.4.2 Limitations of TRI

For purposes of ELG planning, limitations of the data collected in TRI include the following:

- Small establishments (less than 10 employees) are not required to report, nor are facilities that do not meet the reporting thresholds. Thus, facilities reporting to TRI may be a subset of an industry.
- Release reports are, in part, based on estimates, not measurements, and, due to TRI guidance, may overstate releases, especially at facilities with large wastewater flows.
- Certain chemicals (polycyclic aromatic compounds (PACs), dioxin and dioxin-like compounds, metal compounds) are reported as a class, not as individual compounds. Because the individual compounds in most classes have widely varying toxic effects, the potential toxicity of chemical releases can be inaccurately estimated.

- Facilities are identified by NAICS code, not point source category. For some NAICS codes, it may be difficult or impossible to identify the point source category that is the source of the toxic wastewater releases.

Despite these limitations, EPA determined that the data summarized in *TRIRelases2008* were usable for the 2010 screening-level review and prioritization of the toxic-weighted pollutant loadings discharged by industrial categories.

4.1.5 Data from PCS and ICIS-NPDES

EPA has used data reported to PCS as a part of its screening-level review of existing effluent guidelines since the 2003 annual review (68 FRN 75515). Since 2002, EPA has been working to modernize PCS by creating a new data system called ICIS-NPDES. In 2006, some states began transitioning their DMR reporting from PCS to ICIS-NPDES. Currently 57 of the 71 states and territories/tribes have migrated to ICIS-NPDES. Therefore, for the 2010 annual review, EPA's view of nationwide discharges was split between two sets of data. EPA created the 2008 DMR Loadings Tool to combine the two systems (PCS and ICIS-NPDES) and generate industrial category rankings for all U.S. states and territories/tribes. EPA extracted the loads from the 2008 DMR Loadings Tool to create the *DMRLoads2008* database. Both PCS and ICIS-NPDES automate entering, updating, and retrieving NPDES data and track permit issuance, permit limits, monitoring data, and other data pertaining to facilities regulated by the NPDES program under the CWA.

More than 65,000 industrial facilities and wastewater treatment plants have permits for wastewater discharges to waters of the United States. To provide an initial framework for setting permitting priorities, EPA developed a major/minor classification system for industrial and municipal wastewater discharges. Major discharges usually have the capability to impact receiving waters if not controlled and, therefore, have received more regulatory attention than minor discharges. There are approximately 7,000 facilities (including sewerage systems) with major discharges and 15,000 facilities with minor discharges for which PCS and ICIS-NPDES have extensive records. Permitting authorities classify discharges as major based on an assessment of six characteristics:

1. Toxic pollutant potential;
2. Discharge flow: stream flow ratio;
3. Conventional pollutant loading;
4. Public health impact;
5. Water quality factors; and
6. Proximity to coastal waters.

Facilities with major discharges must report compliance with NPDES permit limits via monthly DMRs submitted to the permitting authority. The permitting authority enters the reported DMR data into PCS or ICIS-NPDES, including pollutant concentration and quantity values and identification of any types of permit violations.

Minor discharges may, or may not, adversely impact receiving water if not controlled. Facilities with minor discharges must report compliance with NPDES permit limits via monthly DMRs submitted to the permitting authority; however, EPA does not require the permitting authority to enter data in the PCS and ICIS-NPDES databases. For this reason, the PCS and

ICIS-NPDES databases include data only for a limited set of minor discharges (i.e., if the state or other permitting authority chooses to include these data).

Parameters in PCS and ICIS-NPDES include water quality parameters (such as pH and temperature), specific chemicals, conventional parameters (such as biochemical oxygen demand (BOD₅) and total suspended solids (TSS)), and flow rates. Although other pollutants may be discharged, PCS and ICIS-NPDES contain data only for the parameters identified in the facility's NPDES permit. Facilities typically report monthly average pounds per day discharged, but also report daily maxima and average pollutant concentrations.

For the 2010 annual review, EPA used data for reporting year 2008, to correspond to the data obtained from TRI. For the 2010 annual review, EPA corrected certain aspects of the 2008 data (see Section 4.3). Using the DMR Loadings Tool, EPA calculated annual loads for the PCS and ICIS-NPDES data and then combined the calculated loads for each set of data. EPA extracted the results of the annual loads calculations in the *DMRLoads2008* database. Section 2 of the 2009 SLA Report provides details on the methodology and development of *DMRLoads2008* (U.S. EPA, 2009).

4.1.5.1 Utility of PSC and ICIS-NPDES

The data collected in the PCS and ICIS-NPDES data systems are particularly useful for the ELG planning process for the following reasons:

- PCS and ICIS-NPDES combined are national in scope, including data from all 50 states and 21 U.S. territories/tribes.
- Discharge reports included in PCS and ICIS-NPDES are based on effluent chemical analysis and metered flows.
- PCS and ICIS-NPDES include facilities in all SIC codes.
- PCS and ICIS-NPDES include data on conventional pollutants for most facilities and for the nutrients nitrogen and phosphorus for many facilities.

4.1.5.2 Limitations of PCS and ICIS-NPDES

Limitations of the data collected in the PCS and ICIS-NPDES data systems include the following:

- The data systems contain data only for pollutants a facility is required by permit to monitor; the facility is not required to monitor or report all pollutants actually discharged.
- The data systems include limited discharge monitoring data from minor dischargers.
- The data systems do not include data characterizing indirect discharges from industrial facilities to POTWs.
- Many of the pollutant parameters included in the data systems are reported as a group parameter and not as individual compounds (e.g., "Total Kjeldahl Nitrogen," "oil and grease"). Because the individual compounds in the group

parameter may have widely varying toxic effects, the potential toxicity of chemical releases can be inaccurately estimated.

- In some cases, the data systems identify the type of wastewater (e.g., process wastewater, stormwater, noncontact cooling water) being discharged; however, most do not and, therefore, total flow rates reported to PCS and ICIS-NPDES may include stormwater and noncontact cooling water, as well as process wastewater.
- Pipe identification is not always clear. For some facilities, internal monitoring points are labeled as outfalls, and PCS and ICIS-NPDES may double-count a facility's discharge. In other cases, an outfall may be labeled as an internal monitoring point, and PCS and ICIS-NPDES may not account for all of a facility's discharge.
- Facilities are identified by SIC code, not point source category. For some SIC codes, it may be difficult or impossible to identify the point source category that is the source of the reported wastewater discharges⁵.
- PCS and ICIS-NPDES were designed as a permit compliance tracking system and do not contain production information.
- PCS and ICIS-NPDES data may be entered into the data systems manually, which leads to data-entry errors.
- In PCS and ICIS-NPDES, data may be reported as an average quantity, maximum quantity, average concentration, maximum concentration, and/or minimum concentration. For many facilities and/or pollutants, average quantity values are not provided. In these cases, EPA is limited to estimating facility loads based on the maximum quantity. Section 3.2.3 of the 2009 SLA Report discusses the maximum quantity issue in detail (U.S. EPA, 2009).
- PCS and ICIS-NPDES data on conventional pollutants and the nutrients nitrogen and phosphorus are not used because of data quality concerns.

Despite these limitations, EPA determined that the data summarized in *DMRLoads2008* were usable for the 2010 screening-level reviews and prioritizations of the toxic-weighted pollutant loadings discharged by industrial facilities. The combined PCS and ICIS-NPDES databases remain the only data source quantifying the pounds of regulated pollutants discharged directly to surface waters of the United States.

4.2 Methodology Correction Affecting Both Screening-Level Review Databases

The 2009 SLA Report provides detailed information on the methodology EPA used to develop the screening-level review databases (U.S. EPA, 2009). For the 2010 annual review, EPA made changes to the methodology used to develop the 2008 DMR and TRI databases. These methodology changes included the processing of the PCS data, the addition of minor

⁵ ICIS-NPDES includes a data field for applicable ELGs; however, it is not required and typically not populated.

discharges to the 2008 DMR database, and a change to the dioxin distribution hierarchy in the 2008 TRI database. This subsection summarizes the methodology changes made by EPA to the 2010 screening-level review databases.

4.2.1 Summary of *DMRLoads2008* Database Methodology Changes

The two major changes made to the *DMRLoads2008* database, discussed in the subsections below, include changes made to the PCS data processing and the addition of minor dischargers.

PCS Data Processing

For the 2010 annual review, EPA generated the industrial category rankings in *DMRLoads2008* for all U.S. states and territories/tribes from two data sources, PCS and ICIS-NPDES. As part of the 2010 annual review, EPA estimates the pollutant load for each facility by multiplying flow and concentration where appropriate. That is, no load is estimated for internal outfalls, and EPA does not estimate a load for certain pollutants, such as pH. During previous annual reviews, EPA used a separate database to process PCS data. This year, EPA incorporated the PCS data processing (i.e., calculation a load using flow and concentration where appropriate) as an additional subroutine in the DMR Loadings Tool. The data analysis methodology in the DMR Loadings Tool subroutine is consistent with the *PCSLoadCalculator*.

Addition of Minor Dischargers

Facilities in the *DMRLoads* database are classified as either major or minor dischargers based on EPA's major/minor classification system for industrial and municipal wastewater discharges. As discussed in the Section 4.1.5, major discharges usually have the capability to impact receiving waters if not controlled. Minor discharges may or may not adversely impact receiving water if not controlled. Therefore, EPA does not require permitting authorities to enter DMR data for facilities with minor discharges into PCS and ICIS-NPDES. As a result, discharge data for minor discharges in PCS and ICIS-NPDES may be incomplete.

EPA previously reviewed discharges for only major discharging facilities because of the possible incomplete data for minor discharging facilities. For the 2010 annual review, EPA determined that including minor discharges would provide a more thorough review by identifying industries that may consist mostly of minor facilities or have high pollutant discharges because of contributing minor facilities. To determine if minor discharges are appropriately represented, EPA compared the number of minor dischargers in the DMR database to the number of minor dischargers that report water discharges for each state, presented in Table 4-2.

Table 4-2. Number of Major and Minor Dischargers by State in DMR 2008

| State or Territory/Tribe | Minors ^a | Minors with Water Discharges ^b | Percent of Minors with Water Discharges |
|--------------------------|---------------------|---|---|
| Alaska | 3,302 | 20 | 0.6% |
| Alabama | 10,175 | 961 | 9.4% |
| Arkansas | 3,857 | 374 | 9.7% |
| American Samoa | 4 | 0 | 0.0% |
| Arizona | 104 | 9 | 8.7% |
| California | 2,142 | 1 | 0.0% |
| Colorado | 3,122 | 63 | 2.0% |
| Connecticut | 739 | 74 | 10.0% |
| District of Columbia | 128 | 7 | 5.5% |
| Delaware | 35 | 21 | 60.0% |
| Florida | 244 | 137 | 56.1% |
| Georgia | 1,984 | 148 | 7.5% |
| Gulf of Mexico | 649 | 0 | 0.0% |
| Guam | 62 | 0 | 0.0% |
| Hawaii | 3,096 | 13 | 0.4% |
| Iowa | 1,535 | 420 | 27.4% |
| Idaho | 966 | 81 | 8.4% |
| Illinois | 11,487 | 770 | 6.7% |
| Indiana | 4,105 | 1,140 | 27.8% |
| Johnston Atoll | 1 | 0 | 0.0% |
| Kansas | 1,166 | 24 | 2.1% |
| Kentucky | 1,731 | 1,304 | 75.3% |
| Louisiana | 16,787 | 28 | 0.2% |
| Massachusetts | 1,225 | 156 | 12.7% |
| Maryland | 4,168 | 589 | 14.1% |
| Maine | 270 | 106 | 39.3% |
| Michigan | 463 | 197 | 42.5% |
| Minnesota | 685 | 9 | 1.3% |
| Missouri | 2,894 | 1,148 | 39.7% |
| Northern Mariana Islands | 11 | 0 | 0.0% |
| Mississippi | 1,507 | 997 | 66.2% |
| Montana | 3,869 | 169 | 4.4% |
| North Carolina | 1,083 | 648 | 59.8% |
| North Dakota | 111 | 1 | 0.9% |
| Nebraska | 1,167 | 210 | 18.0% |
| New Hampshire | 310 | 23 | 7.4% |
| New Jersey | 3,649 | 498 | 13.6% |
| New Mexico | 1,594 | 44 | 2.8% |
| Navajo Nation | 45 | 2 | 4.4% |
| Nevada | 461 | 1 | 0.2% |

Table 4-2. Number of Major and Minor Dischargers by State in DMR 2008

| State or Territory/Tribe | Minors ^a | Minors with Water Discharges ^b | Percent of Minors with Water Discharges |
|--------------------------|---------------------|---|---|
| New York | 6,869 | 805 | 11.7% |
| Ohio | 3,044 | 1,465 | 48.1% |
| Oklahoma | 1,294 | 149 | 11.5% |
| Oregon | 324 | 4 | 1.2% |
| Pennsylvania | 10,613 | 20 | 0.2% |
| Puerto Rico | 701 | 117 | 16.7% |
| Rhode Island | 687 | 70 | 10.2% |
| South Carolina | 371 | 250 | 67.4% |
| South Dakota | 674 | 55 | 8.2% |
| St. Regis Mohawk Tribe | 2 | 0 | 0.0% |
| Tennessee | 2,050 | 576 | 28.1% |
| Texas | 10,030 | 802 | 8.0% |
| Utah | 2,815 | 70 | 2.5% |
| Virginia | 966 | 2 | 0.2% |
| Virgin Islands | 148 | 23 | 15.5% |
| Vermont | 147 | 0 | 0.0% |
| Washington | 438 | 34 | 7.8% |
| Wisconsin | 830 | 0 | 0.0% |
| West Virginia | 818 | 42 | 5.1% |
| Wyoming | 1,305 | 11 | 0.8% |
| Total | 135,059 | 14,888 | 11.0% |

Source: *DMRLoads2008_v2*.

a – All minor dischargers in the 2008 DMR database.

b – All minor dischargers with discharge data in the 2008 DMR database.

To consistently compare major and minor facility discharges in the database, EPA used the same database methodologies and procedures in place for reviewing major facility discharges to correct and review the minor facility discharge data. For example, EPA used the same flow methodology for both major and minor facilities to autocorrect flows between 1,000 and 5,000 MGD (see Section 4.3.6). Because the *DMRLoads2008* database consists of 90 percent minor facilities, EPA calculated the 2008 category rankings with and without minor facilities to determine the impact it had on the 2010 category rankings, shown in Table C-7, in Appendix C. The addition of the minor dischargers to the 2008 DMR data increased the total number of facilities reviewed from 2,036 to 16,924. Because of the inconsistent minor water discharging data, EPA reviewed states where the majority of minors reported water discharges (e.g., Kentucky, Mississippi, and South Carolina). However, some states did not include any water discharge data from minor facilities (e.g., Vermont and Wisconsin).

The addition of minor dischargers also resulted in point source categories that EPA has not previously reviewed to be included in the top 95 percent of the 2010 annual review, such as: Landfills (40 CFR Part 445), Oil & Gas Extraction (excluding coalbed methane operations) (40 CFR Part 435), and Metal Molding and Casting (Foundries) (40 CFR Part 464). For the 2010

annual review, EPA reviewed both major and minor top discharging facilities for industrial categories with high TWPE (see Section 4.3.7).

4.2.2 Summary of *TRIRelases2008* Database Methodology Changes

In the TRI database certain chemicals (PACs, dioxin and dioxin-like compounds, metal compounds) are reported as a class, not as individual compounds. Because the individual compounds in most classes have widely varying toxic effects, the potential toxicity of chemical releases can be inaccurately estimated. However, for dioxin and dioxin-like compounds, reporting facilities are given the opportunity to report facility-specific dioxin distributions that EPA uses to better estimate the pollutant TWPE.

The dioxin and dioxin-like compounds class includes 17 individual congeners, each with its own TWF. Facilities report a single mass number for the dioxin and dioxin-like compounds but can report the mass of each congener in a separate field (referred to as the dioxin distribution). For previous TRI reporting years, a facility could report only one dioxin congener distribution, even if dioxins are released to more than one medium. As part of previous annual reviews, EPA determined that the majority of facilities use the dioxin congener distribution for air releases rather than water discharges. However, EPA used the reported distribution as it was the best available information on the wastewater dioxin distribution.

Starting in 2008, facilities could report release-specific distributions. For example, if a facility had three stream discharges (e.g., surface water discharge, air release, and POTW transfer), it could report a distribution for each stream. As part of the data processing, the TRI Program calculates a total surface water release distribution by combining each of the individual stream release distributions. For direct discharges of dioxin and dioxin-like compounds, EPA used the total surface water release distribution. For facilities that leave the all congener distribution fields blank, EPA has worked with some trade associations to identify the most accurate distribution based on the manufacturing process generating the wastewater. Therefore, EPA revised the congener distribution hierarchy in the *TRIRelases2008* database, presented in Table 4-3, to reflect the change in the TRI distribution reporting requirements.

Table 4-3. Dioxin and Dioxin-Like Compounds Distribution Selection Hierarchy for *TRIRelases2008*

| 2008 TRI | Prior TRI Databases |
|---|---------------------|
| 1. Assign the distribution reported by the facility, stored in TRI's Water_Congener_2008 table. <ul style="list-style-type: none"> • Direct discharge distribution is from the column "53 Total Water Release"^b • Indirect discharge distribution is from the column "61 POTW Transfer Amount" | Same ^a |
| 2. If there are any changes identified from facility-specific follow-up (e.g. discussions with facilities from prior years), assign that previously identified distribution. This distribution overwrites distributions applied in Step 1. | Same |
| If the facility does not have a congener distribution applied in Steps 1 or 2, then: | |
| 3. For facilities in the Pulp and Paper Category ^c , assign the "Pulp Default" distribution. | Same |
| 4. For facilities in the Timber Products Category ^d , assign the "Wood Preserving Default" distribution. | Same |

Table 4-3. Dioxin and Dioxin-Like Compounds Distribution Selection Hierarchy for *TRIReleases2008*

| 2008 TRI | Prior TRI Databases |
|--|---------------------|
| 5. Use the NAICS average distribution. For facilities in the same category, start with the smaller subset of the NAICS code, and then if none of that subset reports a distribution, go to a larger set of NAICS codes. ^e | Same |
| 6. Assign the distribution reported by the facility for “52 Stack Air” stored in TRI’s Congener_2008 table ^f . | NA |
| 7. Use the TWF for CAS number N150 (dioxin and dioxin-like compounds), which is congener 7, the median of the 17 TWFs for dioxin and dioxin-like compounds. | Same |

a – Previous TRI data included only one distribution for each facility. The TRI 2008 data includes separate distributions for each release.

b – EPA selected the “Total Water Release” distribution rather than using the distributions for each discharge to a receiving stream because the majority of facilities did not report distributions for each receiving stream discharge.

c – Congener distribution is applied only to facilities reporting NAICS codes 322110, 322121, 322122, and 322130. Facilities reporting other NAICS codes that link to the Pulp and Paper Category do not get the “Pulp Default” congener distribution.

d – Congener distribution is applied only to facilities reporting NAICS codes 321114 and 113310. Facilities reporting other NAICS codes that link to the Timber Products Category do not get the “Wood Preserving Default” congener distribution.

e – Step 5 Example for a Pulp and Paper Category facility. Facility A has a primary NAICS code 322291, reported dioxin, and left distribution blank. Steps 1 through 4 do not apply (therefore, no distribution has been applied using the hierarchy yet). Facilities B, C, and D primary NAICS codes 322291-2. Facility B reported a distribution (Step 1). Facilities C and D did not report one, and they did not get one assigned from Steps 1 through 4. In this hierarchy, first we calculate the NAICS average congener distribution on both 322291 (no distribution available) and then 322291-2 (resulting in a distribution). Then we assign the 322291-2 results to Facilities A, C, and D. Second, we make another attempt to calculate the average distribution for NAICS 322291. We calculate the average distribution for NAICS 322291 and 322291-2. This will be assigned to the facility reporting 322291 (Facility A).

f – EPA selected the “Stack Air” distribution because facilities populated this field most frequently in the 2008 TRI data.

NA – Not applicable.

In *TRIReleases2008*, 121 facilities reported dioxin and dioxin-like compounds. Table 4-4 presents the number of facilities that reported a dioxin distribution for their water releases and the number of facilities that were assigned a distribution from the hierarchy. As shown in Table 4-4, approximately 34 percent of facilities reporting dioxin and dioxin-like compounds reported a specific water release distribution. For the remaining facilities, EPA used the hierarchy to assign the dioxin distributions.

Table 4-4. Number of Facilities Assigned Each Dioxin Distribution Hierarchy in TRI 2008

| Hierarchy Number | Abbreviated Name | Number of Facilities Assigned the Distribution | Percent of Total Facilities Reporting Dioxin and Dioxin-Like Compounds |
|------------------|-------------------|--|--|
| 1 | Reported Direct | 36 | 29.7% |
| | Reported Indirect | 5 | 4.1% |
| 2 | Manual | 5 | 4.1% |
| 3 | Pulp & Paper | 31 | 25.6% |
| 4 | Wood Preserving | 9 | 7.4% |
| 5 | NAICS Average | 11 | 9.1% |
| 6 | Stack Air | 15 | 12.4% |
| 7 | N150 | 9 | 7.4% |
| Total | | 121 | 100% |

Source: *TRICalculations2008_v3*.

4.3 Corrections to the *DMRLoads2008* Database

EPA developed the *DMRLoads2008* database as part of the 2010 annual review using the methodology explained in the 2009 SLA Report (U.S. EPA, 2009) with the methodology updates described in Section 4.2.1.

During previous screening-level analyses, EPA identified numerous facility-specific corrections for PCS and ICIS-NDPES data reported for calendar years 2000, 2002, 2004, 2006, and 2007. Several of these corrections similarly apply to the 2008 DMR data. In addition, EPA reviewed the quality of the 2008 DMR data and facilities with discharges that have the greatest impact on total category loads and category rankings. Table B-2 in Appendix B of this report lists all corrections made to the 2008 DMR data in the DMR Loadings Tool.

4.3.1 *DMRLoads2008: Categorization of Discharges*

This subsection describes database corrections to facility categorization and pollutant discharges in *DMRLoads2008*. Section 4 of the 2009 SLA Report describes the SIC/Point Source Category Crosswalk development, which EPA uses to link between facility SIC codes and categories with existing ELGs (U.S. EPA, 2009). Because most point source categories are not defined by SIC code, the relationship between SIC code and point source category is not a one-to-one correlation. A single SIC code may include facilities in more than one point source category, and associating an SIC code with only one category may be an oversimplification. Also, many facilities have operations subject to more than one point source category. Further, facilities in some categories cannot be identified by SIC code (e.g., Centralized Waste Treatment facilities). Section 4 of the 2009 SLA Report describes the database changes, summarized below (U.S. EPA, 2009):

- *Facility-Level Point Source Category Assignment.* For some SIC codes that include facilities subject to guidelines from more than one point source category, EPA was able to assign each facility to the category that best applied to the majority of its discharges. EPA reviewed information available about each facility to determine which point source category applied to the facility's operations.

- *Pollutant-Level Point Source Category Assignment.* Many facilities have operations subject to more than one point source category. For most of these facilities, EPA cannot divide the pollutant discharges among the applicable point source categories. Two exceptions where EPA was able to assign wastewater discharges of certain chemicals to the appropriate point source category are listed below:
 - Organic Chemicals, Plastics, and Synthetic Fibers (OCPSF)/Pesticide Chemicals. EPA removed all pesticide discharges from the OCPSF Category and included them as discharges from the Pesticide Chemicals Category.
 - Metal Products and Machinery (MP&M)/Metal Finishing. EPA used the methodologies described in Section 4 of the 2009 SLA Report (U.S. EPA, 2009) to apportion pollutant loads between the MP&M and Metal Finishing Categories.

4.3.2 DMRLoads2008: Internal Monitoring

This subsection describes database corrections to identify internal monitoring points in *DMRLoads2008*. As discussed in Sections 3.2.1.3 and 3.2.3.2 of the 2009 SLA Report (U.S. EPA, 2009), the 2008 DMR Loadings Tool calculated loads only for monitoring locations that are labeled as effluent. The effluent monitoring locations in the 2008 DMR Loadings Tool are:

- MLOC 1 – Effluent net discharge;
- MLOC 2 – Effluent gross discharge;
- MLOC A – After disinfection;
- MLOC B – Before disinfection; and
- MLOC SC – See comments.

As a result, the DMR Loadings Tool excludes discharges for internal monitoring locations such as intake water, influent to treatment, and intermediate points in the wastewater treatment system. However, during previous category reviews and detailed studies, EPA identified instances of double-counting that resulted from including certain internal monitoring points in the loads database. For example, a facility monitors for Pollutant A at the effluent from its wastewater treatment system (internal Outfall 101). Outfall 101 wastewater is later combined with other plant discharges at final Outfall 001 and is discharged to a receiving stream. The facility also monitors for Pollutant A at final Outfall 001. Both outfalls are effluent monitoring points identified as MLOC 1 or MLOC 2; however, Outfall 101 is upstream of the final outfall. Calculating loads for Pollutant A at both the internal and final outfalls double-counting Pollutant A discharges. EPA identified instances where pollutant discharges are reported for multiple monitoring locations along the same discharge line and eliminated the discharges for the upstream monitoring locations. EPA made these corrections to the 2008 data in the DMR Loadings Tool. A complete list of these corrections made in the DMR Loadings Tool can be found in Table B-2 of Appendix B of this report.

4.3.3 DMRLoads2008: Intermittent Discharges

This section describes database corrections made for intermittent discharges in *DMRLoads2008*. As described in Sections 3.2.1.3 and 3.2.3.2 of the 2009 SLA Report (U.S.

EPA, 2009), the DMR Loadings Tool assumes that all discharges in PCS and ICIS-NPDES are continuous (24 hours per day for all days in the monitoring period). During previous annual reviews, EPA identified facility discharges that are intermittent and therefore are overestimated by the DMR Loadings Tool. EPA calculated annual loads for these discharges based on information obtained from the facility on the frequency and duration of wastewater discharges. EPA made these corrections in the 2008 data in the DMR Loadings Tool.

4.3.4 *DMRLoads2008: Excluded Pollutant Parameters*

This section describes database corrections made to exclude selected water quality parameters and flow from the annual load calculation in 2008 DMR Loadings Tool. As described in Sections 3.2.1.3 and 3.2.3.2 of the 2009 SLA Report (U.S. EPA, 2009), facilities report pollutant mass quantities, pollutant concentrations, and wastewater flow rates to PCS and ICIS-NPDES using a variety of units. EPA's PCS CNVRT program and the ICIS-NPDES Convert Module convert the discharges into standard units of kilograms per day (kg/day) for mass quantities, milligrams per liter (mg/L) for concentrations, and millions of gallons per day (MGD) for flow rates. However, some parameters are reported in units that cannot be converted into kg/day or mg/L (e.g., temperature, pH, fecal coliform, whole effluent toxicity). EPA excluded these parameters from the screening-level analysis. Table B-3 of Appendix B lists the excluded parameters.

4.3.5 *DMRLoads2008: Pollutant Corrections*

This section describes database changes made to discharges of specific pollutants reported to the DMR for EPA's 2010 screening-level review in the 2008 DMR Loadings Tool.

During the reasonableness checks of the PCS CNVRT output, EPA identified unusually high mercury concentrations reported to PCS by facilities located in Ohio in the PCS CNVRT output. These facilities reported mercury discharges using PRAM 50092 (Mercury Total Low Level). The PRAM 50092 concentrations in the 2004 CNVRT output ranged from 0.2 to 673 mg/L from 0.001 to 380,000 mg/L in the 2008 CNVRT output. EPA contacted the Ohio Environmental Protection Agency (Ohio EPA) to determine the correct reporting units for PRAM 50092 (Stuhlfauth, 2007). An Ohio EPA representative explained that Ohio EPA started requiring low level mercury analyses in 2002. At that time, some facilities had limits in micrograms per liter ($\mu\text{g/L}$). Currently, all of the limits are in nanograms per liter (ng/L).

As a result of this contact, EPA concluded that the units for the PRAM 50092 concentrations for the 2004 PCS data should be ng/L, not mg/L. The PRAM 50092 concentrations in the 2008 CNVRT output ranged from 0.001 to 380,000 mg/L with greater than 98 percent of these concentrations between 0.1 and 1,000 mg/L. Based on this distribution, EPA concluded that the error for the 2004 data persisted in 2008. Therefore, EPA corrected the concentrations by dividing all concentrations for PRAM 50092 reported by facilities in Ohio in the DMR Pollutant Loadings Tool by one million.

4.3.6 *DMRLoads2008: Data Quality Review*

EPA evaluated the quality of the PCS and ICIS-NPDES DMR data for use in *DMRLoads2008* as part of the 2010 screening-level review. This evaluation considered data completeness, accuracy, reasonableness, and comparability. The *Quality Assurance Project Plan*

for the 2009 Annual Screening-Level Analysis of TRI and PCS Industrial Category Discharge Data describe the quality objectives in more detail (ERG, 2009). EPA conducted quality reviews for three stages of the development of *DMRLoads2008*: 1) PCS CNVRT and ICIS-NPDES Convert Module outputs; 2) the 2008 DMR Loadings Tool output; and 3) *DMRLoads2008* results. The following discussion provides an overview of the quality review steps for each stage:

- **PCS CNVRT and ICIS-NPDES Convert Module outputs.** EPA conducted an initial quality review of the extracted PCS CNVRT and ICIS-NPDES DMR data to evaluate its completeness, reasonableness, and comparability. For completeness, EPA compared the number of major facilities and the universe of SIC codes in the 2008 DMR data to the DMR data in 2007.

EPA reviewed the DMR data for reasonableness to identify any data quality issues, such as misreported units that the PCS CNVRT and ICIS-NPDES Convert Module did not correct. EPA identified several wastewater flows that exceeded the reasonable range. EPA reviewed these flows and developed the flow correction function for the PCS CNVRT and ICIS-NPDES Convert Module (described in Section 3.2.3 of the 2009 SLA Report (U.S. EPA, 2009)). This function is designed to identify data entry errors for flows greater than 1,000 MGD. The PCS CNVRT and ICIS-NPDES Convert Module corrects all flows exceeding 5,000 MGD and applies more conservative criteria to correct flows from 1,000 to 5,000 MGD. The PCS CNVRT and ICIS-NPDES Convert Module made the following corrections to the PCS and ICIS-NPDES wastewater flows:

- 559 corrections based on month-to-month variations;
- 379 corrections based on comparing flows to design flows; and
- 470 corrections based on assuming that flows exceeding 5,000 MGD are reported in units of GPD.

- **Load Calculator routines.** EPA’s quality review for the Load Calculator routines included accuracy checks for database queries on the 2008 data in the DMR Loadings Tool. EPA reviewed the programming code used to develop each query to verify the logic and verified that the number of records in the output table equaled the number of records in intermediate queries to ensure that no data were missing and that there were no duplicate data. In addition, EPA performed hand calculations to verify the accuracy of the Load Calculator module outputs during reviews of facility discharges for *DMRLoads2008* results.
- **DMRLoads2008 results.** EPA’s quality review of the *DMRLoads2008* results included the following:
 - *Completeness checks.* EPA compared counts of dischargers in *DMRLoads2008* to *DMRLoads2007* to confirm the completeness of the database. There were 2,018 major discharging facilities that reported a load to *DMRLoads2007* and 2,036 major discharging facilities that reported a load to *DMRLoads2008*. There were 14,888 minor discharging facilities that reported a load to *DMRLoads2008*; however, EPA did not include minor discharges in previous review. Therefore, EPA cannot determine if *DMRLoads2008* is complete.

- *Accuracy of facility discharges.* EPA reviewed the accuracy of facilities' discharges that had the greatest impact on total category loads and category rankings to identify possible calculation errors. EPA reviewed monitoring period data in PCS and ICIS-NPDES, measurement data available on EPA's Envirofacts web page, and information from each facility's NPDES permit and permit fact sheet. In some cases, EPA contacted facilities to verify the measurements in their DMR. Section 4.3.7 describes EPA's review of facility discharges in more detail.
- *Accuracy of category discharges.* EPA reviewed the accuracy of category discharges by verifying that pollutant discharges in PCS and ICIS-NPDES were assigned to the appropriate point source category. EPA used engineering judgment to determine if the pollutant discharge was reasonably associated with the point source category. Section 4.3.1 discusses facility-level and pollutant-level category assignments.
- *Accuracy of database queries.* EPA's quality review for the development of *DMRLoads2008* included accuracy checks for database queries in *DMRLoadsAnalysis2008*⁶ and *DMRLoads2008*. Documentation of accuracy checks is provided in a QC table in each Microsoft Access™ database.
- *Reasonableness of pollutant loads.* EPA reviewed the DMR Loadings Tool's 2008 output (i.e., the calculated kg/year for each pollutant at each discharge pipe and monitoring location) for those pollutant discharges with the highest toxic-weighted loads (e.g., dioxins, polychlorinated biphenyls (PCBs), and mercury). To identify possible errors in recording units of measure, EPA identified calculated discharges that were orders of magnitude higher than previous years' discharges or discharges from other facilities within the same category. EPA reviewed quantities or concentrations and flows that the DMR Loadings Tool database used to calculate the annual discharge. EPA compared these measurements with measurements available on EPA's Envirofacts web page. If the measurements were similar, then EPA concluded that the output was acceptable. If the data did not match between the databases and Envirofacts, EPA corrected the data to match Envirofacts. When EPA was unsure what the correct data were, EPA contacted the facility or permitting authority for more information (see Section 4.3.7).
- *Reasonableness of facility loads.* EPA identified facility discharges with the highest TWPE. EPA identified facilities for review whose pollutant discharges accounted for more than 95 percent of the TWPE for their point source category. EPA compared 2008 DMR data to other available

⁶ *DMRLoadsAnalysis2008* is a database used to evaluate the impacts of calculation assumptions and corrects SIC Code classifications for certain facilities and certain discharges (i.e., OCSPP and Pesticide discharges). See Section 3.2 of the 2009 SLA Report for further information (U.S. EPA, 2009).

information, such as information from EPA’s Envirofacts web page, and the facility’s NPDES permit and permit fact sheet. If the data did not match between the database and Envirofacts, EPA corrected the data to match Envirofacts. When EPA was unsure what the correct data were, EPA contacted the facility or permitting authority for more information (see Section 4.3.7).

- *Comparability.* EPA compared *DMRLoads2008* to *DMRLoads2007* to identify pollutant discharges or wastewater flows that differed more than the year-to-year variation of other chemicals and facilities. EPA used this comparison to determine if quantity, concentration, or flow corrections were needed for facility discharges with the highest TWPE. If the comparison was unavailable (e.g., the pollutant was not previously reported) EPA contacted the facility or permitting authority (see Section 4.3.7).

4.3.7 *DMRLoads2008: Facility Reviews*

EPA reviewed the accuracy of facility discharges that had the greatest impact on total category loads and category rankings in *DMRLoads2008*. EPA reviewed facilities with the highest toxic-weighted discharges of individual pollutant parameters. For the identified facilities, EPA used the following steps to review the accuracy of the loads calculated from PCS and ICIS-NPDES data:

1. Reviewed database corrections for *DMRLoads2007*, *PCSLoads2004*, *PCSLoads2002*, and *PCSLoads2000* to determine whether corrections were made during previous reviews and evaluated whether EPA should apply these corrections to the 2008 DMR discharges.
2. Reviewed 2008 DMR data, hand-calculated annual pollutant loads, and compared the results to loads calculated by the DMR Loading Tool and stored in *DMRLoads2008*.
3. Reviewed PCS and ICIS-NPDES pipe description information available in PCS, EPA’s on-line Envirofacts data system, ICIS-NPDES supporting tables, or from the facility’s NPDES permit and permit fact sheet to identify monitored pollutant discharges that are:
 - Intermittent (e.g., tidal, seasonal, or occur after a storm event);
 - Internal monitoring locations from which wastewater is combined with other waste streams and monitored again, resulting in double-counting loads; and
 - Not representative of category discharges (e.g., stormwater runoff from nonprocess areas, noncontact cooling water, or wastewater related to operations in another point source category).

Table 4-5 presents EPA’s facility review and corrections made to the *DMRLoads2008* database.

Table 4-5. Summary of *DMRLoads2008* Facility Review

| Facility | Location | Point Source Category | Pollutant(s) in Question | Review Findings | Action Taken/ Database Correction |
|-----------------------------|--------------------|---------------------------------|--------------------------|---|--|
| Monongahela Power Company | Willow Island, WV | Steam Electric Power Generating | Chlorine | Outfall 001 free chlorine Jul 2008 concentration is 1,000 times higher than other monthly concentrations. Outfall 001 total residual chlorine Sept and Oct 2008 concentrations were in mg/L in the DMR Loadings Tool, while Envirofacts concentrations are in ug/L. | Revise Jul 2008 free chlorine and Sept and Oct 2008 total residual chlorine concentrations by dividing by 1,000. |
| Fulton County Commissioners | OH | Sanitary | Low Level Mercury | Outfall 001 low level mercury Sept 2008 concentration in the DMR Loadings Tool is 1,000,000 times higher than the concentrations reported in Envirofacts. | Revise Sept 2008 mercury concentration by dividing by 1,000,000. Revise number of reporting units and number of days to reflect annual reporting. |
| General Electric – Erie | Erie, PA | Metal Finishing | Mercury | Outfall 001 mercury 2008 concentration in the DMR Loadings Tool is 1,000,000 times higher than the 2007 concentration that EPA corrected as a result of facility-provided information. | Revise all mercury concentrations by dividing by 1,000,000. |
| Ohio Valley Coal Company | Washington TWP, OH | Coal Mining | Selenium | Outfall 001 selenium Dec 2008 concentration in the DMR Loadings Tool is 1,000,000 times higher than other monthly concentrations. | Revise Dec 2008 selenium concentration by dividing by 1,000,000. Revise number of reporting units and number of days to reflect quarterly reporting. |

Table 4-5. Summary of *DMRLoads2008* Facility Review

| Facility | Location | Point Source Category | Pollutant(s) in Question | Review Findings | Action Taken/ Database Correction |
|-----------------------------|----------------|---------------------------|--------------------------|--|---|
| TX Eastern Trans-Gladeville | Gladeville, TN | Electric & Gas | PCBs | Outfall 002 PCB Jan 2008 concentration in the DMR Loadings Tool is 1,000 times higher than other monthly concentrations. Envirofacts units for Jan 2008 are µg/L, not mg/L. | Revise Jan 2008 PCB concentration by dividing by 1,000. |
| Village of Elida | Elida, OH | Nonclassifiable | Low Level Mercury | Outfall 001 low level mercury Jun, Aug, and Sept 2008 concentrations are in the DMR Loadings Tool as mg/L, while the concentrations in Envirofacts are in ng/L. | Revise Jun, Aug, and Sept 2008 low level mercury concentrations by dividing by 1,000,000. Revise number of reporting units and number of days to reflect quarterly reporting. |
| Clemson University WWTF | Clemson, SC | Education | Total Mercury | Outfall 001 Mar, Jun, Sept 2008 total mercury concentrations in the DMR Loadings Tool do not match the concentrations in Envirofacts. | Revise total mercury concentration values. Revise number of reporting units and number of days to reflect quarterly reporting. |
| Carbon Limestone Landfill | OH | Landfills | Low Level Mercury | Outfall 001 low level mercury Jan and Dec 2008 concentrations are in the DMR Loadings Tool as mg/L, while concentrations in Envirofacts are in ng/L. | Revise Jan and Dec 2008 mercury concentrations by dividing by 1,000,000. |
| Tyson's Foods, Inc. | Carthage, MS | Meat and Poultry Products | Mercury | Facility contact identified that the 2008 total recoverable mercury concentrations for outfall 001 were reported as ng/L but were in the DMR Loadings Tool as mg/L (Lovitt, 2010). | Revise mercury concentration by dividing by 1,000,000. Revise mercury quantities to reflect concentrations updates. |

Table 4-5. Summary of *DMRLoads2008* Facility Review

| Facility | Location | Point Source Category | Pollutant(s) in Question | Review Findings | Action Taken/ Database Correction |
|---------------------------------|--------------------|---------------------------------|--------------------------|---|---|
| AKZO Nobel Functional Chemical | Axis, AL | Inorganic Chemicals | Total Mercury | Outfall 006 Dec 2008 total mercury concentration is 1,000 times higher than other concentrations in the DMR Loadings Tool. Facility contact confirmed that the Dec 2008 total mercury concentration was reported in µg/L, but was in the DMR Loadings Tool as mg/L (Williams, 2010). | Revise Dec 2008 total mercury concentration by dividing by 1,000. |
| Arcelormittal Weirton, Inc. | Weirton, WV | Iron and Steel | Cyanide | Outfall 003 Aug 2008 cyanide concentration in the DMR Loadings Tool is 1,000 times higher than other monthly concentrations. | Revise Aug 2008 cyanide concentration by dividing by 1,000. |
| USEC PDGDP | McCracken, KY | Nonferrous Metals Manufacturing | PCBs | Facility contact verified the 2008 PCB concentrations in the DMR Loadings Tool and indicated that the outfalls are for stormwater runoff. The PCBs are due to legacy activity at the site, and the facility treats all process water that may have PCBs using carbon adsorption (Travis, 2010). | No action. |
| Cargill Corn Milling (Progold) | Wahpeton, ND | Grain Mills | Chloride | Outfall 001 Jan 2008 chloride concentration is 10,000 times higher than other monthly concentrations in the DMR Loadings Tool. Also, Jan 2008 average concentration reported is 10,000 higher than the maximum concentration. | Revise Jan 2008 average chloride concentration by dividing by 10,000. |
| Marathon Oil – Maverick Springs | Fremont County, WY | Oil & Gas Extraction | Sulfur | 2008 sulfide concentrations are comparable to 2007 and 2009 concentrations. | No action. |

Table 4-5. Summary of *DMRLoads2008* Facility Review

| Facility | Location | Point Source Category | Pollutant(s) in Question | Review Findings | Action Taken/ Database Correction |
|---------------------------|--------------------|--|--------------------------|---|--|
| Smithfield Packing Co Inc | Tar Heel, NC | Meat and Poultry Products | Chlorine | Outfall 001 Apr through Sept 2008 chlorine concentrations are in the DMR Loadings Tool as mg/L, while the concentrations in Envirofacts are in µg/L. | Revise Apr through Sept 2008 chlorine concentrations by dividing by 1,000. |
| Clear Lakes Trout Company | Buhl, ID | Concentrated Aquatic Animal Production | Copper | Outfall 001 Jan 2008 copper concentration is 9 mg/L, but all other months are No Data Indicator (NODI) 9 in the DMR Loadings Tool. Facility contact verified that the copper Jan 2008 concentration was a data entry error (Bogaard, 2010). | Delete Jan 2008 copper concentration and change NODI code to 9. |
| Hercules, Incorporated | Brunswick, GA | Gum and Wood | Toxaphene | Facility contact stated that the outfall 001 2008 toxaphene concentrations were reversed with the total suspended solids (TSS) concentrations. Facility contact stated that the toxaphene concentrations are all below detection limit (BDL) (Bernarack, 2010). | Reverse all toxaphene concentrations and TSS concentrations and add BDL indicators to all toxaphene concentrations. |
| Valley View Landfill | Trimble County, KY | Landfills | Mercury | Outfall 001 Jun 2008 and outfall 004 Mar 2008 mercury concentrations were high compared to the other concentrations reported. Facility contact stated that the concentrations for both outfalls should be reported as nondetect. The contact also stated that the concentration value should be 0.0002, not 40 (Knarr, 2010). | Revise outfall 001 Jun 2008 and outfall 004 Mar 2008 mercury concentrations to 0.0002 mg/L and add BDL indicators to mercury concentrations. |

Table 4-5. Summary of *DMRLoads2008* Facility Review

| Facility | Location | Point Source Category | Pollutant(s) in Question | Review Findings | Action Taken/ Database Correction |
|---------------------------------|--------------------|-----------------------|--------------------------|---|---|
| Former Koppers Facility | Kansas City, MO | Timber | TCDD | Facility contact confirmed that all outfall 004 and 005 2008 TCDD concentrations were all nondetect (Rayna, 2010). Number of days and number of reporting units did not match reported concentrations. | Add BDL indicators to all 2008 TCDD concentrations for outfalls 004 and 005. Revise the number of reporting units and number of days. |
| EI DuPont De Nemours & Co | Washington, WV | OCPSF | Hexachlorobenzene | Outfall 002, 005, and 102 2008 hexachlorobenzene concentrations are reported as the same concentration for all months. Therefore, assumed that all the concentrations should be nondetect. | Add BDL indicators to all 2008 hexachlorobenzene concentrations for outfalls 002, 005, and 102. |
| Eastman Chemicals/SC Operations | Saint Matthews, SC | OCPSF | Mercury | Outfall 001 Jan 2008 mercury concentrations has a leading (i.e., prior to the decimal place) 4 in the DMR Loadings Tool, while Envirofacts has a leading 0. | Revise Jan 2008 mercury concentration value to remove the leading 4. |
| Galey & Lord/Society Hill | Society Hill, SC | Textile mills | Mercury | Outfall 001 2008 total mercury concentration has a leading (i.e., prior to the decimal place) 4 in the DMR Loadings Tool, while Envirofacts has leading 0. | Revise 2008 total mercury concentration value to remove the leading 4. |
| Wyeth Research | Chazy, NY | Labs | Mercury | Outfall 001 Jul 2008 mercury quantity in the DMR Loadings Tool does not match the quantity calculated using the concentration and flow or data in Envirofacts. EPA used the concentration and flow to calculate the correct quantity. | Revise Jul 2008 mercury quantity. |

Table 4-5. Summary of *DMRLoads2008* Facility Review

| Facility | Location | Point Source Category | Pollutant(s) in Question | Review Findings | Action Taken/ Database Correction |
|-------------------------------|------------------|---------------------------------|--------------------------|---|--|
| Bridgeport Water Plant | Bridgeport, OH | Drinking Water | Manganese | Outfall 002 Feb, Apr, and Nov 2008 manganese quantities in the DMR Loadings Tool do not match quantities calculated using the concentration and flow or the data reported in Envirofacts. EPA used the concentration and flow to calculate the correct quantity. | Revise hexachlorobenzene quantity to match data reported in Envirofacts |
| Koppers Industries Inc | Follansbee, WV | OCPSF | Hexachlorobenzene | Outfall 101 Feb 2008 hexachlorobenzene quantities in the DMR Loadings Tool do not match data reported in Envirofacts. | Revise hexachlorobenzene quantity. |
| ASA Ethanol Bloomingburg, LLC | OH | OCSPF | Iron, Fluoride | Outfall 001 Mar and Apr 2008 fluoride quantities are 1,000,000 times higher than the calculated quantities using the concentrations and flows in the DMR Loadings Tool. Iron quantities for May and Aug through Dec 2008 have a leading (i.e., prior to the decimal place) 4 in the DMR Loadings Tool, while Envirofacts has leading 0. | Revise Mar and Apr 2008 fluoride quantities by dividing by 1,000,000. Revise May and Aug through Dec 2008 iron quantities to remove the leading 4. |
| Special Metals Corp | New Hartford, NY | Nonferrous metals manufacturing | PCB-1254 | Outfall 001 PCB-1254 quantity are 1,000 times higher than when the quantity is calculated using the concentration and flow in the DMR Loadings Tool. All concentrations were also reported as non-detect in the DMR Loadings Tool. | Revise PCB-1254 quantity to match quantity calculated using concentration and flow. Also, add BDL indicators to PCB-1254 quantities. |

Table 4-5. Summary of *DMRLoads2008* Facility Review

| Facility | Location | Point Source Category | Pollutant(s) in Question | Review Findings | Action Taken/ Database Correction |
|-----------------------------------|-----------------------|-----------------------------------|--------------------------|--|--|
| Smith's Pleasant Valley | OH | Nonclassifiable | Chlorine | Outfall 001 Jun, Aug, and Oct 2008 flows are in the DMR Loadings Tool as MGD, while flows in Envirofacts are in GPD. | Revise Jun, Aug, and Oct 2008 flows for Outfall 001 by dividing by 1,000,000. |
| Bulk Plant Inc Flemingsbrg #39 | Fleming County, KY | Petroleum Refining | Benzene | Outfall 001 flows for Mar, Jun, and Sept 2008 are extremely high (between 4,000 and 30,000 MGD). Flows should be reported as GPD, not MGD. | Revise Mar, Jun, and Sept flows for Outfall 001 by dividing by 1,000,000. |
| Pelican Grove Campground | OH | Hotels & Other Lodging Places | Chlorine | Outfall 001 flows for 2008 are in the DMR Loadings Tool as MGD, while flows in Envirofacts are in GPD. | Revise flows for Outfall 001 by dividing by 1,000,000. |
| SPARTA Water Treatment Plant | Sparta, TN | Drinking Water Treatment | Chlorine | Outfall 001 flows for Jan through Jul 2008 are not consistent with other months, or the data reported in Envirofacts for 2009. | Revise Jan through Jul 2008 flows for Outfall 001 by dividing by 1,000,000. |
| CAPPS Tavern | OH | Food Service Establishments | Chlorine | Outfall 001 flows for 2008, excluding Jan and Oct, are in the DMR Loadings Tool as MGD, while flows in Envirofacts are in GPD. | Revise flows, excluding Jan and Oct, for Outfall 001 by dividing by 1,000,000. |
| Saint Ilija Macadonian Church | OH | Membership Organizations | Chlorine | Outfall 001 flows for 2008 are in the DMR Loadings Tool as MGD, while flows in Envirofacts are in GPD. | Revise flows for Outfall 001 by dividing by 1,000,000. |
| Contech U.S. LLC | Pierceton, IN | Wholesale Trade- Durable Goods | Lead | Outfall 001 flow for Feb 2008 is reported in the DMR Loadings Tool as MGD, while other flows in the DMR Loadings Tool are reported as GPD. | Revise flow for Feb 2008 for Outfall 001 by dividing by 1,000,000. |

Table 4-5. Summary of *DMRLoads2008* Facility Review

| Facility | Location | Point Source Category | Pollutant(s) in Question | Review Findings | Action Taken/ Database Correction |
|--------------------------------|----------------|---------------------------------------|--------------------------|---|---|
| Norbet Fun Family Bowling | OH | Amusement & Recreation Services | Chlorine | Outfall 001 flows for 2008, excluding Jan and Apr, are in the DMR Loadings Tool as MGD, while flows in Envirofacts are in GPD. | Revise flows excluding Jan and Apr, for Outfall 001 by dividing by 1,000,000. |
| SAKAS, Inc. | OH | Metal Finishing | Chlorine | Outfall 001 flows for 2008 are in the DMR Loadings Tool as MGD, while flows in Envirofacts are in GPD. | Revise flows for Outfall 001 by dividing by 1,000,000. |
| Dowel Town-Liberty WTP | Liberty, TN | Drinking Water Treatment | Aluminum | Outfall 001 flows for Jan, Mar, and May 2008 are 1,000,000 times higher than other reported flows and the design flow. | Revise flows for Outfall 001 (Jan, Mar, May 2008) by dividing by 1,000,000. |
| Speedway Super America LLC | OH | Automotive Dealers & Service Stations | Chlorine | Outfall 001 flows for 2008, excluding Jul, are in the DMR Loadings Tool as MGD, while flows in Envirofacts are in GPD. | Revise flows, excluding Jul, for Outfall 001 by dividing by 1,000,000. |
| Le-O-Na Falls Mobile Home Park | OH | Real Estate | Chlorine | Outfall 001 flows for 2008, excluding Jul, are in the DMR Loadings Tool as MGD, while flows in Envirofacts are in GPD. | Revise flows, excluding Jul, for Outfall 001 by dividing by 1,000,000. |
| MSAD #9 | Farmington, ME | Education | Chlorine | Outfall 001 flows for 2008, except Sept and Oct, are in the DMR Loadings Tool as MGD, while flows in Envirofacts are reported as GPD. | Revise flows, excluding Sept and Oct, for Outfall 001 by dividing by 1,000,000. |
| MSAD #52 | Turner, ME | Education | Chlorine | Outfall 001 flows for 2008, except Jun through Aug, are in the DMR Loadings Tool as MGD, while flows in Envirofacts are in GPD. | Revise flows, except Jun through Aug, for Outfall 001 by dividing by 1,000,000. |

Table 4-5. Summary of *DMRLoads2008* Facility Review

| Facility | Location | Point Source Category | Pollutant(s) in Question | Review Findings | Action Taken/ Database Correction |
|-----------------------------|--------------------|----------------------------------|--------------------------|--|--|
| MEAD Depot Landfill | OH | Waste Combustors | Manganese | Outfall 001 flows for Aug through Dec 2008 and Outfall 002 flows for Jan and Mar through Aug 2008 are in the DMR Loadings Tool as MGD, while flows in Envirofacts are in GPD. | Revise flows listed as MGD for Outfall 001 and Outfall 002 by dividing by 1,000,000. |
| Charm Countryview Inn, Inc. | OH | Food Service | Chlorine | Outfall 001 flows for Feb through Oct 2008 are in the DMR Loadings Tool as MGD, while flows in Envirofacts are in GPD. | Revise flows for Feb through Oct 2008 for Outfall 001 by dividing by 1,000,000. |
| Korner Kitchen | OH | Food Service | Chlorine | Outfall 001 flows for Feb through Dec 2008 are in the DMR Loadings Tool as MGD, while flows in Envirofacts are in GPD. | Revise flows for Feb through Dec 2008 for Outfall 001 by dividing by 1,000,000. |
| Envirosystems Incorporated | Hampton, NH | Independent and Stand Alone Labs | Cadmium | Outfall 002 flows for Sept and Oct 2008 (DRIDs A and B) were 1,000,000 times higher than other months reported and the permit design flow is 400 GPD (U.S. EPA Region 1, 2006). | Revise Sept and Oct 2008 flows for Outfall 002 by dividing by 1,000,000. |
| Bullitt Co Landfill | Bullitt County, KY | Landfills | Iron | Outfall 001 flows for Jan, July, and October 2008 were 1,000,000 times higher than other flows reported. KY DEP Permit Manager indicated that flows for Jan, July, and October 2008 were reported as GPD, not MGD. Also noted that the facility was a municipal waste landfill (Becker, 2010). | Revise flows for Jan, July, and October 2008 for Outfall 001 and change SIC code to link to the Landfills Category only. |
| Stevens Aviation, Inc. | Vandalia, OH | Wholesale Trade-Nondurable Goods | Lead | Outfall 001 flow for Aug 2008 is in the DMR Loadings Tool as MGD, while flow in Envirofacts is in GPD. | Revise flow for Aug 2008 for Outfall 001 by dividing by 1,000,000. |

Table 4-5. Summary of *DMRLoads2008* Facility Review

| Facility | Location | Point Source Category | Pollutant(s) in Question | Review Findings | Action Taken/ Database Correction |
|-----------------------------|--------------------|---------------------------------|--------------------------|--|---|
| Reed Duplex Apt BLDG | Madison County, KY | Real Estate | Chlorine | Outfall 001 flow for Sept 2008 was high compared to other flows. KY DEP Permit Manager indicated permit design flow is 0.001 MGD and that the facility reported incorrect units (MGD instead of GPD) (Becker, 2010). | Revise flow for Sept 2008 for Outfall 001 by dividing by 1,000,000. |
| Deborah K. Schiemann | OH | Social Services | Chlorine | Outfall 001 flows for May through Oct 2008 are in the DMR Loadings Tool as MGD, while flows in Envirofacts are in GPD. | Revise flows for May through Oct 2008 for Outfall 001 by dividing by 1,000,000. |
| John W Black Aquatic Center | Oldham County, KY | Amusement & Recreation Services | Chlorine | Outfall 001 flows for May through Sept 2008 are all reported in the Loadings Tool as MGD, but assumed were reported as GPD because of the nature of the facility (aquatic center). | Revise flows for May through Sept 2008 for Outfall 001 by dividing by 1,000,000. |
| Sugar Grove Bible Church | OH | Membership Organizations | Chlorine | Outfall 001 flows for 2008 are in the DMR Loadings Tool as MGD, while flows in Envirofacts are in GPD. | Revise flows for Outfall 001 by dividing by 1,000,000. |
| Wullenweber Motors | OH | Wholesale Trade-Durable Goods | Chlorine | Outfall 001 flows for Jan through May, July, Aug, and Dec 2008 are in the DMR Loadings Tool as MGD, while flows in Envirofacts are in GPD. | Revise flows for months listing flow units of MGD for Outfall 001 by dividing by 1,000,000. |
| Cognis Corporation | OH | OCPSF | Copper | Outfall 010 flows for Oct 2008 and outfall 033 flows for May, Aug, Nov 2008 are in the DMR Loadings Tool as MGD, while flows in Envirofacts are in GPD. | Revise MGD flows for Outfalls 010 and 033 by dividing by 1,000,000. |

Table 4-5. Summary of *DMRLoads2008* Facility Review

| Facility | Location | Point Source Category | Pollutant(s) in Question | Review Findings | Action Taken/ Database Correction |
|-------------------------------|-------------------|---|--------------------------|--|--|
| Holiday Motel WWTF | Cleveland, TX | Hotels & Other Lodging Places | Chlorine | Outfall 001 flows for Feb, Jun, and Oct 2008 are 1,000,000 times higher than flows reported for the other months. | Revise flows for Feb, June, and Oct for Outfall 001 by dividing by 1,000,000. |
| A.P. Green Refractories , Co. | Oak Hill, OH | Mineral Mining | Chlorine | Outfall 001 flows for 2008, excluding Feb, are in the DMR Loadings Tool as MGD, while flows in Envirofacts are reported as GPD. | Revise flows, excluding Feb, for Outfall 001 by dividing by 1,000,000. |
| Sebasco Harbor Resort LLC | Phippsburg, ME | Hotels | Chlorine | Outfall 002 flows for May through Oct 2008 are in the DMR Loadings Tool as MGD, while flows in Envirofacts are GPD. | Revise flows for May through Oct 2008 for Outfall 002 by dividing by 1,000,000. |
| Newagen Seaside Inn | Southport, ME | Hotels | Chlorine | Outfall 001 flows for Jun through Sept 2008 are in the DMR Loadings Tool as MGD, while flows in Envirofacts are GPD (auto-corrected by the DMR Loadings Tool). | Revise June, July, and Sept 2008 flows for Outfall 001 by dividing by 1,000,000. |
| US Dept of the Interior | Winter Harbor, ME | National Security & International Affairs | Chlorine | Outfall 001 flows for May and Jun 2008 are in the DMR Loadings Tool as MGD, while flows in Envirofacts are in GPD. | Revise flows for May and Jun 2008 for Outfall 001 by dividing by 1,000,000. |
| Engineered Coil Company | High Ridge, MO | Metal Finishing | Copper | Outfall 002 flows for Nov 2008 are in the DMR Loadings Tool as MGD, while flows in Envirofacts are in GPD. | Revise flows for Nov 2008 for Outfall 002 by dividing by 1,000,000. |

Table 4-5. Summary of *DMRLoads2008* Facility Review

| Facility | Location | Point Source Category | Pollutant(s) in Question | Review Findings | Action Taken/ Database Correction |
|--------------------------------|-------------------|-------------------------------|--------------------------|--|--|
| Harbison-Walker Refractor | Vanalia, OH | Mineral Mining and Processing | Aluminum | Outfall 001 flows for Mar, Jun, and Sept 2008, are not consistent with other months or the design flow of 230 MGD. The facility permit stated that the flows are based on precipitation; however, the units are suspected to be incorrect (State of Missouri, 2005). | Revise March, June, and Sept flows for Outfall 001 by dividing by 1,000. |
| Hamilton Water Treatment Plant | Hamilton, AL | Drinking Water Treatment | Aluminum | Outfall 001 flows for 2008, excluding Feb, are 1,000 times higher than corrected flows from 2007. | Revise all flows for Outfall 001 by dividing by 1,000. |
| Cook's Hams, Inc. | Lincoln, NE | Meat and Poultry Products | Sulfur | Outfall 001 flow for Jun 2008 is 1,000 times higher than all other months, the maximum daily flow for Jun 2008, and the permit design flow (0.069 MGD). | Revise Jun 2008 flow for Outfall 001 by dividing by 1,000. |
| PRASA WTP Miradero Filter PLT | Mayaguez, PR | Drinking Water Treatment | Chlorine | Outfall 001 flow for May 2008 was 1,000 times higher than the flows reported for other months. Suspect units error during data entry. | Revise May 2008 flow for Outfall 001 by dividing by 1,000. |
| PRASA WTP Sergio Cuevas | Trujillo Alto, PR | Drinking Water Treatment | Chlorine | Outfall 001 flows for May and Aug 2008 are 1,000 times higher than other monthly flows. | Revise May and Aug 2008 flows for Outfall 001 by dividing flows by 1,000. |
| National Copper and Smelting | Huntsville, AL | Copper forming | Zinc | Outfall 002 flows for Jul through Nov 2008 were 1,000 times higher than other reported monthly flows. Also, zinc concentrations reported for July through Sept 2008 for Outfall 002 were 1,000 times higher than other monthly concentrations. | Revise flows for Jul through Nov 2008 for Outfall 002 by dividing flows by 1,000. Revise concentrations for July through Sept 2008 for zinc by dividing concentrations by 1,000. |

Table 4-5. Summary of *DMRLoads2008* Facility Review

| Facility | Location | Point Source Category | Pollutant(s) in Question | Review Findings | Action Taken/ Database Correction |
|------------------------------|----------------------|--|--------------------------|--|--|
| Bayview Detention CTR WWTF | Los Fresnos, TX | Justice, Public Order, & Safety | Chlorine | Outfall 001 flows for 2008 reported to the DMR Loadings Tool did not match the Envirofacts data. TCEQ contact indicated that the facility is a POTW and the flow permit limit is 0.16 MGD. | Revise flows for Outfall 001 by dividing flows by 1,000 and change SIC code to link to POTWs. |
| KODAK Colorado Division | Windsor, CO | Metal Finishing | Silver | Outfall 006 flow is not consistent with other flows reported for the facility in 2008. Facility contact stated that the average flow for Outfall 006 is about 150 L/day (0.000039 MGD) (Peterson, 2010). | Replace flows for Outfall 006. |
| Catskill State Fish Hatchery | Livingston Manor, NY | Concentrated Aquatic Animal Production | Formaldehyde | Outfall 001 flows for 2008 were extremely high. NYSDEC contact verified that flows for all months were reported in GPM, not MGD, based on discussions with the facility (Sansalone, 2010). | Database Change: Revise flows for Outfall 002 by dividing by 694. |
| SEAPAC of Idaho, Inc. | Hagerman, ID | Concentrated Aquatic Animal Production | Copper | Outfall 001 flows and outfall OSB flows for 2008 were reported with the incorrect units (unknown) in the DMR Loadings Tool when compared to Envirofacts (cubic feet per second (CFS) with different values). | Database Change: Revise flows for Outfalls 001 and OSB by dividing by 1.55. |
| Upshur Property, Inc. | Tallmansville, WV | Coal Mining | Selenium | Outfalls 001, 002, and 004 flows are in the DMR Loadings Tool as MGD, while Envirofacts flows are in GPM. Outfall 402 flows are in the DMR Loadings Tool as MGD while Envirofacts flows are in CFS. | Database Change: Revise flows for Outfalls 001, 002, 004 from GPM to MGD by dividing by 694. Revise flows for Outfall 402 from CFS to MGD by dividing by 1.55. |

Table 4-5. Summary of *DMRLoads2008* Facility Review

| Facility | Location | Point Source Category | Pollutant(s) in Question | Review Findings | Action Taken/ Database Correction |
|--|--------------|-----------------------|--------------------------|---|--|
| US Steel Corp – Mon Valley Works - Edgar Thomson | Braddock, PA | Iron and Steel | Iron | Facility contact identified that the facility measures pollutant concentrations in their stormwater prior to commingling with noncontact cooling water. EPA developed a flow factor using the 2004 data, to determine the amount of stormwater in the total outfall flow for more accurate load estimates (Belack, 2007). | Database Change: Revise flows for Outfalls 005, 006, 008, and 009 by applying flow factor. |

4.4 Corrections to the *TRIRelases2008* Database

EPA developed the *TRIRelases2008* database as part of the 2010 annual review using the methodology explained in the 2009 SLA Report (U.S. EPA, 2009) with the methodology updates described in Section 4.2.2.

During previous screening-level analyses, EPA identified numerous facility-specific corrections for TRI data reported for calendar years 2002 through 2007. Several of these corrections similarly apply to the 2008 TRI data. In addition, EPA reviewed the quality of the 2008 TRI data for facilities with discharges that have the greatest impact on total category loads and category rankings. Table B-1 in Appendix B of this report lists all corrections made to the 2008 TRI data.

4.4.1 *TRIRelases2008: Categorization of Discharges*

This section describes database corrections to categorization of facilities and pollutant discharges in *TRIRelases2008*. Section 4 of the 2009 SLA Report describes the development of the NAICS/Point Source Category Crosswalk, which EPA uses to link between facility NAICS codes and categories with existing ELGs (U.S. EPA, 2009). Because most point source categories are not defined by NAICS code, the relationship between NAICS code and point source category is not a one-to-one correlation. A single NAICS code may include facilities in more than one point source category, and associating an NAICS code with only one category may be an oversimplification. Also, many facilities have operations subject to more than one point source category. Further, facilities in some categories report a variety of NAICS codes that do not correlate directly to a point source category, precluding identification by NAICS code (e.g., Centralized Waste Treatment facilities). Section 5 of the 2009 SLA Report describes the database changes, summarized below (U.S. EPA, 2009):

- *Facility-Level Point Source Category Assignment.* For some NAICS codes that include facilities subject to guidelines from more than one point source category, EPA was able to assign each facility to the category that best applied to the majority of its discharges. EPA reviewed information available about each facility to determine which point source category applied to the facility's operations.
- *Pollutant-Level Point Source Category Assignment.* Many facilities have operations subject to more than one point source category. For most of these facilities, EPA cannot divide the pollutant discharges among the applicable point source categories. Below are two exceptions where EPA was able to assign wastewater discharges of certain chemicals to the appropriate point source category:
 - OCPSF/Pesticide Chemicals. EPA removed all pesticide discharges from the OCPSF Category and included them as discharges from the Pesticide Chemicals Category.
 - MP&M/Metal Finishing. EPA used the methodologies described in Section 4 of the 2009 SLA Report to apportion pollutant loads between the MP&M and Metal Finishing Categories.

- *Categories Not Identified by NAICS Code (e.g., Centralized Waste Treatment, Waste Combustor, and Landfills).* The NAICS/Point Source Category Crosswalk does not assign any NAICS codes to the Centralized Waste Treatment (CWT) Point Source Category (40 CFR Part 437), Waste Combustor Point Source Category (30 CFR Part 444), or Landfills Category (40 CFR Part 445). Furthermore, the applicability of these three regulations is not defined by NAICS codes and no NAICS code properly describes the CWT, waste combustor, or landfill services. Currently, EPA assigns all facilities reporting NAICS code 562213 (Solid Waste Combustors and Incinerators) as part of the Waste Combustor Category. The remaining facilities, with NAICS codes 562211 (Hazardous Waste Treatment and Disposal) and 562219 (Other Nonhazardous Waste Treatment and Disposal), are included in all three categories, which over estimates the category loads. During previous annual reviews, EPA has identified certain facilities that should be categorized as a CWT, waste combustor, or landfill. EPA assigned these facilities to the correct industrial category. As facilities continue to be reviewed due to high TWPE, EPA classifies them into the correct industrial category based on facility operations.

4.4.2 TRIRelases2008: Pollutant Corrections

This section describes database corrections made to discharges of specific pollutants reported to the TRI for EPA's 2010 screening-level review in the *TRIRelases2008* database.

- *Metal Compounds.* For TRI reporting, facilities may be required to report discharges of a metal (e.g., zinc) and its compounds (e.g., zinc compounds) on a single reporting form. Because the release quantity for the metal compound reporting is based on the mass of the parent metal, EPA uses the parent metal TWF to calculate TWPE for the metal and metal compound discharges. For ranking purposes, EPA combined the TWPEs for the metal and metal compounds (i.e., TWPE reported for “zinc and zinc compounds”). For more details on this correction, see Section 3.4.4 of the 2009 SLA Report (U.S. EPA, 2009).
- *Sodium Nitrite.* For TRI reporting, sodium nitrite release quantities are reported as the mass of the sodium nitrite. Sodium nitrite is an ionic salt that will fully dissociate into nitrite and sodium ions in aqueous solutions. In addition, the nitrite ions are unstable in water and will oxidize to nitrate. Therefore, EPA converted the pounds of TRI-reported sodium nitrite discharges to pounds of nitrogen in the discharge and used the TWF for “nitrate as N” (0.0032) to calculate TWPE for sodium nitrite. In addition, EPA also used the POTW removal for nitrate to account for the removal of sodium nitrite in POTWs.
- *Phosphorus (Yellow or White).* Yellow and white phosphorus, both allotropes of elemental phosphorus, are hazardous chemicals that spontaneously ignite in air. During the 2006 screening-level review, EPA determined that facilities were incorrectly reporting discharges of total phosphorus (i.e., the phosphorus portion of phosphorus-containing compounds) as phosphorus (yellow or white) (U.S. EPA, 2006a). Therefore, EPA deleted all phosphorus (yellow or white) discharges reported to TRI for the 2010 screening-level review.

4.4.3 *TRIReleases2008: Data Quality Review*

EPA evaluated the quality of TRI data for use in the 2010 screening-level review and prioritization of loadings of toxic and nonconventional pollutants discharged by industrial categories based on completeness, accuracy, reasonableness, and comparability. The *Quality Assurance Project Plan for the 2009 Annual Screening-Level Analysis of TRI, ICIS-NPDES, and PCS Industrial Category Discharge Data* describes the quality objectives in more detail (ERG, 2009). The following discussion provides an overview of the quality review steps:

- *Completeness Checks.* EPA compared counts of facilities in *TRIReleases2008* to *TRIReleases2007*, *TRIReleases2005*, *TRIReleases2004*, *TRIReleases2003*, *TRIReleases2002*, and *TRIReleases2000* to describe the completeness of the database. The comparison showed that for 72 percent of the point source categories or NAICS code groupings, the number of facilities reporting wastewater discharges changed by less than 25 percent from 2007 to 2008. EPA also determined that most NAICS codes exhibiting a large percentage change did so because only a few facilities in these NAIC codes reported discharges (e.g., a change from one facility to three facilities is equivalent to a 200 percent increase).
- *Accuracy of Facility Discharges.* EPA reviewed the accuracy of facilities' discharges that had the greatest impact on total category loads and category rankings. EPA identified facilities for review whose pollutant discharges accounted for more than 95 percent of the TWPE for their point source category. EPA compared 2008 TRI data to other available information, such as PCS and ICIS-NPDES, information from EPA's Envirofacts web page, the facilities' NPDES permits and permit fact sheets, and discussion with facility contacts.
- *Accuracy of Category Discharges.* EPA reviewed the accuracy of category discharges by verifying that pollutant discharges in TRI were assigned to the appropriate point source category. EPA used engineering judgment to determine if pollutant discharges were reasonably associated with the point source category.
- *Accuracy of Database Queries.* EPA's quality review for the development of *TRIReleases2008* included accuracy checks for database queries in *TRICalculations2008*⁷ and *TRIReleases2008*. Documentation of accuracy checks is provided in a QC table in each Microsoft Access™ database.
- *Comparability.* EPA compared *TRIReleases2008* to *TRIRelease2007*, *TRIReleases2005*, *TRIReleases2004*, *TRIReleases2003*, *TRIReleases2002*, and *TRIReleases2000* to identify pollutant discharges that differ more than the year-to-year variation of other chemicals and facilities. From the comparison, EPA determined that 42 percent of the pollutants discharged in both 2008 and 2007 had a change of less than 50 percent in the quantity discharged. EPA also determined that most of the pollutants with a large percentage change reflected initial discharges of small quantities. In addition, most of these pollutant discharges resulted in small TWPEs.

⁷ *TRICalculations2008* is a database EPA created to analyze raw TRI data. See Section 2.4 of the 2009 SLA Report for more detailed information (U.S. EPA, 2009).

4.4.4 *TRIReleases2008: Facility Reviews*

Table 4-6 presents EPA's TRI facility review and corrections made to the *TRIReleases2008* database. EPA reviewed the accuracy of calculated discharges from facilities with discharges that have the greatest impact on total category loads and category rankings. EPA used the following criteria to select facilities for review:

- Facilities with the highest toxic-weighted discharges of all facilities reporting to TRI for reporting year 2008;
- Facilities with the highest toxic-weighted discharges of individual chemicals that contribute the majority of the toxic-weighted discharges for all categories; and
- Facilities with the highest toxic-weighted discharges from categories that contribute the majority of the toxic-weighted discharges for all categories.

For the identified facilities, EPA used the following steps to review the accuracy of the loads calculated from TRI data.

1. Review database corrections for *TRIReleases2007*, *TRIReleases2005*, *TRIReleases2004*, *TRIReleases2003*, *TRIReleases2002*, and *TRIReleases2000* to determine whether corrections were made during previous reviews and evaluate whether these corrections should be applied to *TRIReleases2008*.
2. Review discharges reported to TRI for other reporting years (i.e., 2000, 2002, 2003, 2004, 2005, and 2007) and compare to discharges reported to TRI for reporting year 2008.
3. Review 2008 DMR data in PCS and ICIS-NPDES, if available, to hand-calculate annual pollutant loads and compare to discharges reported to TRI for reporting year 2008.
4. Contact the facility to verify whether the pollutant discharges are reported correctly.

Table 4-6. Summary of *TRI Releases 2008* Facility Review

| Facility Name | Facility Location | Point Source Category | Pollutant(s) in Question | Review Findings | Actions Taken/Database Correction |
|------------------------------------|-------------------|-----------------------|--------------------------|--|--|
| Carolina Pole Leland | Leland, NC | Timber | Dioxin Compounds | Facility did not recognize the dioxin distribution numbering change for the 2008 reporting year. Facility contact stated that the reported grams of dioxin are based on monitoring data – some congeners were detected in 2008 but all were BDL in 2009. Facility provided sampling data that indicated that the dioxin distribution was based on the TRI 2007 distribution numbering (House, 2010). | Revise dioxin distribution. |
| Clean Harbors Deer Park, LP | La Porte, TX | Waste Combustors | Benzidene | Reviewed benzidine DMR data in the DMR Loadings Tool and determined that all 2008 discharges were 0 mg/L. | Revise benzidine load to zero. |
| DuPont Chambers Works | Deepwater, NJ | OCPSF | Hexachlorobenzene, PACs | Facility contact indicated that hexachlorobenzene loads were calculated using half the detection limit. Facility contact confirmed that hexachlorobenzene and PACs were never detected at the facility (Northey, 2007). | Revise hexachlorobenzene and PACs loads to zero. |
| DuPont Chemicals – Starke Facility | Starke, FL | Ore Mining | Dioxin Compounds | Facility did not recognize the dioxin distribution numbering change for the 2008 reporting year. Facility contact confirmed that the dioxin distribution was incorrect. Facility provided facility-specific distribution (Wood, 2010). | Revise dioxin distribution. |

Table 4-6. Summary of *TRIRelases2008* Facility Review

| Facility Name | Facility Location | Point Source Category | Pollutant(s) in Question | Review Findings | Actions Taken/Database Correction |
|---|----------------------|-----------------------|--------------------------|--|--|
| DuPont Delisle Plant | Pass Christian, MS | Inorganic Chemicals | Dioxin Compounds | Facility did not recognize the dioxin distribution numbering change for the 2008 reporting year. Facility contact confirmed that the dioxin distribution was incorrect. Facility provided facility-specific distribution (Wood, 2010). | Revise dioxin distribution. |
| DuPont Edge Moor | Edgemoor, DE | Inorganic Chemicals | Dioxin Compounds | Facility did not recognize the dioxin distribution numbering change for the 2008 reporting year. Facility contact confirmed that the dioxin distribution was incorrect. Facility provided facility-specific distribution (Wood, 2010). | Revise dioxin distribution. |
| DuPont Johnsonville Plant | New Johnsonville, TN | Inorganic Chemicals | Dioxin Compounds | Facility did not recognize the dioxin distribution numbering change for the 2008 reporting year. Facility contact confirmed that the dioxin distribution was incorrect. Facility provided facility-specific distribution (Wood, 2010). | Revise dioxin distribution. |
| ExxonMobil Chemical Baton Rouge Chemical Plant | Baton Rouge, LA | OCPSF | PACs | Facility contact confirmed that the pounds released were based on half the detection limit and that PACs were never detected at the facility (Fellows, 2003). | Revise PACs load to zero. |
| ExxonMobil Oil Corp Joliet Refinery | Channahon, IL | Petroleum Refining | Hexachlorobenzene | Facility contact confirmed that the pounds released were based on half the detection limit. Contact did not recall any previous years where hexachlorobenzene was detected (Noga, 2010). | Revise hexachlorobenzene load to zero. |

Table 4-6. Summary of *TRIRelases2008* Facility Review

| Facility Name | Facility Location | Point Source Category | Pollutant(s) in Question | Review Findings | Actions Taken/Database Correction |
|--|-------------------|---------------------------------|-------------------------------|--|---|
| Formosa Plastics Corporation Louisiana | Baton Rouge, LA | CCH | Dioxin Compounds | Facility did not recognize the dioxin distribution numbering change for the 2008 reporting year. Dioxin distribution reported in 2008 is similar to 2003 distribution (using previous reporting years' numbering scheme). | Revise dioxin distribution. |
| Formosa Plastics Corporation Texas | Point Comfort, TX | CCH | Dioxin Compounds | Facility did not recognize the dioxin distribution numbering change for the 2008 reporting year. Dioxin distribution reported in 2008 is similar to 2003 distribution (using previous reporting years' numbering scheme). | Revise dioxin distribution. |
| Graftech International Holdings, Inc. | Columbia, TN | Carbon Black Manufacturing | PACs | Facility contact provided PACs sampling data. Facility reviewed the monitoring data and determined they overestimated the PAC discharges (1091.23 pounds). Facility contact said they should have reported discharges as 246 pounds of PACs. The monitoring results also provided a distribution for the PAC compounds to create a facility-specific TWF (Aslinger, 2010). | Revise PAC annual load (LBY) from 1,091 to 246. Calculate TWPE using facility-specific TWF. |
| H. Kramer & Co. | Chicago, IL | Nonferrous Metals Manufacturing | Phosphorous (Yellow or White) | Elemental phosphorus is not likely to be discharged by facilities, and is likely reported incorrectly. | Revise phosphorus (yellow or white) load to zero. |

Table 4-6. Summary of *TRIRelases2008* Facility Review

| Facility Name | Facility Location | Point Source Category | Pollutant(s) in Question | Review Findings | Actions Taken/Database Correction |
|------------------------------|-------------------|---|-------------------------------|---|---|
| John Morrell & Co. | Sioux Falls, SD | Meat and Poultry | Mercury | Facility contact confirmed that mercury discharges are estimated based on metals testing performed for the city discharge. Contact stated that all mercury samples were BDL (Draveland, 2010). | Revise mercury load to zero. |
| Lima Refining Co. | Lima, OH | Petroleum Refining | Phosphorous (Yellow or White) | Elemental phosphorus is not likely to be discharged by facilities and is likely reported incorrectly. | Revise phosphorus (yellow or white) load to zero. |
| Louisiana Pigment Co L.P. | Westlake, LA | Inorganic Chemicals | Dioxin Compounds | Facility did not provide a water congener distribution for 2008. Use facility provided distribution from 2007 (Kashyap, 2009). | Revise dioxin distribution. |
| Occidental Chemical Corp | Columbia, TN | Inorganic Chemicals | Phosphorous (Yellow or White) | Elemental phosphorus is not likely to be discharged by facilities, and is likely reported incorrectly. | Revise phosphorus (yellow or white) load to zero. |
| PCS Nitrogen Fertilizer LP | Augusta, GA | Fertilizer Manufacturing | Dioxin Compounds | Facility did not recognize the dioxin distribution numbering change for the 2008 reporting year. Dioxin distribution reported in 2008 is similar to 2005 distribution (using previous reporting years' numbering scheme). | Revise dioxin distribution. |
| U.S. Army Pine Bluff Arsenal | Pine Bluff, AR | National Security & International Affairs | Phosphorous (Yellow or White) | Elemental phosphorus is not likely to be discharged by facilities and is likely reported incorrectly. | Revise phosphorus (yellow or white) load to zero. |

4.4.5 Trends in TRI Data

EPA has identified a consistent decrease every year since 2002 in the total number of facilities reporting to TRI. EPA also identified a consistent decrease in the number of facilities reporting discharges to TRI from 2002 to 2007. However, the number of facilities reporting discharges to TRI increased from 2007 to 2008. Table 4-7 illustrates the trends since 2002.

Table 4-7. Number of Facilities with Data in TRI for Reporting Years 2002 Through 2008

| Reporting Year | Number of Facilities Reporting to TRI | Number of Facilities Reporting Discharges to TRI |
|----------------|---------------------------------------|--|
| 2002 | 24,379 | 8,291 |
| 2003 | 23,811 | 8,051 |
| 2004 | 23,675 | 7,930 |
| 2005 | 23,461 | 7,837 |
| 2006 | 22,880 | 7,506 |
| 2007 | 21,965 | 6,572 |
| 2008 | 21,694 | 6,891 |

Source: *TRIReleases2002*; *TRIReleases2003*; *TRIReleases2004*; *TRIReleases2005*; *TRIReleases2006*; *TRIReleases2007*; and *TRIReleases2008*.

EPA does not have sufficient information to determine the cause of the decrease in the number of facilities reporting to TRI over the past seven years. The aggregate number of establishments⁸ reported to the U.S. Economic Census increased from 2002 to 2007. No changes in reporting requirements occurred that can be attributed to the decrease. EPA will continue to monitor this change in the future.

4.5 TRIReleases2008 Rankings and DMRLoads2008 Rankings

After incorporating the changes discussed in Sections 4.3 and 4.4, EPA generated the final versions of the *TRIReleases* and *DMRLoads* databases used for the 2010 screening-level review: *TRIReleases2008_v3* and *DMRLoads2008_v2*. Tables C-1 and C-2 in Appendix C present the category rankings by TWPE from the *TRIReleases2008_v3* and *DMRLoads2008_v2* databases, respectively. The category rankings presented in these tables reflect all the corrections made during the 2010 screening-level reviews. Tables C-3 and C-4 in Appendix C present the six-digit NAICS code rankings by TWPE from *TRIReleases2008_v3* and the four-digit SIC code rankings by TWPE from *DMRLoads2008_v2*, respectively. Tables C-5 and C-6 in Appendix C present the chemical rankings by TWPE from *TRIReleases2008_v3* and *DMRLoads2008_v2*, respectively.

4.6 Methodology, Data Sources, and Limitations References

1. Aslinger, Julia. 2010. Notes from E-mail Communication between Julia Aslinger, Center for Toxicology, and Environmental Health, LLC and Elizabeth Sabol, Eastern Research

⁸ EPA reviewed only 3-digit NAICS code industry groups that were eligible for TRI reporting. Refer to Chapter 2 of the 2009 SLA Report (EPA, 2009) for more detail.

- Group, Inc. “RE: PAC Discharge Summary.” (March 22). EPA-HQ-OW-2008-0517 DCN 07253.
2. Becker, Jory. 2010. Notes from Telephone Conversation between Jory Becker, KY DEP, and Jessica Wolford, Eastern Research Group, Inc. “RE: Review of DMR data and Permits for Bullitt County Landfill (KY0091651) and Reed Duplex Apt. Bldg. (KY0095036).” (February 22). EPA-HQ-OW-2008-0517 DCN 07254.
 3. Belack, Dan. 2007. Notes from E-mail Communication between Dan Belack, US Steel, and Jan Matuszko, U.S. EPA. “RE: 2004 PCS Discharges.” (May 7). EPA-HQ-OW-2006-0771-0480.
 4. Bernarack, Christopher. 2010. Notes from E-mail Communication between Christopher Bernarack, GA DEQ, and William Swietlik, U.S. EPA. “RE: Resolution of Hercules, Inc. Toxaphene Outlier.” (April 25). EPA-HQ-OW-2008-0517 DCN 07255.
 5. Bogaard, Dirk. 2010. Notes from Telephone Conversation between Dirk Bogaard, Clear Lakes Trout Company, and Elizabeth Sabol, Eastern Research Group, Inc. “RE: Copper concentration reported to DMR in 2008.” (April 22). EPA-HQ-OW-2008-0517 DCN 07256.
 6. Draveland, Steve. 2010. Notes from Telephone Conversation between Steve Draveland, John Morrell & Co. and Elizabeth Sabol, Eastern Research Group, Inc. “RE: Basis of Mercury and Mercury Compound load reported to TRI in 2008.” (February 12). EPA-HQ-OW-2008-0517 DCN 07257.
 7. ERG. 2009. Eastern Research Group, Inc. Revised Quality Assurance Project Plan for the 2009 Annual Screening-Level Analysis of TRI, ICIS-NPDES, and PCS Industrial Category Discharge Data. Chantilly, VA. (September). EPA-HQ-OW-2008-0517-0507.
 8. Fellows, Dave. 2003. Notes from Telephone Conversation between Dave Fellows, Exxon Mobile, and Eastern Research Group, Inc. “RE: Toxic Release Inventory Inquiry.” (August 12). EPA-HQ-OW-2003-0074 DCN 00336.
 9. House, Jane. 2010. Notes from Telephone Conversation between Jane House, Carolina Pole – Leland, and Elizabeth Sabol, Eastern Research Group, Inc. “RE: Dioxin Distribution and Dioxin load reported to TRI in 2008.” (March 15). EPA-HQ-OW-2008-0517 DCN 07258.
 10. Kashyap, Vikram. 2009. Notes from E-mail Communication between Vikram Kashyap, Louisiana Pigment Co., and Eleanor Coddling, Eastern Research Group, Inc. “RE: Response to EPA Questions on 2007 TRI Dioxin Water Releases – Louisiana Pigment Company.” (May 8). EPA-HQ-OW-2008-0517-0094.
 11. Knarr, Bill. 2010. Notes from E-mail Communication between Bill Knarr, Kenvirons, Inc., and Elizabeth Sabol, Eastern Research Group, Inc. “RE: Valley View Landfill - Mercury Discharges DMR 2008.” (March 23). EPA-HQ-OW-2008-0517 DCN 07259.

12. Lovitt, Faith. 2010. Notes from Telephone Conversation between Faith Lovitt, Tyson Foods, Inc., and Elizabeth Sabol, Eastern Research Group, Inc. “RE: Mercury concentration reported to DMR in 2008.” (February 19). EPA-HQ-OW-2008-0517 DCN 07260.
13. Noga, Jeff. 2010. Notes from Telephone Conversation between Jeff Noga, ExxonMobil Oil Corp., and Jessica Wolford, Eastern Research Group, Inc. RE: Joilet Refinery’s hexachlorobenze discharges in 2008. (February 15). EPA-HQ-OW-2008-0517 DCN 07303.
14. Northey, Scott. 2007. Notes from Telephone Conversation between Scott Northey, DuPont Chambers Works, and Chris Krejci, Eastern Research Group, Inc. “RE: Hexachlorobenzene discharges reported by DuPont Chambers Works.” (December 12). EPA-HQ-OW-2006-0771-1171.
15. OMB. 1987. Office of Management and Budget. *Standard Industrial Classification Manual*. Washington, DC. (Unknown). EPA-HQ-OW-2008-0517.
16. Peterson, Eric. 2010. Notes from Telephone Conversation between Eric Peterson, Kodak Colorado Division, and Elizabeth Sabol, Eastern Research Group, Inc. “RE: Silver concentration reported to DMR in 2008.” (February 16). EPA-HQ-OW-2008-0517 DCN 07261.
17. Rayna, Dave. 2010. Notes from Telephone Conversation between Dave Rayna, Former Koppers, and Elizabeth Sabol, Eastern Research Group, Inc. “RE: TCDD concentrations reported to DMR in 2008.” (March 17). EPA-HQ-OW-2008-0517 DCN 07262.
18. Sansalone, John. 2010. Notes from Telephone Conversation between John Sansalone, DEC Region 3 Office, and Elizabeth Sabol, Eastern Research Group, Inc. “RE: Flows reported to DMR in 2008.” (March 17). EPA-HQ-OW-2008-0517 DCN 07263.
19. State of Missouri. 2005. Department of Natural Resources Water Discharge Permit NPDES MO0000710 – Harbison Walker Refractories Company – Vandalia Plant. Vandalia, MO. (May 27). EPA-HQ-OW-2008-0517 DCN 07264.
20. Stuhlfauth, Gary. 2007. Notes from Telephone Conversation between Gary Stuhlfauth, Ohio USEPA, and TJ Finseth, Eastern Research Group, Inc. “RE: Low level mercury discharge requirements on NPDES permits in Ohio.” (January 22). EPA-HQ-OW-2006-0771-0487.
21. Travis, Chris. 2010. Notes from Telephone Conversation between Chris Travis, USEC PDGDP, and Elizabeth Sabol, Eastern Research Group, Inc. “RE: PCB concentrations reported to DMR in 2008.” (March 17). EPA-HQ-OW-2008-0517 DCN 07265.
22. U.S. EPA Region 1. 2006. NPDES Fact Sheet: EnviroSystems Inc. – Hampton, New Hampshire. (April 11). EPA-HQ-OW-2008-0517-0075.

23. U.S. EPA. 2000. *EPCRA Section 313 Guidance for Reporting Toxic Chemicals Within the Dioxins and Dioxin-Like Compounds Category*. EPA-745-B-00-021. Washington, DC. (December). EPA-HQ-OW-2003-0074-1150.
24. U.S. EPA. 2005. *Draft Toxic Weighting Factor Development in Support of CWA 304(m) Planning Process*. Washington, DC. June. EPA-HQ-OW-2004-0032-0857.
25. U.S. EPA. 2006b. *Toxic Weighting Factor Development in Support of CWA 304(m) Planning Process*. Washington, DC. (June). EPA-HQ-OW-2004-0032-1634.
26. U.S. EPA. 2006a. *Technical Support Document for the 2006 Effluent Guidelines Program Plan*. EPA-821-R-06-018. Washington, DC. (December). EPA-HQ-OW-2004-0032-2782.
27. U.S. EPA. 2009. *Technical Support Document for the Annual Review of Existing Effluent Guidelines and Identification of Potential New Point Source Categories*. EPA-821-R-09-007. Washington, DC. (October). EPA-HQ-OW-2008-0517-0515.
28. Williams, Sylvia. 2010. Notes from E-mail Communication between Sylvia Williams, Akzo Noble, and Elizabeth Sabol, Eastern Research Group, Inc. “RE: Nobel - DMR 2008 Mercury Discharges.” (March 22). EPA-HQ-OW-2008-0517 DCN 07266.
29. Wood, Ken. 2010. Notes from E-mail Communication between Ken Wood, DuPont, and Ellie Coddling, Eastern Research Group, Inc. “RE: Request for Clarification of 2008 TRI Data for EPA’s Annual Review.” (April 21). EPA-HQ-OW-2008-0517 DCN 07267.

**PART II: RESULTS OF THE 2010 ANNUAL REVIEW OF
INDUSTRIAL CATEGORIES WITH EXISTING ELGS**

5. 2010 ANNUAL REVIEW OF EXISTING EFFLUENT LIMITATIONS GUIDELINES AND STANDARDS AND RANKING OF POINT SOURCE CATEGORIES

For the 2010 annual review, EPA conducted the following activities:

- Updated the reviews from previous years (i.e., revised the 2009 annual review results with new or corrected data);
- Performed new researches (i.e., contacted industry to verify discharges, conducted literature searches, and collected additional data from site visits and state permitting agencies); and
- Solicited information from stakeholders through comment response and other stakeholder outreach (e.g., meetings with industry trade groups).

This section presents the results of the 2009 annual review, the results of the 2010 screening-level review, and the prioritization of categories for the 2010 annual review.

5.1 Summary of the Results from the 2009 Annual Review

EPA published its annual review of existing effluent limitation guidelines and standards (ELGs) as part of the Preliminary 2010 Plan on October 30, 2009 (74 FR 68599). In the 2009 annual review, EPA identified 10 point source categories that represented the bulk of the estimated toxic discharges (as measured by toxic-weighted pound equivalents (TWPE)) from existing industrial point source categories. EPA ranked each point source category by the amount of toxic pollutants in its discharges (as measured by TWPE) and identified the Steam Electric Power Generating (Steam Electric) Point Source Category (Category) (40 CFR Part 423) as the category with the highest TWPE (accounting for more than 72 percent of the total TWPE). EPA identified the following seven additional categories with potentially high TWPE discharge estimates (accounting for almost 24 percent of existing point source category TWPE):

- Pulp, Paper and Paperboard (40 CFR Part 430);
- Fertilizer Manufacturing (40 CFR Part 418);
- Organic Chemicals, Plastics and Synthetic Fibers (40 CFR Part 414);
- Petroleum Refining (40 CFR Part 419);
- Inorganic Chemicals Manufacturing (40 CFR Part 415);
- Nonferrous Metals Manufacturing (40 CFR Part 421); and
- Ore Mining and Dressing (40 CFR Part 440).

EPA concluded its detailed study of the Steam Electric Category and decided to pursue an effluent guidelines rulemaking for the category. For the seven categories listed above, EPA conducted preliminary category reviews based on the results of the 2009 screening-level review and stakeholder comments. EPA determined that it would continue the preliminary category review for the Ore Mining and Dressing Category as part of the 2010 annual review to collect additional information on pollutant discharges and potential treatment technology options. For the remaining six categories, EPA determined that these categories were not a hazard priority based on data available for the 2009 annual review.

EPA also conducted detailed studies of the Oil and Gas Extraction Category (40 CFR Part 435), to assess whether to revise the limits to include Coalbed Methane Extraction as a new subcategory, and the Health Care Industry (including Hospitals (40 CFR Part 460)) during the

2009 annual review that were conducted as a result of public comments. EPA decided to continue these two detailed studies as part of the 2010 annual review.

In view of the annual nature of its reviews of existing ELGs, EPA believes that each annual review can and should influence succeeding annual reviews (e.g., by indicating data gaps, identifying new pollutants or pollution reduction technologies, or otherwise highlighting industrial categories for more detailed scrutiny in subsequent years). EPA used the findings, data, and comments on the 2009 annual review to inform its 2010 annual review. The 2009 review built on the previous reviews by continuing to use the screening methodology and incorporating some refinements in assigning discharges to categories. EPA made similar refinements to assigning discharges to categories for the 2010 annual review.

5.2 Results of the 2010 Screening-Level Review

For the 2010 screening-level review, EPA used the combined results of the *TRIRelases2008_v3* and the *DMRLoads2008_v2* databases, discussed in Section 4.5 of this document. When combining the results of these databases, EPA eliminated from further consideration the results for the following:

- Discharges from industrial categories for which EPA is currently developing or revising ELGs;
- Discharges from point source categories for which EPA has recently promulgated or revised ELGs;
- Discharges from facilities that do not fall into an existing or new point source category or subcategory; and
- Discharges from facilities determined not to be representative of their category.

Sections 5.2.1 through 5.2.4 discuss the rationale for these decisions. The final combined database rankings represent the results of the 2010 screening-level review and are presented in Section 5.2.5.

5.2.1 *Categories for Which EPA is Currently Developing or Revising ELGs*

EPA is currently considering revisions to ELGs for Organic Chemicals, Pesticides, and Synthetic Fibers (OCPSF) (40 CFR 414) and the Inorganic Chemicals Manufacturing (40 CFR 415) Point Source Categories for facilities that produce chlorine and chlorinated hydrocarbons (CCH). Because the CCH rulemaking is underway, EPA excluded discharges from these facilities from further consideration under the current planning cycle. EPA subtracted the TWPE loads from facilities that produce chlorine or chlorinated hydrocarbons from the OCPSF and Inorganic Chemicals Manufacturing Point Source Category loads. Because facilities that produce chlorine and chlorinated hydrocarbons are only a subset of the OCPSF and Inorganic Chemicals Manufacturing Categories, EPA included loads for all other facilities in these two categories in the prioritization of categories for further review.

EPA is also currently considering revisions to ELGs for the Steam Electric (40 CFR 423) Point Source Category. Because the Steam Electric rulemaking is underway, EPA excluded discharges from these facilities from further consideration under the current planning cycle.

EPA is also currently considering revisions to ELGs for the following industries: airport deicing and drinking water treatment. However, the TWPE associated with these categories is low and does not affect the prioritization of categories.

5.2.2 *Categories for Which EPA Recently Promulgated or Revised ELGs*

For the 2010 annual review and development of category rankings, EPA excluded point source categories for which ELGs were recently established or revised but not yet fully implemented, or were recently reviewed in a rulemaking context but EPA decided to withdraw the proposal or select the “no action” option. In general, EPA removed an industrial point source category from further consideration during a review cycle if EPA established, revised, or reviewed the category’s ELGs within seven years prior to the annual review. This seven-year period allows time for the ELGs to be incorporated into National Pollutant Discharge Elimination System (NPDES) permits. Table 5-1 lists the categories EPA excluded from the 2009 and 2010 reviews due to this seven year period.

Removing a point source category from further consideration in the development of the rankings does not mean that EPA eliminates the category from annual review. In cases where EPA is aware of the growth of a new segment within such category or where new concerns are identified for previously unevaluated pollutants discharged by facilities in the category, EPA would apply closer scrutiny to the discharges from the category in deciding whether to consider it further during the current review cycle. For example, EPA conducted the detailed study of the Coal Mining Category (40 CFR Part 434) based on comments received on the 2006 Preliminary Plan, although the Coal Mining ELGs were revised in January 2002.

Table 5-1. Point Source Categories That Have Undergone a Recent Rulemaking or Review

| 40 CFR Part | Point Source Category | Date of Rulemaking |
|-------------------|--|--------------------|
| 450 | Construction and Development | December 1, 2009 |
| 122 and 412 | Concentrated Animal Feeding Operations (CAFOs) | November 20, 2008 |
| 451 | Concentrated Aquatic Animal Production (or Aquaculture) | August 23, 2004 |
| 432 | Meat and Poultry Products | September 8, 2004 |
| 413, 433, and 438 | Metal Products and Machinery (including Metal Finishing and Electroplating) | May 13, 2003 |
| 420 | Iron and Steel Manufacturing | October 17, 2002 |

5.2.3 *Discharges Not Categorizable*

EPA identified discharges that are not categorizable into existing or new point source categories or subcategories. In particular, EPA reviewed high TWPE discharges from a Superfund site (Auchterlonie, 2009).⁹ Direct discharges from Superfund sites, whether made onsite or offsite, are subject to NPDES permitting requirements (U.S. EPA, 1988a; U.S. EPA, 1988b). For the reasons discussed below EPA determined that these discharges do not represent a point source category and excluded these TWPE from the point source category rankings.

⁹ The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), commonly known as Superfund, was enacted by Congress on December 11, 1980.

EPA identified that discharges from Superfund sites are too varied to be categorized into a point source category. In particular, these discharges vary by:

- Contaminants (e.g., metals, pesticides, dioxin);
- Treatment technologies (e.g., air stripping, granular activated carbon, chemical/ultraviolet oxidation, aerobic biological reactors, chemical precipitation); and
- Types of facilities causing groundwater contamination (e.g., wood treatment facilities, metal finishing and electroplating facilities, drum recycling facilities, mine sites, mineral processing facilities, radium processing facilities).

Moreover, the duration and volume of these direct discharges vary significantly due to differences in aquifer characteristics and the magnitude, fate, and transport of contaminants in aquifers and vadose zones. Currently at Superfund sites, permit writers determine technology-based effluent limits using their best professional judgment (BPJ). EPA selects the remedial technology and derives numerical effluent discharge limits. The permit must also contain more stringent effluent limitations when required to comply with state water quality standards. EPA finds that the current site-specific BPJ approach is workable and flexible within the context of a Superfund cleanup.

5.2.4 Categories with One Facility Dominating the TWPE

EPA identified point source categories with significant TWPE where only one facility was responsible for more than 95 percent of the TWPE reported to be discharged even though it was not the only facility reporting discharges for the category (see Table 5-2). EPA identified six facilities that dominated the TWPE in the category to which they belonged. EPA investigated these facilities to determine if their discharges were representative of the category. If they were not, EPA subtracted the facility's TWPE from the total category TWPE and recalculated the category's ranking. EPA performed this analysis separately for each of the databases. Based on EPA's knowledge of these industries and the review of the pollutant discharges for these facilities, EPA determined that all of the pollutant discharges are representative of the industry and therefore, EPA did not remove the discharges from the category.

5.2.5 Results of the 2010 Screening-Level Review

After adjusting the category TWPE totals and rankings as described in Sections 5.2.1 through 5.2.4, EPA consolidated the 2008 discharge monitoring report (DMR) and Toxics Release Inventory (TRI) rankings into one set using the following steps:

- EPA combined the two lists of point source categories by adding each category's *DMRLoads2008* TWPE and *TRIRelases2008* TWPE¹⁰.
- EPA then ranked the point source categories based on total *DMRLoads2008* and *TRIRelases2008* TWPE.

¹⁰ EPA notes that this may result in "double-counting" of chemical discharges a facility reported to both PCS/ICIS-NPDES and TRI, and "single-counting" of chemicals reported in only one of the databases. Further, the combined databases do not count chemicals that may be discharged but are not reported to PCS/ICIS-NPDES or TRI.

Table 5-3 presents the combined *DMRLoads2008* and *TRIRelases2008* rankings. These are the final category rankings accounting for all corrections made to the databases during the 2010 screening-level review and removal of any categories and discharges as discussed in Sections 5.2.1 through 5.2.4.

Table 5-2. Point Source Categories with One Facility Dominating the TWPE Discharges

| Point Source Category | Facility with Over 95% of Category TWPE | Facility Location | Data Source | Pollutant Driving TWPE | Facility TWPE | Percentage of Total Category TWPE | Action |
|---|--|--------------------------|--------------------|-----------------------------------|----------------------|--|---|
| Miscellaneous Food and Beverages (Potential New Category) | Bacardi Corp | Catano, PR | DMR 2008 | Sulfur | 188,000 | 97.4% | Did not remove load from category TWPE. |
| Independent and Stand Alone Labs (Potential New Category) | Battelle Memorial Institute | Columbus, OH | DMR 2008 | Chloride | 186,000 | 99.1% | Did not remove load from category TWPE. |
| Ferroalloy Manufacturing (Part 424) | Eramet Marietta, Inc. | Marietta, OH | TRI 2008 | Manganese and Manganese Compounds | 12,500 | 96.9% | Did not remove load from category TWPE. |
| Tobacco Products (Potential New Category) | Philip Morris USA Park 500 Site | Chester, VA | TRI 2008 | Chlorine | 1,770 | 98.7% | Did not remove load from category TWPE. |
| Coil Coating (Part 465) | Latasde Aluminio Reynolds | Guayama, PR | DMR 2008 | Sulfur | 476 | 95.1% | Did not remove load from category TWPE. |
| Ink Formulation (Part 447) | Superior Printing Ink, Co, Inc. | Marlboro, MA | DMR 2008 | Chlorine | 24.6 | 99.6% | Did not remove load from category TWPE. |

Source: *DMRLoads2008_v2* and *TRIRelases2008_v3*.

Table 5-3. Final TRIRelases2008 and DMRLoads2008 Combined Point Source Category Rankings

| 40 CFR Part | Point Source Category | TRIRelases2008 TWPE | DMRLoads2008 TWPE | Total TWPE | Cumulative Percentage of Total TWPE | Rank |
|-------------|--|---------------------|-------------------|------------|-------------------------------------|------|
| 430 | Pulp, Paper And Paperboard | 523,000 | 510,000 | 1,030,000 | 12.8% | 1 |
| 419 | Petroleum Refining | 410,000 | 618,000 | 1,030,000 | 25.6% | 2 |
| 421 | Nonferrous Metals Manufacturing | 38,700 | 955,000 | 994,000 | 37.9% | 3 |
| 418 | Fertilizer Manufacturing | 8,120 | 818,000 | 826,000 | 48.2% | 4 |
| 414 | Organic Chemicals, Plastics And Synthetic Fibers | 137,000 | 512,000 | 649,000 | 56.2% | 5 |
| 440 | Ore Mining And Dressing | 109,000 | 339,000 | 448,000 | 61.8% | 6 |
| 415 | Inorganic Chemicals Manufacturing | 71,300 | 228,000 | 299,000 | 65.5% | 7 |
| 444 | Waste Combustors | 8,830 | 245,000 | 254,000 | 68.7% | 8 |
| 410 | Textile Mills | 2,750 | 247,000 | 250,000 | 71.8% | 9 |
| 463 | Plastics Molding And Forming | 74,700 | 174,000 | 249,000 | 74.9% | 10 |
| NA | Miscellaneous Foods And Beverages | 5,210 | 193,000 | 198,000 | 77.3% | 11 |
| 445 | Landfills | 781 | 191,000 | 192,000 | 79.7% | 12 |
| 411 | Cement Manufacturing | 529 | 189,000 | 190,000 | 82.1% | 13 |
| 435 | Oil & Gas Extraction | NA | 189,000 | 189,000 | 84.4% | 14 |
| NA | Independent And Stand Alone Labs | 49.9 | 186,000 | 186,000 | 86.7% | 15 |
| 455 | Pesticide Chemicals | 35,500 | 114,000 | 150,000 | 88.6% | 16 |
| 464 | Metal Molding And Casting (Foundries) | 5,040 | 122,000 | 127,000 | 90.2% | 17 |
| NA | Food Service Establishments | NA | 119,000 | 119,000 | 91.6% | 18 |
| 436 | Mineral Mining And Processing | 3,390 | 100,000 | 103,000 | 92.9% | 19 |
| 428 | Rubber Manufacturing | 7,180 | 73,700 | 80,900 | 93.9% | 20 |
| 434 | Coal Mining | 1,280 | 76,400 | 77,700 | 94.9% | 21 |
| 429 | Timber Products Processing | 27,300 | 31,500 | 58,800 | 95.6% | 22 |
| 439 | Pharmaceutical Manufacturing | 6,890 | 49,100 | 56,000 | 96.3% | 23 |
| 467 | Aluminum Forming | 5,830 | 33,700 | 39,500 | 96.8% | 24 |
| 471 | Nonferrous Metals Forming And Metal Powders | 20,900 | 15,000 | 35,900 | 97.3% | 25 |
| 409 | Sugar Processing | 205 | 35,300 | 35,500 | 97.7% | 26 |
| 437 | Centralized Waste Treatment | 6,850 | 25,500 | 32,400 | 98.1% | 27 |

Table 5-3. Final *TRIR* Releases 2008 and *DMR* Loads 2008 Combined Point Source Category Rankings

| 40 CFR Part | Point Source Category | <i>TRIR</i> Releases 2008 TWPE | <i>DMR</i> Loads 2008 TWPE | Total TWPE | Cumulative Percentage of Total TWPE | Rank |
|-------------|---|--------------------------------|----------------------------|------------|-------------------------------------|------|
| 458 | Carbon Black Manufacturing | 27,600 | 335 | 27,900 | 98.5% | 28 |
| 422 | Phosphate Manufacturing | 657 | 17,200 | 17,900 | 98.7% | 29 |
| 469 | Electrical And Electronic Components | 3,580 | 12,300 | 15,900 | 98.9% | 30 |
| 460 | Hospital | NA | 15,700 | 15,700 | 99.1% | 31 |
| 424 | Ferroalloy Manufacturing | 12,900 | 2,560 | 15,500 | 99.3% | 32 |
| 457 | Explosives Manufacturing | 43.2 | 10,400 | 10,400 | 99.4% | 33 |
| 406 | Grain Mills | 5,600 | 4,300 | 9,900 | 99.5% | 34 |
| 468 | Copper Forming | 4,780 | 2,470 | 7,250 | 99.6% | 35 |
| 425 | Leather Tanning And Finishing | 6,990 | 17.5 | 7,010 | 99.7% | 36 |
| 407 | Canned And Preserved Fruits And Vegetables Processing | 4,810 | 519 | 5,330 | 99.8% | 37 |
| 405 | Dairy Products Processing | 3,750 | 1,450 | 5,200 | 99.8% | 38 |
| 461 | Battery Manufacturing | 1,580 | 622 | 2,200 | 99.8% | 39 |
| 442 | Transportation Equipment Cleaning | NA | 1,840 | 1,840 | 99.9% | 40 |
| NA | Tobacco Products | 1,790 | 11.3 | 1,800 | 99.9% | 41 |
| 443 | Paving And Roofing Materials (Tars And Asphalt) | 927 | 751 | 1,680 | 99.9% | 42 |
| 426 | Glass Manufacturing | 473 | 917 | 1,390 | 99.9% | 43 |
| 408 | Canned And Preserved Seafood Processing | 108 | 932 | 1,040 | 99.9% | 44 |
| 417 | Soap And Detergent Manufacturing | 776 | 79.9 | 856 | 100.0% | 45 |
| NA | Printing And Publishing | 141 | 671 | 812 | 100.0% | 46 |
| 465 | Coil Coating | 191 | 501 | 692 | 100.0% | 47 |
| 446 | Paint Formulating | 551 | 18.3 | 569 | 100.0% | 48 |
| 454 | Gum And Wood Chemicals Manufacturing | 69.5 | 218 | 288 | 100.0% | 49 |
| 447 | Ink Formulating | 35.4 | 24.8 | 60.2 | 100.0% | 50 |
| 466 | Porcelain Enameling | 18.5 | 7.43 | 25.9 | 100.0% | 51 |
| 427 | Asbestos Manufacturing | NA | 1.42 | 1.42 | 100.0% | 52 |
| NA | Industrial Laundries | NA | 0.321 | 0.321 | 100.0% | 53 |

Table 5-3. Final *TRIRelases2008* and *DMRLoads2008* Combined Point Source Category Rankings

| 40 CFR Part | Point Source Category | <i>TRIRelases2008</i> TWPE | <i>DMRLoads2008</i> TWPE | Total TWPE | Cumulative Percentage of Total TWPE | Rank |
|--------------------|------------------------------|---------------------------------------|-------------------------------------|-------------------|--|-------------|
| 459 | Photographic | NA | 0.0328 | 0.0328 | 100.0% | 54 |
| NA | Photo Processing | NA | 0.0328 | 0.0328 | 100.0% | 55 |
| | Total | 1,590,000 | 6,460,000 | 8,050,000 | | |

Source: *TRIRelases2008_v3* and *DMRLoads2008_v2*.

NA – Not applicable.

5.3 Prioritization of Categories for the 2010 Annual Review

Based on its screening-level review, EPA was able to prioritize for further review (i.e., a detailed study or preliminary category review) those industrial categories whose pollutant discharges potentially pose the greatest hazards to human health or the environment because of their toxicity (i.e., categories that collectively discharge over 95 percent of the total TWPE). EPA also considered efficiency and implementation issues raised by stakeholders in identifying candidates for further review. By using this multilayered screening approach, the Agency concentrated its resources on those point source categories with the highest estimates of toxic-weighted pollutant discharges (based on best available data), while assigning a lower priority to categories that the Agency believes are not good candidates for ELGs revision at this time.

Table 5-4 lists the point source categories with existing ELGs, the level of review EPA performed as part of the 2010 annual review, and how each category was identified for further review, if applicable.

Table 5-4. 2010 Annual Review of Categories with Existing ELGs: Level of Review

| 40 CFR Part | Point Source Category | Level of Review | Source of Identification for Further Review |
|-------------|--|------------------------|---|
| 405 | Dairy Products Processing | Screening-Level Review | NA ^a |
| 406 | Grain Mills Manufacturing | Screening-Level Review | NA ^a |
| 407 | Fruits and Vegetable Processing | Screening-Level Review | NA ^a |
| 408 | Canned and Preserved Seafood | Screening-Level Review | NA ^a |
| 409 | Sugar Processing | Screening-Level Review | NA ^a |
| 410 | Textile Mills | Preliminary Review | TWPE |
| 411 | Cement Manufacturing | Preliminary Review | TWPE |
| 412 | Concentrated Animal Feeding Operations | Screening-Level Review | NA ^a |
| 413 | Electroplating | Screening-Level Review | NA ^a |
| 414 | Organic Chemicals, Plastics and Synthetic Fibers | Preliminary Review | TWPE |
| 415 | Inorganic Chemicals | Preliminary Review | TWPE |
| 417 | Soaps and Detergents Manufacturing | Screening-Level Review | NA ^a |
| 418 | Fertilizer Manufacturing | Preliminary Review | TWPE |
| 419 | Petroleum Refining | Preliminary Review | TWPE |
| 420 | Iron and Steel Manufacturing | Screening-Level Review | NA ^a |
| 421 | Nonferrous Metals Manufacturing | Preliminary Review | TWPE |
| 422 | Phosphate Manufacturing | Screening-Level Review | NA ^a |
| 423 | Steam Electric Power Generation | Screening-Level Review | NA ^a |
| 424 | Ferroalloy Manufacturing | Screening-Level Review | NA ^a |
| 425 | Leather Tanning and Finishing | Screening-Level Review | NA ^a |
| 426 | Glass Manufacturing | Screening-Level Review | NA ^a |
| 427 | Asbestos Manufacturing | Screening-Level Review | NA ^a |
| 428 | Rubber Manufacturing | Preliminary Review | TWPE |
| 429 | Timber Products Processing | Screening-Level Review | NA ^a |
| 430 | Pulp, Paper and Paperboard | Preliminary Review | TWPE |

Table 5-4. 2010 Annual Review of Categories with Existing ELGs: Level of Review

| 40 CFR Part | Point Source Category | Level of Review | Source of Identification for Further Review |
|--------------------|---|--|--|
| 432 | Meat and Poultry Products | Screening-Level Review | NA ^a |
| 433 | Metal Finishing | Screening-Level Review | NA ^a |
| 434 | Coal Mining | Preliminary Review | TWPE |
| 435 | Oil and Gas Extraction | Detailed Study of Coalbed Methane Operations | Comments |
| | | Preliminary Review of Remaining Operations | TWPE |
| 436 | Mineral Mining and Processing | Preliminary Review | TWPE |
| 437 | Centralized Waste Treaters | Screening-Level Review | NA ^a |
| 438 | Metal Products and Machinery | Screening-Level Review | NA ^a |
| 439 | Pharmaceutical Manufacturing | Screening-Level Review | NA ^a |
| 440 | Ore Mining and Dressing | Preliminary Review | TWPE |
| 442 | Transportation Equipment Cleaning | Screening-Level Review | NA ^a |
| 443 | Paving and Roofing Materials (Tars and Asphalt) | Screening-Level Review | NA ^a |
| 444 | Waste Combustors (Commercial Incinerators Combusting Hazardous Waste) | Preliminary Review | TWPE |
| 445 | Landfills | Preliminary Review | TWPE |
| 446 | Paint Formulating | Screening-Level Review | NA ^a |
| 447 | Ink Formulating | Screening-Level Review | NA ^a |
| 450 | Construction and Development Industry | Screening-Level Review | NA ^a |
| 451 | Aquatic Animal Production Industry | Screening-Level Review | NA ^a |
| 454 | Gum and Wood Chemicals | Screening-Level Review | NA ^a |
| 455 | Pesticide Chemicals Manufacturing | Preliminary Review | TWPE |
| 457 | Explosives | Screening-Level Review | NA ^a |
| 458 | Carbon Black Manufacturing | Screening-Level Review | NA ^a |
| 459 | Photographic | Screening-Level Review | NA ^a |
| 460 | Hospital | Detailed Study (of Health Care Industry) | Comments |
| 461 | Battery Manufacturing | Screening-Level Review | NA ^a |
| 463 | Plastic Molding and Forming | Preliminary Review | TWPE |
| 464 | Metal Molding and Casting (Foundries) | Preliminary Review | TWPE |
| 465 | Coil Coating | Screening-Level Review | NA ^a |
| 466 | Porcelain Enameling | Screening-Level Review | NA ^a |
| 467 | Aluminum Forming | Screening-Level Review | NA ^a |
| 468 | Copper Forming | Screening-Level Review | NA ^a |
| 469 | Electrical and Electronic Components | Screening-Level Review | NA ^a |
| 471 | Nonferrous Metals Forming and Metal Powders | Screening-Level Review | NA ^a |
| NA | Food Service Establishments | Preliminary Review | TWPE |
| NA | Miscellaneous Food and Beverages | Preliminary Review | TWPE |
| NA | Independent and Stand Alone Labs | Preliminary Review | TWPE |

a – For categories with only a screening-level review, the source of identification is not applicable, as EPA conducts a screening-level review of all categories subject to existing effluent guidelines. The “source of identification” is only applicable for those industries selected for further review.

NA – Not applicable.

5.3.1 Detailed Study of Existing ELGs

EPA performed detailed studies on two point source categories as part of its 2010 annual review based on the results of its 2008 and 2009 annual reviews. Because EPA data collection was not finished in 2009, EPA continued detailed studies of the Oil and Gas Extraction Category (40 CFR Part 435) to assess whether to revise the limits to include coalbed methane extraction as a new subcategory, and the Health Care Industry (includes Hospitals (40 CFR Part 460)). EPA did not identify additional categories for detailed study as part of the 2010 annual review.

EPA’s detailed studies generally examine the following: (1) wastewater characteristics and pollutant sources; (2) the pollutants driving the toxic-weighted pollutant discharges; (3) availability of pollution prevention and treatment; (4) the geographic distribution of facilities in the industry; (5) any pollutant discharge trends within the industry; and (6) any relevant economic factors. First, EPA attempts to verify the screening-level results and fill in data gaps. Next, EPA considers costs and performance of applicable and demonstrated control technology, process change, or pollution prevention alternatives that can effectively reduce the pollutants remaining in the industrial category's wastewater. Last, EPA considers the affordability or economic achievability of the technology, process change, or pollution prevention measures identified above.

Types of data sources that EPA may consult in conducting its detailed studies include, but are not limited to: (1) the U.S. Economic Census; (2) TRI, Permit Compliance System (PCS), and the Integrated Information System – National Pollutant Discharge Elimination System (ICIS-NDPES) data; (3) trade associations and reporting facilities to verify reported releases and facility categorization; (4) regulatory authorities (states and EPA regions) to understand how category facilities are permitted; (5) National Pollutant Discharge Elimination System (NPDES) permits and their supporting fact sheets; (6) EPA effluent guidelines technical development documents; (7) relevant EPA preliminary data summaries or study reports; and (8) technical literature on pollutant sources and control technologies.

For more information about the Oil and Gas Extraction Detailed Study (coalbed methane industry) and the Health Care Industry Detailed Study, see Sections 16.2 and 16.1 of this report, respectively.

5.3.2 Preliminary Category Reviews

Preliminary category reviews are similar to detailed studies and have the same purpose. During preliminary reviews, EPA generally examines the same items listed above for detailed studies. However, EPA’s preliminary review of a category and available pollution prevention and treatment options is less rigorous than its detailed studies. While EPA collects and analyzes hazard and technology-based information on categories undergoing preliminary review, it assigns a higher priority to investigating categories undergoing detailed studies.

As shown in Table 5-4, EPA identified for preliminary review 21 industrial categories that cumulatively discharge more than 95 percent of the combined *DMRLoads2008* and

TRIRelases2008 total TWPE. Three of the 21 industrial categories identified for preliminary review are potential new categories. Based on information from the 2010 and previous annual reviews, EPA concluded that the following 13 industrial categories did not require a detailed section in this report. For these 13 categories, EPA determined that the conclusions were the same as made during previous annual reviews or the majority of the TWPE was due to data errors (e.g., incorrect units)¹¹. These industrial categories, and the reasons for excluding them from further preliminary review, are listed below. EPA is assigning all of these categories with a lower priority for revision (i.e., the category is marked with “(3)” in the “Findings” column in Table V-1 in the 2010 Final Plan FR notice).

Cement Manufacturing (40 CFR Part 411)

For the Cement Manufacturing Category, the *DMRLoads2008_v2* database accounts for the majority of the combined estimated TWPE. EPA identified one facility, Lafarge North America’s Alpena Plant in Alpena, MI, that accounts for approximately 89 percent of the 2008 DMR TWPE for the Cement Manufacturing Category. EPA determined that the mercury quantities are incorrect because they do not match the load calculated using the mercury concentrations and flows. Correcting these errors reduces the facility’s 2008 DMR TWPE from 169,000 to 759 and reduces the Cement Manufacturing Category’s combined 2008 DMR and TRI TWPE from 190,000 to 21,100 (ERG, 2010). The category is no longer a priority for the 2010 annual review.

Petroleum Refining (40 CFR Part 419)

The Petroleum Refining Category total TWPE is approximately 60 percent from the 2008 DMR database and 40 percent from the 2008 TRI database. The top pollutant in the 2008 DMR database is sulfide, while the top pollutants in the 2008 TRI database are dioxin and dioxin-like compounds and polycyclic aromatic compounds (PACs). Discharges of these four pollutants from petroleum refineries have been reviewed in previous annual reviews, and EPA concluded the following:

- **Sulfide:** As part of the 2004 detailed study of the Petroleum Refining Category, EPA determined that petroleum refineries are achieving final effluent concentrations less than existing limits in 40 CFR Part 419 and refineries are treating sulfide to concentrations at or near treatable levels (U.S. EPA, 2006b).
- **Dioxin and dioxin-like compounds:** EPA determined that dioxin and dioxin-like compounds are produced during catalytic reforming and catalyst regeneration operations at petroleum refineries. Most facilities reporting dioxin and dioxin-like compounds in TRI never detected dioxin and dioxin-like compounds in their process wastewater effluent. Of the 232 refineries in TRI 2007 that report non-zero TWPE, nine reported discharges of dioxin and dioxin-like compounds. Of the nine refineries reporting dioxin and dioxin-like compound discharges in 2007, only five of these refineries reported dioxin discharges based on analytical

¹¹ EPA generated a corrected version of the 2008 DMR database: *DMRLoads2008_v3*, which is available via <http://www.regulations.gov>, EPA-HQ-OW-2008-0517 DCN 07317. This version includes all corrections documented in this TSD.

measurements (see Table 11-5 in the *Technical Support Document for the Preliminary 2010 Effluent Guidelines Program Plan* (U.S. EPA, 2009)).

- **PACs:** EPA determined that petroleum refineries report PAC discharges to TRI that are either based on half the detection limit multiplied by the flow or using emission factors. EPA determined that there is little evidence that PACs are being discharged to surface waters in concentrations above the detection limit (U.S. EPA, 2009).

EPA determined that the 2008 petroleum refinery discharges were consistent with previous years' discharges. As a result, EPA will rely on the conclusions from previous annual reviews: the discharges from this category do not represent a priority hazard at this time. The category is no longer a priority for the 2010 annual review.

Nonferrous Metals Manufacturing (40 CFR Part 421)

For the Nonferrous Metals Manufacturing Category, the *DMRLoads2008_v2* database accounts for the majority of the combined estimated TWPE. The top facility, USEC PDGDP in McCracken County, KY, accounts for almost 60 percent of the category's 2008 DMR TWPE. EPA contacted the facility to discuss discharges of polychlorinated biphenyls (PCBs) as part of the 2010 annual review. The facility contact verified that EPA's database was properly characterizing the PCB discharge and indicated that the PCBs are from stormwater due to legacy activity at the site. The facility contact also indicated that USEC PDGDP treats all process water that may contain PCBs using carbon adsorption (Travis, 2010). EPA determined that the PCB discharges are not from nonferrous metals manufacturing processes and, therefore, should be excluded from the category's TWPE. Therefore, EPA determined that the 2008 nonferrous metals manufacturing discharges are consistent with the previous year's discharges. As a result, EPA will rely on the conclusions from previous annual reviews: the discharges from this category do not represent a priority hazard at this time. See Section 8.0 of the 2009 TSD for additional information (U.S. EPA, 2009). The category is no longer a priority for the 2010 annual review.

Rubber Manufacturing (40 CFR Part 428)

For the Rubber Manufacturing Category, the *DMRLoads2008_v2* database accounts for the majority of the combined estimated TWPE. EPA identified the following two facilities accounting for approximately 79 percent of the 2008 DMR TWPE for the Rubber Manufacturing Category:

- Durakon Industries, Inc. in Lapeer, MI: EPA determined that the January and December 2008 mercury quantities are incorrect because they do not match the load calculated using the mercury concentrations and flows. Correcting these data reduces the facility's 2008 DMR TWPE from 34,900 to 0.11 (ERG, 2010).
- Kraton Polymers, US, LLC in Belpre, OH: EPA determined that the January through December 2008 arsenic quantities are incorrect because they do not match the load calculated using the arsenic concentrations and flows. Correcting these data reduces the facility's 2008 DMR TWPE from 23,200 to 2,900 (ERG, 2010).

After reviewing the data, EPA determined that the discharges from the facilities above were incorrect. Correcting these errors reduces the Rubber Manufacturing Category combined 2008 DMR and TRI TWPE from 80,900 to 25,700 (ERG, 2010). The category is no longer a priority for the 2010 annual review.

Pulp, Paper, and Paperboard (40 CFR Part 430)

The Pulp, Paper, and Paperboard (Pulp and Paper) Category total TWPE is approximately 50 percent from the 2008 DMR database and 50 percent from the 2008 TRI database. The top pollutants in the 2008 DMR database are 2,3,7,8-tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD) and sulfide, while the top pollutants in the 2008 TRI database are manganese and manganese compounds, lead and lead compounds, and dioxin and dioxin-like compounds. Discharges of dioxin and dioxin-like compounds, including 2,3,7,8-TCDD, and manganese and manganese compounds from pulp and paper facilities have been reviewed in previous annual reviews:

- **2,3,7,8-TCDD (DMR) and Dioxin and Dioxin-Like Compounds (TRI):** EPA determined that the 2,3,7,8-TCDD DMR data were not detected in bleach plant effluent or final mill effluent (U.S. EPA, 2006a). Additionally, EPA determined that the majority of the underlying data used to estimate releases of dioxin and dioxin-like compounds reported to TRI were pollutant concentrations below the Method 1613B minimum level. Therefore, there is substantial uncertainty about the magnitude of these reported discharges. TRI-reported discharges of dioxin and dioxin-like compounds for the Pulp and Paper Category are most likely significantly overestimated and thus do not accurately reflect current industry discharges (U.S. EPA, 2009).
- **Manganese and Manganese Compounds:** As part of the Pulp and Paper Detailed Study performed in the 2006 annual review, EPA determined that the manganese concentrations were too low to treat using end-of-pipe treatment technologies for large plant flows (U.S. EPA, 2006a). Although EPA has not reviewed new discharge concentration data, it has no new data to suggest that manganese concentrations are above the treatable levels (U.S. EPA, 2009).

EPA has not reviewed discharges of sulfide and lead and lead compounds from pulp and paper facilities as part of previous annual reviews. EPA's findings as part of the 2010 annual review for sulfide and lead and lead compound discharges are:

- **Sulfide:** Approximately 23 percent of the 2008 DMR TWPE for the Pulp and Paper Category is from sulfide discharges. There are two facilities with sulfide discharges in the 2008 DMR database: Smurfit-Stone Container in Florence, SC and Domtar Johnsonburg in Johnsonburg, PA. The 2008 sulfide discharges for Smurfit-Stone Container ranged from below the detection limit (0.1 mg/L to 1.0 mg/L) to 1.7 mg/L. The Lockwood-Post's Directory of Pulp and Paper Mills indicates that Smurfit-Stone Container has a 1,600 acre settling basin. Sulfides may result from an anaerobic portion of the settling basin. EPA determined that the sulfide concentration for Domtar Johnsonburg was reported below the detection limit, while the sulfide quantity was reported above the detection limit.

Therefore, sulfide discharges from Domtar Johnsonburg are likely below the detection limit, resulting in a 16,000 TWPE reduction in the Pulp and Paper Category's sulfide TWPE. EPA will continue to monitor the sulfide discharges to determine if they are properly controlled.

- **Lead and Lead Compounds:** Approximately 13 percent (63,800 TWPE) of the 2008 TRI TWPE for the Pulp and Paper Category is from discharges of lead and lead compounds. There are 185 pulp and paper facilities in the 2008 TRI database reporting discharges of lead and lead compounds. The top facility with discharges of lead and lead compounds is Kimberly Clark in Everett, WA that accounts for approximately 9.6 percent of the Pulp and Paper Category's lead and lead compound discharges; therefore, there are no outlier pulp and paper facilities discharging lead and lead compounds. The majority of the lead and lead compounds are based on monitoring data (54 discharges) or published emission factors (46 discharges). Because there are no outlier facilities, EPA determined that the lead and lead compound discharges are likely accurate. EPA suspects high TWPE from the high volume of lead and lead compound dischargers in the Pulp and Paper Category. EPA will continue to monitor the lead and lead compound discharges to determine if they are properly controlled.

EPA determined that the 2008 pulp and paper discharges of dioxin and dioxin-like compounds and manganese and manganese compounds were consistent with previous years' discharges. EPA will continue to monitor the Pulp and Paper Category's sulfide and lead and lead compound discharges to determine if they are properly controlled. As a result, EPA will rely on the conclusions from previous annual reviews: the discharges from this category do not represent a priority hazard at this time. The category is no longer a priority for the 2010 annual review.

Coal Mining (40 CFR Part 434)

For the Coal Mining Category, the *DMRLoads2008_v2* database accounts for the majority of the combined estimated TWPE. The top pollutants in the 2008 DMR database are manganese and iron. Discharges of these pollutants from coal mines were reviewed as part of the Coal Mining Detailed Study during the 2007 and 2008 annual reviews. EPA determined that based on its review of available data, revisions to the pollutant limitations in the Coal Mining ELGs were not warranted (U.S. EPA, 2008).

Pesticide Chemicals (40 CFR Part 455)

For the Pesticide Chemicals (Pesticides) Category, the *DMRLoads2008_v2* database accounts for the majority of the combined estimated TWPE. EPA identified one facility, Bayer CropSciences in Institute, WV, that accounted for approximately 83 percent of the 2008 DMR TWPE for the Pesticides Category. EPA determined that the majority of the of the facility's estimated load results from total carbaryl. EPA contacted Bayer CropSciences to verify the total carbaryl quantities and concentrations and flow. Bayer CropSciences indicated that all of the total carbaryl quantities and concentrations for outfall 005 were reported below the detection limit, while all but one total carbaryl concentration for outfall 301 was reported below the detection limit (Smith, 2010). Using the facility-provided quantities and concentrations reduces

Bayer CropSciences 2008 DMR TWPE from 94,300 to 532 and reduces the Pesticides Category's total TWPE from 114,000 to 20,000 (ERG, 2010). The category is no longer a priority for the 2010 annual review.

Metal Molding and Casting (40 CFR Part 464)

For the Metal Molding and Casting Category, the *DMRLoads2008_v2* database accounts for the majority of the combined estimated TWPE. EPA identified one facility, Eagle-Picher Industries in Sidney, OH, that accounted for approximately 61 percent of the 2008 DMR TWPE for the Metal Molding and Casting Category. EPA determined that the outfall 001 flows for September, October, and December 2008 were incorrectly entered as million gallons per day (MGD) instead of gallons per day (GPD). Correcting these errors reduces the facility's 2008 DMR TWPE from 74,700 to 32 and reduces the Metal Molding and Casting Category's total TWPE from 127,000 to 52,300 (ERG, 2010). The category is no longer a priority for the 2010 annual review.

Miscellaneous Food and Beverages (Potential New Category)

For the Miscellaneous Foods and Beverages Potential New Category, the *DMRLoads2008_v2* database accounts for the majority of the combined estimated TWPE. EPA identified one facility, Bacardi Corp. in Catano, PR, that accounted for approximately 97 percent of the 2008 DMR TWPE for the Miscellaneous Food and Beverages Potential New Category. EPA reviewed this facility's discharges in preparing the 2006 Final Plan as well (U.S. EPA, 2006b).

EPA contacted EPA Region 2 to discuss the Bacardi discharges and determined that the facility's sulfide discharges were unique to the facility. According to Region 2 staff, the Bacardi effluent wastewater characteristics include high levels of biochemical oxygen demand – approximately 15,000 milligrams per liter (mg/L), bacteria, and solids, which complicate its treatment. As a result, Region 2 worked with the facility to determine treatable levels. The wastewater discharge commingles with adjacent wastewater treatment discharges from PRASA's Puerto Nuevo and Bayamon wastewater treatment plants (WWTPs). The wastewater discharges immediately dilute the discharge from the Bacardi plant. As a result, Region 2 concluded that certain pollutants, such as sulfide, can be discharged at high concentrations and will be diluted prior to reaching surface water (O'Brien, 2010). EPA based the water quality based limitations for this facility on the final Water Quality Certificate issued by the Puerto Rico Environmental Quality Board (U.S. EPA Region 2, 2007). The resulting permit limit for sulfide is 108 mg/L at the outfall. The sulfide limit at the edge of the mixing zone, after commingling with the WWTPs is 2 µg/L (U.S. EPA Region 2, 2008). Because one facility accounted for the vast majority of the TWPE, EPA determined that ELGs for the potential new category are not warranted. Therefore, the category is no longer a priority for the 2010 annual review.

Food Service Establishments (Potential New Category)

For the Food Service Establishments Potential New Category, the *DMRLoads2008_v2* database accounts for all of the total TWPE (food service establishments do not report to TRI). EPA identified one facility, Gionino's Pizza in OH, that accounted for approximately 75 percent of the 2008 DMR TWPE for the Food Service Establishments Potential New Category. EPA determined that the outfall 001 flows for January through December 2008 were incorrectly

entered as MGD instead of GPD. Correcting these errors reduces the facility's 2008 DMR TWPE from 90,700 to 3.7 and reduces the Food Service Establishments Potential New Category's combined 2008 DMR and TRI TWPE from 198,000 to 34,000 (ERG, 2010). The category is no longer a priority for the 2010 annual review.

Independent and Stand Alone Labs (Potential New Category)

For the Independent and Stand Alone Labs Potential New Category, the *DMRLoads2008_v2* database accounts for the majority of the combined estimated TWPE. EPA identified one facility, Battelle Memorial Institute in Columbus, OH, that accounted for approximately 99 percent of the 2008 DMR TWPE for the Independent and Stand Alone Labs Potential New Category. EPA determined that the outfall 002 flows for January through August and October through December 2008 were incorrectly entered as MGD instead of GPD. Correcting these errors reduces the facility's 2008 DMR TWPE from 184,000 to 1.2 and reduces the Independent and Stand Alone Labs Potential New Category's combined 2008 DMR and TRI TWPE from 186,000 to 1,810 (ERG, 2010). The category is no longer a priority for the 2010 annual review.

The preliminary reviews for the remaining eight categories involved more than discharge data errors and, therefore, each have sections in this report. The eight preliminary reviews identified are listed below, along with a reference to where they are discussed in this report:

- Fertilizer Manufacturing Category (Section 6);
- Inorganic Chemicals Manufacturing Category (Section 7);
- Landfills Category (Section 8);
- Mineral Mining and Processing Category (Section 9);
- Oil and Gas Extraction Category (Excluding CBM) (Section 10);
- Ore Mining and Dressing Category (Section 11);
- Organic Chemicals, Plastics, and Synthetic Fibers Category (Section 12);
- Plastics Molding and Forming Category (Section 13);
- Textile Mills Category (Section 14); and
- Waste Combustors Category (Section 15).

EPA recently conducted detailed studies or preliminary reviews of many of the categories listed above. Table 5-5 lists these categories and the level of review performed for EPA's 2007 through 2010 annual reviews. For each of these categories, EPA's annual review builds on previous reviews. For the preliminary category reviews and detailed studies discussed in this document, EPA primarily looked at the pollutants reported in 2008 and their contribution to their category's TWPE.

Table 5-5. Previous Reviews for Categories with Preliminary Category Reviews for the 2010 Annual Review

| 40 CFR Part | Point Source Category | Level of Review for 2007/2008 | Level of Review for 2009/2010 |
|-------------|--|-------------------------------------|-------------------------------|
| 410 | Textile Mills | Screening-Level Review ^a | Preliminary Category Review |
| 414 | Organic Chemicals, Plastics, and Synthetic Fibers | Preliminary Category Review | Preliminary Category Review |
| 415 | Inorganic Chemicals Manufacturing | Screening-Level Review ^a | Preliminary Category Review |
| 418 | Fertilizer Manufacturing | Screening-Level Review ^a | Preliminary Category Review |
| 435 | Oil and Gas Extraction, excluding Coalbed Methane operations | NA | Preliminary Category Review |
| 436 | Mineral Mining and Processing | NA | Preliminary Category Review |
| 440 | Ore Mining and Dressing | Preliminary Category Review | Preliminary Category Review |
| 444 | Waste Combustors | Preliminary Category Review | Preliminary Category Review |
| 445 | Landfills | NA | Preliminary Category Review |
| 463 | Plastics Molding and Forming | Screening-Level Review ^a | Preliminary Category Review |

a – EPA conducted a preliminary category review as part of the 2007 annual review, but not as part of the 2008 annual review.

NA – Not applicable.

5.4 2010 Annual Review References

1. Auchterlonie, Steve. 2009. Notes from Telephone Conversation between Steve Auchterlonie, Front St. Remedial Action, and Chris Krejci, Eastern Research Group, Inc. “RE: Verification of magnitude and basis of estimate for dioxin and dioxin-like compounds discharges in PCS.” (March 13). EPA-HQ-OW-2008-0517-0076.
2. ERG. 2010. Eastern Research Group, Inc. Preliminary Category Review – Facility Data Review and Revised Calculations. (September). EPA-HQ-OW-2008-0517 DCN 07304.
3. O’Brien, Karen. 2010. EPA Region 2. Notes from Telephone Conversation between Karen O’Brien, EPA Region 2, and Eleanor Coddington, Eastern Research Group, Inc. “RE: Sulfide discharges from Bacardi Corporation in Puerto Rico.” (August). EPA-HQ-OW-2008-0517 DCN 07305.
4. Smith, Gordon. 2010. Telephone and E-mail communication with Gordon Smith, Bayer CropSciences, and Lauren Wingo, Eastern Research Group, Inc. “Re: Bayer CropSciences’ 2008 DMR Pesticide Discharges.” (September 14). EPA-HQ-OW-2008-0517 DCN 07268.
5. Travis, Chris. 2010. Notes from Telephone Conversation between Chris Travis, USEC PDGDP, and Elizabeth Sabol, Eastern Research Group, Inc. “RE: PCB concentrations reported to DMR in 2008.” (March 17). EPA-HQ-OW-2008-0517 DCN 07265.
6. U.S. EPA Region 2. 2007. National Pollutant Discharge Elimination System Fact Sheet – PR0000591 – Bacardi Corporation – Cataño, Puerto Rico. (December 12). EPA-HQ-OW-2008-0517 DCN 07269.

7. U.S. EPA Region 2. 2008. National Pollutant Discharge Elimination System Permit – PR0000591 – Bacardi Corporation – Cataño, Puerto Rico. (July 1). EPA-HQ-OW-2008-0517 DCN 07270.
8. U.S. EPA. 1988a. CERCLA Compliance with Other Laws Manual: Interim Final. EPA-540-G-89-006. OSWER Publication 9234.1-01. Washington, DC. (August). Available online at: www.epa.gov/superfund/resources/remedy/pdf/540g-89006-s.pdf.
9. U.S. EPA. 1988b. Guidance on Remedial Actions for Contaminated Ground Water at Superfund Sites. OSWER Directive 9283.1-2. EPA-540-G-88-003. (December). Available online at: www.epa.gov/superfund/resources/remedy/pdf/540g-89006-s.pdf.
10. U.S. EPA. 2006a. *Final Report: Pulp, Paper, and Paperboard Detailed Study*. EPA-821-R-06-016. Washington, DC. (November). EPA-HQ-OW-2004-0032-2249.
11. U.S. EPA. 2006b. *Technical Support Document for the 2006 Effluent Guidelines Program Plan*. EPA-821R-06-018. (December). EPA-HQ-OW-2004-0032-2782.
12. U.S. EPA. 2008. *Coal Mining Detailed Study*. EPA-821-R-08-012. Washington, DC. (August). EPA-HQ-OW-2006-0771-1695.
13. U.S. EPA. 2009. *Technical Support Document for the Preliminary 2010 Effluent Guidelines Program Plan*. EPA-821-R-09-006. Washington, DC. (October). EPA-HQ-OW-2008-0517-0515.

6. FERTILIZER MANUFACTURING (40 CFR PART 418)

EPA selected the Fertilizer Manufacturing Category for preliminary review because it continues to rank high, in terms of toxic-weighted pound equivalent (TWPE), in point source category rankings (see Table 5-3 for the point source category rankings). The Final 2006 Plan summarizes the results of EPA's previous review of this industry in 2004 and 2005 (71 FR 76644). EPA also reviewed discharges from the Fertilizer Manufacturing Category as part of the 2009 annual review (74 FR 68599). This section summarizes the results of the 2010 annual review associated with the Fertilizer Manufacturing Category. EPA focused on discharges of fluoride from two facilities because of their high TWPE relative to the other facilities in the Fertilizer Manufacturing Category.

6.1 Fertilizer Manufacturing Category Background

This subsection provides the background on the Fertilizer Manufacturing Category including a brief profile of the fertilizer manufacturing industry and background on 40 CFR Part 418.

6.1.1 *Fertilizer Manufacturing Industry Profile*

The fertilizer manufacturing industry includes facilities that produce phosphorus- and nitrogen-based fertilizers (U.S. EPA, 2006). EPA considered the following three North American Industrial Classification System (NAICS) codes as part of the Fertilizer Manufacturing Category:

- 325311: Nitrogenous Fertilizer Manufacturing;
- 325312: Phosphatic Fertilizer Manufacturing; and
- 325314: Fertilizer (Mixing Only) Manufacturing.

Because the Permit Compliance System (PCS) and Integrated Compliance Information System – National Pollutant Discharge Elimination System (ICIS-NPDES) data systems, the sources of the discharge monitoring report (DMR) data used to develop *DMRLoads2008*, report facilities by Standard Industrial Classification (SIC) code, and the U.S. Economic Census and Toxics Release Inventory (TRI) report data by North American Industry Classification System (NAICS) code, EPA reclassified the 2008 DMR data by the equivalent NAICS code. Table 6-1 lists the number of facilities from the U.S. Economic Census and the screening-level databases for the three NAICS codes with operations in the Fertilizer Manufacturing Category, including the corresponding SIC codes for reference. The U.S. Economic Census includes more facilities than the screening-level databases because of many possible factors including: facilities may not meet TRI-reporting thresholds, facilities may discharge to a publicly owned treatment works (POTW), and some facilities in the U.S. Economic Census are distributors or sales facilities, not manufacturers.

Table 6-1. Number of Fertilizer Manufacturing Facilities

| NAICS Code | Corresponding SIC Code | Number of Facilities | | |
|--|--|---------------------------|--------------------------------|--------------------------------|
| | | 2002 U.S. Economic Census | 2008 DMR Database ^a | 2008 TRI Database ^b |
| 325311: Nitrogenous Fertilizer Manufacturing | 2873: Nitrogenous Fertilizers | 144 | 63 | 42 |
| 325312: Phosphatic Fertilizer Manufacturing | 2874FER: Phosphatic Fertilizers ^c | 45 | 2 ^d | 17 ^e |
| 325314: Fertilizer (Mixing Only) Manufacturing | 2875: Fertilizer (Mixing Only) Manufacturing | 534 | 54 | 57 |
| Total | | 723 | 119 | 116 |

Source: U.S. Economic Census, 2002 (U.S. Census, 2002); *DMRLoads2008_v2*; and *TRIRelases2008_v3*.

a – Includes both major and minor dischargers. Also, DMR data is reported by SIC code; therefore EPA used an NAICS to SIC crosswalk for comparison purposes.

b – Facilities reporting releases to any media.

c – Wastewater generated by facilities in SIC code 2874 can be regulated under multiple categories. Most facilities in SIC code 2874 are grouped under the Phosphate Manufacturing Category (40 CFR Part 422). EPA reviewed available information about pollutant loads and manufacturing operations for facilities reporting this SIC code. In its crosswalk, EPA assigned the extension “FER” to the end of the SIC codes for facilities that most likely fall under the applicability of 40 CFR Part 418, Fertilizer Manufacturing (U.S. EPA, 2006).

d – Includes facilities that EPA determined were subject to the Fertilizer Manufacturing Effluent Limitations Guidelines and Pretreatment Standards (ELGs) as part of the 2006 annual review reporting SIC code 2874: Phosphatic Fertilizers (U.S. EPA, 2006).

e – EPA identified an error in the *TRIRelases2008_v3* database, and pollutant loads for facilities with NAICS code 325312 are currently associated with the Phosphate Manufacturing Category (40 CFR Part 422) rather than the Fertilizer Manufacturing Category. The 2008 TRI TWPE for these facilities is only 657 TWPE (compared with the Fertilizer Manufacturing Category total of 826,000 TWPE). Therefore, the TWPE associated with facilities reporting NAICS code does not affect the category ranking. EPA will correct the error in future annual reviews.

Table 6-2 shows whether permitting authorities designated direct discharging facilities in the Fertilizer Manufacturing Category as minor or major dischargers (see Section 4.1.5). EPA included data for minor dischargers in the 2010 annual review, as part of *DMRLoads2008_v2* (for previous annual reviews, EPA included only major dischargers). EPA does not require permitting authorities to submit DMR data for minor dischargers; however, many states do provide complete DMR data for them. From the 2010 annual review, EPA observed many data entry or other errors for minor dischargers in addition to those previously identified for major dischargers, as discussed in Section 4.3. Table 6-2 shows that approximately 81 percent of the Fertilizer Manufacturing Category dischargers in the 2008 DMR database are minor dischargers. However, as shown in Table 6-6, the TWPE from the minor dischargers is negligible compared to the facilities with the greatest TWPE in this category (i.e., major dischargers).

Table 6-2. Number of Fertilizer Manufacturing Facilities by Discharge Classification in 2008 DMR Database

| NAICS Code ^a | Number of Facilities in 2008 DMR Database | | |
|--|---|------------------------|-----------------|
| | Major Dischargers | Minor Dischargers | All Dischargers |
| 325311: Nitrogenous Fertilizer Manufacturing | 21 | 42 | 63 |
| 325312: Phosphatic Fertilizer Manufacturing | 2 | 0 | 2 |
| 325314: Fertilizer (Mixing Only) Manufacturing | 0 | 54 | 54 |
| Total | 23 | 96 ^b | 119 |

Source: *DMRLoads2008_v2*.

a – DMR data is reported by SIC code; therefore EPA used an NAICS-to-SIC-code crosswalk for comparison purposes.

b – The DMR data in PCS and ICIS-NPDES do not include discharge data for all minor dischargers. For the facilities in the Fertilizer Manufacturing Category, 32 of the 96 minor dischargers have DMR data.

Table 6-3 presents the type of discharges reported by facilities in the 2008 TRI database. The majority of fertilizer manufacturing facilities reporting to TRI reported direct discharges to surface waters.

Table 6-3. Number of Fertilizer Manufacturing Facilities by Discharge Type in 2008 TRI Database

| NAICS Code | Number of Facilities in 2008 TRI Database | | | |
|--|---|---------------------------|--------------------------------------|---------------------|
| | Direct Dischargers Only | Indirect Dischargers Only | Both Indirect and Direct Dischargers | No Water Discharges |
| 325311: Nitrogenous Fertilizer Manufacturing | 23 | 2 | 2 | 15 |
| 325312: Phosphatic Fertilizer Manufacturing | 8 | 1 | 1 | 7 |
| 325314: Fertilizer (Mixing Only) Manufacturing | 11 | 3 | 1 | 42 |
| Total | 42 | 6 | 4 | 64 |

Source: *TRIRelases2008_v3*.

6.1.2 40 CFR Part 418

EPA first promulgated ELGs for the Fertilizer Manufacturing Category (40 CFR Part 418) on April 8, 1974 (39 FR 12836) for the Basic Fertilizer Chemicals Segment and on January 14, 1975 (40 FR 2652) for the Formulated Fertilizer Chemicals Segment. The Fertilizer Manufacturing ELGs are applicable to process wastewater and contaminated nonprocess wastewater discharged from the specific subcategories listed in Table 6-4. The seven subcategories are based on the type of fertilizer produced.

Table 6-4. Subcategories in the Fertilizer Manufacturing Category

| Subpart | Title | Description |
|---------|---|--|
| A | Phosphate Subcategory ^a | Manufacture of sulfuric acid by sulfur burning, wet-process phosphoric acid, normal superphosphate, triple superphosphate, and ammonium phosphate. |
| B | Ammonia Subcategory | Manufacture of ammonia. |
| C | Urea Subcategory | Manufacture of urea. |
| D | Ammonium Nitrate Subcategory | Manufacture of ammonium nitrate. |
| E | Nitric Acid Subcategory | Production of nitric acid in concentrations up to 68 percent. |
| F | Ammonium Sulfate Production Subcategory | Production of ammonium sulfate by the synthetic process and by coke oven by-product recovery. |
| G | Mixed Blend Fertilizer Production Subcategory | Production of mixed ^b and blend ^c fertilizer. |

Source: *Fertilizer Manufacturing Point Source Category - 40 CFR Part 418 and Preliminary Review of Prioritized Categories of Industrial Dischargers* (U.S. EPA, 2005).

a – The applicability of Subpart A excludes certain wet-process phosphoric acid processes from best practicable control technology (BPT) and best available technology economically achievable (BAT) limitations. The exclusion applies to processes that were under construction either on or before April 8, 1974, at plants located in the state of Louisiana.

b – Mixed fertilizer means “a mixture of wet and/or dry straight fertilizer material, mixed fertilizer materials, fillers and additives prepared through chemical reaction to a given formulation.”

c – Blend fertilizer means “a mixture of dry, straight and mixed fertilizer materials.”

6.2 Fertilizer Manufacturing Category 2010 Screening-Level Review

Table 6-5 compares the screening-level review results for the Fertilizer Manufacturing Category from the 2006 through 2010 annual reviews. The combined TWPE from discharges in the DMR and TRI databases decreased from discharge years 2002 to 2008. The estimated 2008 DMR TWPE dominates the estimated 2008 category TWPE, composing approximately 99 percent of the combined 2008 DMR and TRI TWPE, similar to previous years of data.

Table 6-5. Fertilizer Manufacturing Category TRI and DMR Discharges for the 2006 through 2010 Screening-Level Reviews

| Year of Discharge | Year of Review | Fertilizer Manufacturing Category | | |
|-------------------|----------------|-----------------------------------|-----------------------|------------|
| | | TRI TWPE | DMR TWPE ^a | Total TWPE |
| 2002 | 2006 | 9,100 | 1,370,000 | 1,380,000 |
| 2004 | 2007 | 10,800 | 1,170,000 | 1,180,000 |
| 2005 | 2008 | 7,300 | NA | NA |
| 2007 | 2009 | 4,460 | 1,095,000 | 1,100,000 |
| 2008 | 2010 | 8,120 | 818,000 | 826,000 |

Source: *TRIRelases2002_v4; PCSLoads2002_v4; TRIRelases2004_v3; PCSLoads2004_v3; TRIRelases2005_v2; TRIRelases2007_v2; DMRLoads2007_v4; TRIRelases2008_v3; and DMRLoads2008_v2.*

a – DMR data from 2002 through 2007 includes only major dischargers. 2008 DMR data includes both minor and major dischargers.

NA – Not applicable. EPA did not evaluate DMR data for 2005.

Table 6-6 presents the 2008 DMR TWPE by facility discharge classification. EPA excluded minor dischargers from previous annual reviews, but included them in the 2010 annual review. The majority (98 percent) of the TWPE in the 2008 DMR database results from major dischargers.

Table 6-6. Fertilizer Manufacturing Category 2008 DMR TWPE by Discharge Classification

| Year of Discharge ^a | TWPE from Minor Dischargers | TWPE from Major Dischargers |
|--------------------------------|-----------------------------|-----------------------------|
| 2008 | 16,300 | 802,000 |

Source: *DMRLoads2008_v2*.

a – Data for previous years of discharge are not included because EPA excluded minor dischargers from previous annual reviews.

6.3 Fertilizer Manufacturing Category Pollutants of Concern

Table 6-7 lists the five pollutants with the highest TRI TWPE based on results from the 2010, 2009, and 2007 annual reviews (*TRIReleases2008_v3*, *TRIReleases2007_v2*, and *TRIReleases2004_v3*, respectively). Table 6-8 lists the five pollutants with the highest TWPE based on results from the 2010, 2009, and 2007 annual reviews (*DMRLoads2008_v2*, *DMRLoads2007_v3*, and *PCSLoads2004_v4*, respectively).

Table 6-7. Fertilizer Manufacturing Category Top TRI Pollutants

| Pollutant | 2004 TRI Data ^a | | | 2007 TRI Data ^a | | | 2008 TRI Data ^a | | |
|--|--|--|---------------|--|--|--------------------------|---|--|--------------------------|
| | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE |
| Nitrate Compounds | 1 | 31 | 3,560 | 1 | 19 | 2,250 | 1 | 27 | 3,650 |
| Polycyclic Aromatic Compounds | 3 | 1 | 1,570 | Pollutant not reported in the top five 2007 TRI reported pollutants. | | | 2 | 1 | 1,170 |
| Chlorine | 5 | 8 | 1,210 | 2 | 5 | 653 | 3 | 4 | 772 |
| Mercury and Mercury Compounds | Pollutant not reported in the top five 2004 TRI reported pollutants. | | | 3 | 2 | 648 | 4 | 4 | 710 |
| Copper and Copper Compounds | 4 | 13 | 1,240 | 5 | 4 | 228 | 5 | 10 | 517 |
| Zinc and Zinc Compounds | Pollutant not reported in the top five 2004 TRI reported pollutants. | | | 4 | 5 | 240 | Pollutants not reported in the top five 2008 TRI reported pollutants. | | |
| Dioxin and Dioxin-Like Compounds | 2 | 1 | 1,960 | Pollutant not reported in the top five 2007 TRI reported pollutants. | | | | | |
| Fertilizer Manufacturing Category Total | NA | 47^b | 10,850 | NA | 29^b | 4,460^c | NA | 42^b | 8,120^c |

Source: *TRIRelases2004_v3*; *TRIRelases2007_v2*; and *TRIRelases2008_v3*.

a – Discharges include transfers to POTWs and account for POTW removals.

b – Number of facilities reporting TWPE greater than zero.

c – EPA identified an error in the *TRIRelases2007_v2* and *TRIRelases2008_v3* databases, and pollutant loads associated with facilities reporting NAICS code 325312 are currently associated with the Phosphate Manufacturing Category (40 CFR Part 422) rather than the Fertilizer Manufacturing Category. EPA will correct the error in future years of the TRI database. The TWPE for these facilities is less than 10 percent of the total TWPE for both years (242 TWPE for 2007 and 657 TWPE for 2008).

NA – Not applicable.

Table 6-8. Fertilizer Manufacturing Category Top DMR Pollutants

| Pollutant | 2004 DMR Data ^a | | | 2007 DMR Data ^a | | | 2008 DMR Data ^b | | |
|--|--|--|------------------|--|--|------------------|--|--|----------------|
| | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE |
| Fluoride | 1 | 4 | 1,120,000 | 1 | 3 | 1,055,000 | 1 | 3 | 778,000 |
| Ammonia as Nitrogen | 4 | 19 | 4,520 | 4 | 16 | 2,400 | 2 | 27 | 16,000 |
| Aluminum | 2 | 1 | 16,700 | 3 | 1 | 10,600 | 3 | 1 | 13,300 |
| Cadmium | 3 | 2 | 16,600 | 2 | 2 | 25,400 | 4 | 1 | 6,710 |
| 2,4-Dichlorophenoxyacetic Acid | Pollutant not reported in the top five 2004 DMR reported pollutants. | | | Pollutant not reported in the top five 2007 DMR reported pollutants. | | | 5 | 1 | 1,750 |
| Nitrogen, nitrate total (as N) | 5 | 12 | 4,080 | 5 | 11 | 782 | Pollutant not reported in the top five 2008 DMR reported pollutants. | | |
| Fertilizer Manufacturing Category Total | NA | 22^c | 1,170,000 | NA | 19^c | 1,100,000 | NA | 36^c | 818,000 |

Source: PCSLoads2004_v4; DMRLoads2007_v3; and DMRLoads2008_v2.

a – 2004 and 2007 DMR data includes only major dischargers.

b – 2008 DMR data include major and minor dischargers.

c – Number of facilities reporting a TWPE of greater than zero.

NA – Not applicable.

The Fertilizer Manufacturing Category TWPE in the 2008 TRI database is significantly lower than the TWPE in the 2008 DMR database. Therefore, EPA focused the preliminary category review on the DMR-reported pollutants that account for the majority of the category TWPE.

Fluoride is the top DMR-reported pollutant in 2004, 2007, and 2008, contributing more than 95 percent of the total category TWPE. EPA's preliminary review focused on discharges of fluoride and the review results are presented in the following subsections. EPA did not investigate the other top pollutants as part of the 2010 annual review because the other pollutants represent a small percentage (6 percent) of the combined 2008 DMR and TRI TWPE for the Fertilizer Manufacturing Category.

6.4 Fertilizer Manufacturing Category Fluoride Discharges in DMR

The 2010 annual review of the Fertilizer Manufacturing Category focused on fluoride discharges in the 2008 DMR database. Table 6-9 presents the facilities that account for all of the fluoride discharges in the 2008 and 2007 DMR databases. The decrease in fluoride TWPE from 2007 to 2008 likely results from decreased flow in 2008, as flow fluctuates with rain events.

The majority (91 percent) of the fluoride discharges in 2008 were from Mosaic Fertilizers, LLC in Uncle Sam, LA. The other two facilities, IMC Phosphates in St. James, LA and Mississippi Phosphates Corp in Pascagoula, MS account for the remaining 9 percent. Fluoride is generated in the manufacture of wet-process phosphoric acid that is used in phosphatic fertilizer manufacturing (U.S. EPA, 1974). See the *Technical Support Document for the 2006 Effluent Guidelines Program Plan* (U.S. EPA, 2006) for descriptions of the wet-process phosphoric acid process (Section 8.5.1), wastewater sources of fluoride (Section 8.5.2), and wastewater treatment of fluoride (Section 8.5.3). The subsections below provide information on the facilities that discharge the highest amounts of fluoride.

Table 6-9. Top Fluoride Discharging Facilities in 2007 and 2008 DMR Databases

| Facility Name | Facility Location | 2007 | | | 2008 ^a | | |
|------------------------------|-------------------|-------------------------------|------------------|--|-------------------------------|----------------|--|
| | | Pounds of Fluoride Discharged | Fluoride TWPE | Percentage of Fertilizer Manufacturing Category's 2007 DMR Fluoride TWPE | Pounds of Fluoride Discharged | Fluoride TWPE | Percentage of Fertilizer Manufacturing Category's 2008 DMR Fluoride TWPE |
| Mosaic Fertilizer, LLC | Uncle Sam, LA | 27,300,000 | 957,000 | 91% | 23,500,000 | 705,000 | 91% |
| IMC Phosphates Co. | St James, LA | 2,140,000 | 75,900 | 7% | 2,000,000 | 59,900 | 8% |
| Mississippi Phosphates Corp. | Pascagoula, MS | 665,000 | 23,300 | 2% | 452,000 | 13,600 | 1% |
| Total | | 30,200,000 | 1,055,000 | 100% | 25,900,000 | 778,000 | 100% |

Source: *DMRLoads2007_v3* and *DMRLoads2008_v2*.

a – Major and minor dischargers.

6.4.1 Top Facility Permit Compliance

Both of the top facilities in the Fertilizer Manufacturing Category are phosphate fertilizer manufacturers. Phosphate fertilizer manufacturers are subject to 40 CFR Part 418 Subpart A – Phosphate Subcategory. Subpart A BAT includes limits on flow-based surge capacity and pollutant discharge concentrations. The flow-based requirements are:

- Zero discharge of wastewater except from the gypsum storage and disposal area;
- Maintenance of a surge capacity for a 10-year, 24-hour storm event (BPT) or a 25-year, 24-hour storm event (BAT) in the gypsum storage and disposal area;
- If stored wastewater reaches 50 percent of the required surge capacity, the facility is *allowed* to discharge treated wastewater;
- If stored wastewater exceeds 50 percent of the required surge capacity, the facility is *required* to treat and discharge wastewater; and
- During discharge events, facilities are required to meet limitations for phosphorous, fluoride (25 mg/L monthly average and 75 mg/L daily maximum), total suspended solids, and pH (U.S. EPA, 1974).

Facilities minimize the volume of wastewater discharged by impounding and recirculating all direct contact process wastewater, including stormwater runoff from active gypsum storage and disposal areas. This recirculation leads to an accumulation of fluoride, phosphorous, and radium in the wastewater with concentrations in excess of 8,500 mg/L fluoride, 5,000 mg/L phosphorous, and 60 pCi/L radium 226. Additionally, the wastewater is typically very acidic with a pH of between one and two. Several facilities report that they have not treated or discharged wastewater for several years. For the 1974 rulemaking, EPA determined that most facilities would discharge continuously between two and four months of the year due to excess wastewater in the impoundment from rainfall (U.S. EPA, 1974).

The applicability of Subpart A excludes certain wet-process phosphoric acid processes from BPT, BAT, and BCT limitations that were under construction either on or before April 8, 1974, at plants located in the state of Louisiana. As a result, the Mosaic Fertilizers facility in Uncle Sam, LA and IMC Phosphates facility in St. James, LA are excluded from Subpart A. Permit writers limit discharges from these facilities using best professional judgment (BPJ) (see 52 FR 28428, July 29, 1987). Table 6-10 presents the outfall descriptions and the permit limits and findings for both facilities. For some portion of the discharges from the Mosaic Fertilizers' Uncle Sam and IMC Phosphates' St. James facilities, BPJ permits incorporate Subpart A requirements.

Table 6-10. Outfalls and Permit Information for Top Fluoride Dischargers

| Name | Outfall with Fluoride Discharges | Fluoride Permit Limits | Permit Findings |
|--|--|---|---|
| Mosaic Fertilizers LLC – Uncle Sam, LA | 001: Once-through cooling water, scrubber water, nonprocess wastewater, fertilizer area stormwater, inactive gypsum storage area, and active gypsum storage area | Limits for outfall 001 excluding inactive and active gypsum storage area discharges: 165,000 lb/day monthly average 222,800 lb/day daily maximum ^a | <ul style="list-style-type: none"> • Acknowledges exemption of flow requirements; • Portion of gypsum storage and disposal are designated inactive; • Stormwater from inactive storage and disposal area discharged without treatment; Fundamentally Different Factor (FDF) granted to exempt facility from recycling process wastewater by installing fluoride scrubber; • Gypsum storage area must meet BAT requirements; • Optional discharge of treated wastewater below 50% surge capacity; • Required discharge of treated wastewater above 50% storage capacity. |
| IMC Phosphates – St. James, LA | 001: Active gypsum storage area, process wastewater, stormwater, nonprocess wastewater, and noncontact cooling water | 25 mg/L monthly average 75 mg/L daily maximum | <ul style="list-style-type: none"> • No acknowledgement of exemption of flow requirements; • No discharge of process wastewater; • Gypsum storage area must meet BAT requirements; • Optional discharge of treated wastewater below 50% surge capacity; • Required discharge of treated wastewater above 50% storage capacity. |
| | 002: Inactive gypsum storage area | Monitor and report fluoride discharges | |

Source: Facility Permits (LDEQ, 2003; LDEQ, 2004a; and LDEQ, 2004b).

a – Mass-based fluoride limitations are based on fluoride removal efficiency of the scrubber.

6.4.2 Mosaic Fertilizers, LLC in Uncle Sam, LA

Table 6-11 presents the monthly discharge data for Mosaic Fertilizers' Uncle Sam facility, compared to the mass-based fluoride permit limit. Table 6-11 also includes a calculated monthly average concentration for the facility and the 40 CFR Part 418 concentration-based limit (25 mg/L). EPA calculated the monthly average concentration using the average quantity and flow data in the DMR Loadings Tool.

Table 6-11. Mosaic Fertilizers 2008 Monthly Fluoride Discharge Data and 40 CFR Part 418 Monthly Average Limitations

| Outfall | Monitoring Period Date | Average Fluoride Quantity from DMR data (lb/day) | Monthly Average Fluoride Permit Limit (lb/day) | Calculated Fluoride Concentration (mg/L) ^a | 40 CFR Part 418 Monthly Average Fluoride Limit (mg/L) ^b |
|---------|------------------------|--|--|---|--|
| 001 | 31-Jan-08 | 62,872 | 165,000 | 143 | 25 |
| 001 | 29-Feb-08 | 74,246 | 165,000 | 153 | 25 |
| 001 | 31-Mar-08 | 77,855 | 165,000 | 156 | 25 |
| 001 | 30-Apr-08 | 126,387 | 165,000 | 193 | 25 |
| 001 | 31-May-08 | 88,278 | 165,000 | 139 | 25 |
| 001 | 30-Jun-08 | 4,899 | 165,000 | 7.26 | 25 |
| 001 | 31-Jul-08 | 94,499 | 165,000 | 141 | 25 |
| 001 | 31-Aug-08 | 102,640 | 165,000 | 142 | 25 |
| 001 | 30-Sep-08 | 18,978 | 165,000 | 72.6 | 25 |
| 001 | 31-Oct-08 | 70,030 | 165,000 | 117 | 25 |
| 001 | 30-Nov-08 | 49,890 | 165,000 | 88.6 | 25 |
| 001 | 31-Dec-08 | 787 | 165,000 | 3.53 | 25 |

Source: DMR Loadings Tool and Facility Permit (LDEQ, 2003).

a – Concentration was calculated using the monthly quantity (lb/day) and flow (million gallons per day).

b – The 40 CFR Part 418 Subpart A limit for fluoride discharges is 25 mg/L when the facilities are discharging.

The 2008 DMR database includes over 23 millions pounds of fluoride discharged by Mosaic Fertilizers' Uncle Sam facility. The facility permit has a maximum fluoride permit limit of 165,000 lb/day, set by permit writers using BPJ. The facility is not exceeding the mass-based permit limit; however, the limit is exceedingly high compared to the effluent guidelines that apply to other facilities in the subcategory. Additionally, the fluoride concentrations from this outfall range from 3.3 mg/L to 193 mg/L, the majority of which are greater than the treatable concentrations reported in the *Development Document for Effluent Limitations Guidelines and New Source Performance Standards for the Basic Fertilizer Chemicals Segment of the Fertilizer Manufacturing Point Source Category* (1974 Development Document) (U.S. EPA, 1974).

6.4.3 IMC Phosphates in St. James, LA

Table 6-12 presents the 2008 fluoride discharges for IMC Phosphates' two outfalls. From the facility permit, outfall 001 is the outfall for the active gypsum storage area, process wastewater, stormwater, nonprocess wastewater, and noncontact cooling water. Discharges from outfall 001 must meet the 40 CFR Part 418 Subpart A fluoride limits (LDEQ, 2004a; LDEQ, 2004b); IMC Phosphates met these limits in 2008. Outfall 002 is the outfall for the inactive gypsum storage area. The permit only requires reporting of fluoride discharges from outfall 002 (i.e., no numerical limit). EPA focused the additional review of IMC Phosphates' fluoride discharges on outfall 002 because the discharges from this outfall contain the majority of the facility's fluoride TWPE and it does not have the 40 CFR Part 418 Subpart A fluoride limit.

Table 6-12. IMC Phosphates 2008 Fluoride Discharges

| Outfall | Fluoride Permit Limits (mg/L) | Average Fluoride Concentration (mg/L) | Pounds of Fluoride Discharged (lb/yr) | Fluoride TWPE |
|---------|--|---------------------------------------|---------------------------------------|---------------|
| 001 | 25 mg/L monthly average 75 mg/L daily maximum | 2.13 | 49,700 | 1,490 |
| 002 | Report only | 382 | 1,950,000 | 58,400 |

Source: *DMRLoads2008_v2* and Facility Permits (LDEQ, 2004a and LDEQ, 2004b).

Table 6-13 presents the monthly discharge data for IMC Phosphates outfall 002, compared to the fluoride permit limit and the 40 CFR Part 418 Subpart A concentration-based fluoride limit (25 mg/L).

Table 6-13. IMC Phosphates Outfall 002 2008 Monthly Fluoride Discharge Data and 40 CFR Part 418 Monthly Average Limitations

| Outfall | Monitoring Period Date | Average Fluoride Concentration (mg/L) | 40 CFR Part 418 Monthly Average Fluoride Limit (mg/L) | Facility Permit Monthly Average Fluoride Limit (mg/L) |
|---------|------------------------|---------------------------------------|---|---|
| 002 | 31-Jan-08 | 523 | 25 | Report Only (No Limit) |
| 002 | 29-Feb-08 | 454 | 25 | Report Only (No Limit) |
| 002 | 31-Mar-08 | 555 | 25 | Report Only (No Limit) |
| 002 | 30-Apr-08 | NA | 25 | Report Only (No Limit) |
| 002 | 31-May-08 | 718 | 25 | Report Only (No Limit) |
| 002 | 30-Jun-08 | 365 | 25 | Report Only (No Limit) |
| 002 | 31-Jul-08 | 383 | 25 | Report Only (No Limit) |
| 002 | 31-Aug-08 | 360 | 25 | Report Only (No Limit) |
| 002 | 30-Sep-08 | 297 | 25 | Report Only (No Limit) |
| 002 | 31-Oct-08 | 449 | 25 | Report Only (No Limit) |
| 002 | 30-Nov-08 | 279 | 25 | Report Only (No Limit) |
| 002 | 31-Dec-08 | 234 | 25 | Report Only (No Limit) |

Source: DMR Loadings Tool.

NA – Not available. The DMR Loadings Tool does not have a fluoride concentration for IMC Phosphates for April 2008.

The 2008 DMR database includes close to 2 millions pounds of fluoride discharged by IMC Phosphates for outfall 002. The facility permit does not limit discharges of fluoride from outfall 002; however, the concentrations are exceeding the effluent guidelines (25 mg/L) that apply to other outfalls at the facility and at other facilities within the subcategory. Additionally, the fluoride concentrations from this outfall range from 234 mg/L to 718 mg/L, all of which are greater than the treatable concentrations reported in the 1974 Development Document (U.S. EPA, 1974).

6.5 Fertilizer Manufacturing Category Conclusions

The estimated toxicity of the Fertilizer Manufacturing Category discharges results mainly from the fluoride discharges of two plants (accounting for 95 percent of the category's 2008

DMR TWPE). Data collected for the 2010 annual review demonstrated that wastewater discharge characteristics for this category are consistent with discharges from prior years. As in prior years, EPA makes the following conclusions:

- The fluoride discharges were verified in the 2008 DMR database for Mosaic Fertilizers' Uncle Sam facility and IMC Phosphates' St. James facility, both phosphate fertilizer manufacturers in Louisiana. These facilities are exempt from 40 CFR Part 418 Subpart A, and the permits are based on BPJ and include fluoride limits or reporting only requirements. EPA concludes that these facilities do not represent the category as a whole because they are exempt from Part 418 (see 52 FR 28428, July 29, 1987). However, fluoride is discharged at concentrations above the treatable concentrations reported in the 1974 Development Document (U.S. EPA, 1974).
- The total 2008 TWPE excluding the fluoride discharges from Mosaic Fertilizers' Uncle Sam and IMC Phosphates' St. James facilities is 61,100 TWPE.

EPA prioritizes point source categories with existing regulations for potential revision based on the greatest estimated toxicity to human health and the environment, measured as TWPE. Based on the above conclusions, EPA is assigning this category with a lower priority for revision (i.e., this category is marked with “(3)” in the “Findings” column in Table V-1 in the Federal Register notice that presents the 2010 annual review of existing ELGs).

6.6 Fertilizer Manufacturing Category References

1. LDEQ. 2003. Louisiana Department of Environmental Quality. Office of Environmental Services Water Discharge Permit and Fact Sheet NPDES LA0004847 – IMC Phosphates Company Uncle Sam Plant, Uncle Sam, LA. Baton Rouge, LA. (June 16). EPA-HQ-OW-2004-0032-1773.
2. LDEQ. 2004a. Louisiana Department of Environmental Quality. Water Discharge Permit for NPDES LA0029769 – IMC Phosphates Company, Faustina Plant, St. James, LA. Baton Rouge, LA. EPA-HQ-OW-2004-0032-1134.
3. LDEQ. 2004b. Louisiana Department of Environmental Quality. Water Discharge Permit Fact Sheet for NPDES LA0029769 – IMC Phosphates Company, Faustina Plant, St. James, LA. Baton Rouge, LA. EPA-HQ-OW-2004-0032-1134.
4. U.S. Census. 2002. U.S. Economic Census. Available online at: <http://www.census.gov/econ/census02>.
5. U.S. EPA. 1974. *Development Document for Effluent Limitations Guidelines and New Source Performance Standards for the Basic Fertilizer Chemicals Segment of the Fertilizer Manufacturing Point Source Category*. EPA-440/1-75/042-a. Washington, DC. (March).

6. U.S. EPA. 2005. *Preliminary 2005 Review of Prioritized Categories of Industrial Dischargers*. EPA-821-B-05-004. Washington, DC. (August). EPA-HQ-OW-2004-0032-0053.
7. U.S. EPA. 2006. *Technical Support Document for the 2006 Effluent Guidelines Program Plan*. EPA-821R-06-018. Washington, DC. (December). EPA-HQ-OW-2004-0032-2782.

7. INORGANIC CHEMICALS MANUFACTURING (40 CFR PART 415)

EPA identified the Inorganic Chemicals Manufacturing (Inorganic Chemicals) Point Source Category (40 CFR Part 415) for preliminary review because it continues to rank high, in terms of toxic-weighted pound equivalent (TWPE), in point source category rankings (see Table 5-3 for the point source category rankings). This industry was reviewed previously in each of EPA's Preliminary and Final Effluent Guidelines Program Plans from 2004 to 2009, except for 2008 (U.S. EPA, 2004; U.S. EPA, 2005; U.S. EPA, 2006; U.S. EPA, 2007; U.S. EPA, 2009). This section summarizes the results of the 2010 annual review associated with the Inorganic Chemicals Category. EPA focused on discharges of metals because of their high TWPE relative to the rest of the Inorganic Chemicals Category.

This section describes the results of EPA's 2010 preliminary category review of the Inorganic Chemicals Category. EPA is currently reviewing discharges from the Chlor-Alkali Subcategory as part of the Chlorine and Chlorinated Hydrocarbons (CCH) Effluent Limitations Guidelines and Standards (ELGs) rulemaking. Because a rulemaking for this segment of the Inorganic Chemicals Category is underway, EPA excluded discharges from these facilities from further consideration in this review (see Table V-1, 73 FR 53218, September 15, 2008).

7.1 Inorganic Chemicals Category Background

This subsection provides background on the Inorganic Chemicals Category including a brief profile of the inorganic chemicals industry and background on 40 CFR Part 415.

7.1.1 *Inorganic Chemicals Industry Profile*

The inorganic chemicals manufacturing industry includes a broad class of facilities encompassing the manufacture of substances that do not include carbon and its derivatives as their principal elements. EPA considered the following seven North American Industry Classification System (NAICS) codes as part of the Inorganic Chemicals Category:

- 325120: Industrial Gases;
- 325131: Inorganic Pigments;
- 325181: Alkalies and Chlorine;
- 325188: All Other Basic Inorganic Chemical Manufacturing;
- 325998INORG: All Other Miscellaneous Chemical Product and Preparation;
- 331311: Alumina Refining; and
- 325510INORG: Paint and Coating Manufacturing.

Wastewater generated by facilities in NAICS codes 325998 and 325510 may be regulated under multiple point source categories. For example, most facilities in NAICS 325510 are grouped under Organic Chemicals, Plastics, and Synthetic Fibers Point Source Category (40 CFR Part 414). EPA reviewed available information about pollutant loads and manufacturing operations for facilities reporting these NAICS codes. In its crosswalk, EPA assigned the extension "INORG" to the end of the NAICS codes of facilities that most likely fall under the applicability of the Inorganic Chemicals Point Source Category (40 CFR Part 415).

This list of Standard Industrial Classification (SIC) codes includes facilities that EPA determined are potential new subcategories to the Inorganic Chemicals Category. As part of the

2004 annual review, EPA reviewed industries with SIC codes not clearly subject to existing ELGs. EPA concluded that the processes, operations, wastewaters, and pollutants of facilities in the following SIC codes are similar to those of the Inorganic Chemicals Category (U.S. EPA, 2004):¹²

- 2812: Alkalies and Chlorine;
- 2813: Industrial Gases;
- 2816: Inorganic Pigments; and
- 2819: Industrial Inorganic Chemicals.

As part of the 2009 annual review, EPA reclassified these SIC codes as equivalent NAICS codes for use with the U.S. Economic Census and Toxics Release Inventory (TRI) data that are reported by NAICS code. However, there is not a direct relationship between one SIC and one NAICS codes. As a result, EPA included the following NAICS codes in the 2010 annual review of the Inorganic Chemicals Category because they contain facilities with operations that are similar to the SIC codes above:

- 325120: Industrial Gases;
- 325131: Inorganic Pigments;
- 325181: Alkalies and Chlorine;
- 325188: All Other Basic Inorganic Chemical Manufacturing;
- 331311: Alumina Refining; and
- 325510INORG: Paint and Coating Manufacturing.

Because Permit Compliance System (PCS) and Integrated Compliance Information System – National Pollutant Discharge Elimination System (ICIS-NPDES) data systems, the sources of the discharge monitoring report (DMR) data used to develop *DMRLoads2008*, report facilities by SIC codes, and the U.S. Economic Census and TRI report data by NAICS code, EPA reclassified the 2008 DMR data by the equivalent NAICS code. Table 7-1 lists the number of facilities from the U.S. Economic Census and the screening-level databases for the seven NAICS codes with operations in the Inorganic Chemicals Category the corresponding SIC codes are included for reference. The U.S. Economic Census includes more facilities than the screening-level databases because of many possible factors including not meeting TRI-reporting thresholds, discharging to a publicly owned treatment works (POTW), and because some of those in the U.S. Economic Census are distributors or sales facilities, not manufacturers.

¹² The tables in this section include discharge information from facilities reporting these SIC codes and the corresponding NAICS codes; however, these facilities contribute negligible amounts of TWPE. Consistent with the conclusions drawn during the 2004 detailed study (U.S. EPA, 2004) and 2006 review (U.S. EPA, 2006), EPA found that large numbers of these facilities discharge no wastewater and only a small number of facilities discharge TWPE greater than zero.

Table 7-1. Number of Inorganic Chemicals Manufacturing Facilities

| NAICS Code | Corresponding SIC Code | Number of Facilities | | |
|---|--|---------------------------|--------------------------------|--------------------------------|
| | | 2002 U.S. Economic Census | 2008 DMR Database ^a | 2008 TRI Database ^b |
| 325120: Industrial Gas Manufacturing | 2813: Industrial Gases 2816: Inorganic Pigments 2819: Industrial Inorganic Chemicals, NEC 2812: Alkalies and Chlorine | 572 | 440 | 70 |
| 325131: Inorganic Dye and Pigment Manufacturing | | 81 | | 41 |
| 325188: All Other Basic Inorganic Chemical Manufacturing | | 631 | | 276 |
| 325510INORG: Paint and Coating Manufacturing | | NA | | 2 |
| 325998INORG: All Other Miscellaneous Chemical Product and Preparation | | NA | | 12 |
| 331311: Alumina Refining | | 10 | | 6 |
| 325181: Alkalies and Chlorine Manufacturing | | 41 | 12 | 6 |
| Total | | >1,335 | 452 | 413 |

Source: U.S. Economic Census, 2002 (U.S. Census, 2002); *DMRLoads2008_v2*; and *TRIRelases2008_v3*.

a – Includes both major and minor dischargers. Also, DMR data are reported by SIC code; therefore, EPA used an NAICS to SIC crosswalk for comparison purposes.

b – Releases to any media.

NA – Not applicable. These facility-specific NAICS codes do not correspond to NAICS codes in the 2002 U.S. Economic Census.

NEC – Not elsewhere classified.

Table 7-2 shows whether permitting authorities designated direct discharging facilities in the Inorganic Chemicals Category as minor or major dischargers (see Section 4.1.5). EPA included data for minor dischargers for the first time in the 2010 annual review, as part of *DMRLoads2008_v2* database. EPA does not require permitting authorities to submit DMR data for minor dischargers; however, many states do provide complete DMR data for minor dischargers. From the 2010 annual review, EPA observed many data entry or other errors for minor dischargers in addition to those previously identified for major dischargers, as discussed in Section 4.3. Table 7-2 shows that approximately 86 percent of the Inorganic Chemicals Category dischargers in the 2008 DMR database are minor dischargers.

Table 7-2. Number of Inorganic Chemical Facilities by Facilities by Discharge Classification in 2008 DMR Database

| NAICS Code | Number of Facilities in 2008 DMR Database | | |
|---|---|-------------------|-----------------|
| | Major Dischargers | Minor Dischargers | All Dischargers |
| 325120: Industrial Gas Manufacturing | | | |
| 325131: Inorganic Dye and Pigment Manufacturing | | | |
| 325188: All Other Basic Inorganic Chemical Manufacturing | | | |
| 325510INORG: Paint and Coating Manufacturing | | | |
| 325998INORG: All Other Miscellaneous Chemical Product and Preparation | | | |
| 331311: Alumina Refining | 60 | 380 | 440 |
| 325181: Alkalis and Chlorine Manufacturing | 0 | 12 | 12 |
| Total | 60 | 392 | 452 |

Source: *DMRLoads2008_v2*.

Table 7-3 presents the type of discharges reported by facilities in the 2008 TRI database. The majority of inorganic chemicals facilities reporting to TRI do not report water discharges, but those that do are almost evenly split between direct dischargers and indirect dischargers.

Table 7-3. Number of Inorganic Chemicals Facilities by Discharge Type in 2008 TRI Database

| NAICS Code | Number of Facilities in TRI 2008 Database | | | |
|---|---|---------------------------|--------------------------|---------------------|
| | Direct Dischargers Only | Indirect Dischargers Only | Both Indirect and Direct | No Water Discharges |
| 325120: Industrial Gas Manufacturing | 4 | 6 | 0 | 60 |
| 325131: Inorganic Dye and Pigment Manufacturing | 14 | 9 | 4 | 14 |
| 325181: Alkalis and Chlorine Manufacturing | 0 | 2 | 0 | 4 |
| 325188: All Other Basic Inorganic Chemical Manufacturing | 40 | 44 | 24 | 168 |
| 325510INORG: Paint and Coating Manufacturing | 1 | 0 | 1 | 0 |
| 325998INORG: All Other Miscellaneous Chemical Product and Preparation | 2 | 8 | 0 | 2 |
| 331311: Alumina Refining | 2 | 1 | 0 | 3 |
| Total | 63 | 70 | 29 | 251 |

Source: *TRIRelases2008_v3*.

7.1.2 40 CFR Part 415

Wastewater discharges for the inorganic chemicals manufacturing industry are regulated under 40 CFR Part 415: Inorganic Chemicals Manufacturing Point Source Category. This category consists of 67 subcategories defined by the type of inorganic chemical product manufactured. In addition to best practicable control technology (BPT), best available technology economically achievable (BAT), best conventional pollutant control technology (BCT), and new source performance standards (NSPS), the category includes pretreatment standards for existing sources (PSES) and pretreatment standards for new sources (PSNS) limitations for at least one subcategory. Table 5-6 in the 2004 Effluent Guidelines Program Plan contains details on the pollutants regulated by each subpart (U.S. EPA, 2004). The effluent guidelines for the Inorganic Chemicals Category were first promulgated in 1974 and revised in 1975, 1976, 1982, and 1986.

7.2 Inorganic Chemicals Category Screening-Level Review

Table 7-4 compares the screening-level results for the Inorganic Chemicals Category from the 2006 through 2010 annual reviews that represented multiple years of data from the DMR and TRI databases. The combined DMR and TRI TWPE increased slightly from discharge years 2002 to 2004, but decreased from discharge year 2007 to 2008.

Table 7-4. Inorganic Chemicals Category TRI and DMR Discharges for the 2006 through 2010 Screening-Level Reviews

| Year of Discharge | Year of Review | Inorganic Chemicals Category | | |
|-------------------|----------------|------------------------------|-----------------------|------------|
| | | TRI TWPE | DMR TWPE ^a | Total TWPE |
| 2002 | 2006 | 186,000 | 107,000 | 293,000 |
| 2004 | 2007 | 123,000 | 316,000 | 439,000 |
| 2005 | 2008 | 92,100 | NA | NA |
| 2007 | 2009 | 54,700 | 394,000 | 449,000 |
| 2008 | 2010 | 71,300 | 228,000 | 299,000 |

Source: *TRIReleases2002_v4*; *PCSLoads2002_v4*; *TRIReleases2004_v3*; *PCSLoads2004_v3*; *TRIReleases2005_v2*; *TRIReleases2007_v2*; *DMRLoads2007_v4*; *TRIReleases2008_v3*; and *DMRLoads2008_v2*.

a – DMR data from 2002 through 2007 only includes major dischargers. 2008 DMR data includes both minor and major dischargers.

NA – Not applicable. EPA did not evaluate DMR data for 2005.

Table 7-5 presents the 2008 DMR TWPE by facility discharge classification. EPA excluded minor dischargers from previous annual reviews, but included them in the 2010 annual review. The majority (61 percent) of the TWPE in the 2008 DMR database is from major dischargers.

Table 7-5. Inorganic Chemicals Category 2008 DMR TWPE by Discharge Classification

| Year of Discharge^a | TWPE from Minor Dischargers | TWPE from Major Dischargers |
|--------------------------------------|------------------------------------|------------------------------------|
| 2008 | 89,000 | 139,000 |

Source: *DMRLoads2008_v2*.

a – Data for previous years of discharge are not included because EPA excluded minor dischargers from previous annual reviews.

7.3 Inorganic Chemicals Category Pollutants of Concern

Table 7-6 compares the five pollutants with the highest TRI TWPE based on results from the 2010, 2009, and 2007 annual reviews (*TRIReleases2008_v3*, *TRIReleases2007_v2*, and *TRIReleases2004_v3*). Table 7-7 lists the five pollutants with the highest TWPE based on results from the 2010, 2009, and 2007 annual reviews (*DMRLoads2008_v2*, *DMRLoads2007_v3*, and *PCSLoads2004_v4*).

Table 7-6. Inorganic Chemicals Category Top TRI Pollutants

| Pollutant | 2004 TRI Data ^a | | | 2007 TRI Data ^a | | | 2008 TRI Data ^a | | |
|---|---|--|----------------|---|--|---------------|---|--|---------------|
| | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE |
| Manganese and Manganese Compounds | 1 | 29 | 67,400 | 1 | 22 | 14,600 | 1 | 26 | 38,200 |
| Mercury and Mercury Compounds | 3 | 13 | 4,390 | 3 | 12 | 6,500 | 2 | 10 | 6,680 |
| Arsenic and Arsenic Compounds | Pollutants not reported in the top five 2004 TRI reported pollutants. | | | 4 | 3 | 5,480 | 3 | 5 | 6,100 |
| Nitrate Compounds | 4 | 48 | 3,970 | 5 | 41 | 3,570 | 4 | 49 | 5,340 |
| Polychlorinated biphenyls (PCBs) | Pollutants not reported in the top five 2004 TRI reported pollutants. | | | Pollutants not reported in the top five 2007 TRI reported pollutants. | | | 5 | 2 | 3,570 |
| Dioxin and Dioxin Like Compounds | 2 | 5 | 25,000 | 2 | 5 | 11,600 | Pollutants not reported in the top five 2008 TRI reported pollutants. | | |
| Hexachlorobenzene | 5 | 4 | 3,600 | Pollutants not reported in the top five 2007 TRI reported pollutants. | | | | | |
| Inorganic Chemicals Category Total | NA | 191 ^b | 123,000 | NA | 142 ^b | 54,700 | NA | 161 ^b | 71,300 |

Source: *TRIReleases2004_v3*, *TRIReleases2007_v2*; and *TRIReleases2008_v3*.

a – Discharges include transfers to POTWs and account for POTW removals.

b – Number of facilities reporting TWPE greater than zero.

NA – Not applicable.

Table 7-7. Inorganic Chemicals Category Top DMR Pollutants

| Pollutant | 2004 DMR Data ^a | | | 2007 DMR Data ^a | | | 2008 DMR Data ^b | | |
|---|---|--|----------------|---|--|----------------|---|--|----------------|
| | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE |
| Aluminum | Pollutants not reported in the top five DMR 2004 reported pollutants. | | | Pollutants not reported in the top five DMR 2007 reported pollutants. | | | 1 | 17 | 55,900 |
| Mercury | Pollutants not reported in the top five DMR 2004 reported pollutants. | | | Pollutants not reported in the top five DMR 2007 reported pollutants. | | | 2 | 14 | 46,500 |
| Copper | 5 | 27 | 29,800 | 5 | 23 | 2,050 | 3 | 40 | 36,900 |
| Sulfide | 1 | 2 | 87,900 | Pollutants not reported in the top five DMR 2007 reported pollutants. | | | 4 | 1 | 9,960 |
| Silver | Pollutants not reported in the top five DMR 2004 reported pollutants. | | | Pollutants not reported in the top five DMR 2007 reported pollutants. | | | 5 | 5 | 9,000 |
| Polychlorinated biphenyls (PCBs) | Pollutants not reported in the top five DMR 2004 reported pollutants. | | | 1 | 1 | 363,000 | Pollutants not reported in the top five DMR 2008 reported pollutants. | | |
| Chlorine | 3 | 10 | 40,500 | 2 | 9 | 10,500 | | | |
| Fluoride | Pollutants not reported in the top five DMR 2004 reported pollutants. | | | 3 | 7 | 4,590 | | | |
| Heptachlor | Pollutants not reported in the top five DMR 2004 reported pollutants. | | | 4 | 1 | 2,140 | | | |
| Iron | 4 | 8 | 29,900 | Pollutants not reported in the top five DMR 2007 reported pollutants. | | | | | |
| Lead | 2 | 14 | 52,400 | Pollutants not reported in the top five DMR 2007 reported pollutants. | | | | | |
| Inorganic Chemicals Category Total | NA | 58 ^c | 316,000 | NA | 51 ^c | 394,000 | NA | 139 ^c | 228,000 |

Source: PCSLoads2004_v4; DMRLoads2007_v3; and DMRLoads2008_v2.

a – 2004 and 2007 DMR data only include major dischargers.

b – 2008 DMR data includes major and minor dischargers.

c – Number of facilities reporting TWPE greater than zero.

NA – Not applicable.

The Inorganic Chemicals Category TWPE in the 2008 TRI database is significantly lower than the 2008 DMR TWPE. Therefore, EPA focused the additional review on the DMR-reported pollutants that account for the majority of the category TWPE.

EPA’s additional review for the 2008 DMR database metals discharges is presented in the following sections. During the review of metals discharges, EPA discovered that the majority of the top pollutants were discharged by the same four facilities in the 2008 DMR database. Table 7-8 presents the top pollutants discharged in the Inorganic Chemicals Category and the corresponding top facility discharger.

Table 7-8. Inorganic Chemicals Category Top Facility Dischargers in the 2008 DMR Database

| Top Pollutant | Facility Name | Pounds of Pollutant Discharged | Pollutant TWPE | Total Facility TWPE | Other Top Pollutants Discharged |
|---------------|-------------------------------|--------------------------------|----------------|---------------------|---------------------------------|
| Aluminum | UOP LLC | 875,000 | 52,500 | 58,200 | None ^a |
| Mercury | AL State Docks – Mud Lakes | 221 | 25,900 | 28,400 | Aluminum |
| | Elementis Chromium LP Castle | 94.4 | 11,100 | 24,000 | Silver |
| Copper | Dow Chemical, Pittsburg Plant | 48,100 | 30,300 | 33,900 | None ^a |

Source: *DMRLoads2008_v2*.

a – These facilities do not have discharges of other top five pollutants with significant discharges (TWPE great than 1,000).

7.4 Inorganic Chemicals Category Top Facility Dischargers in DMR

This subsection provides further detail on the top four facility dischargers in the Inorganic Chemicals Category responsible for the majority of the aluminum, mercury, copper, and silver TWPE. As a result of EPA’s review of discharges from the top facilities in the Inorganic Chemicals Category, the overall category 2008 DMR TWPE decreased by 121,900 TWPE.

7.4.1 *UOP LLC in Chickasaw, AL*

Table 7-9 presents the discharges in the 2008 DMR database for UOP LLC. The majority of the facility TWPE (approximately 90 percent) is from aluminum. Aluminum discharges from UOP LLC account for 23 percent of the DMR TWPE for the Inorganic Chemicals Category.

Table 7-9. UOP LLC 2008 Top Discharges

| Pollutant | Total Pounds | Total TWPE | Percentage of Facility Total TWPE |
|--------------|--------------------|---------------|-----------------------------------|
| Aluminum | 875,000 | 52,500 | 90.2% |
| Iron | 783,000 | 4,380 | 7.5% |
| Zinc | 20,000 | 800 | 1.4% |
| Chloride | 9,230,000 | 225 | 0.4% |
| Nickel | 1,590 | 159 | 0.3% |
| Total | 191,000,000 | 58,200 | 100% |

Source: *DMRLoads2008_v2*.

The majority of the aluminum discharges for UOP LLC are from outfalls 003 and 004. The facility's permit indicates that outfalls 003 and 004 are "storm water runoff from nonprocess areas associated with molecular sieve adsorbents and catalysts manufacture." The permit does include monitoring only requirements for aluminum for outfalls 003 and 004 (ADEM, 2002). Table 7-10 presents the aluminum discharge data for outfalls 003 and 004 in the DMR Loadings Tool for 2008. EPA contacted UOP LLC to verify the aluminum concentrations and flows. UOP LLC verified the aluminum values and units, but indicated that the flows for outfall 003 and 004 had the wrong units (Frain, 2010). Table 7-10 also includes the facility-provided flows. Using the facility-provided flows for outfalls 003 and 004, UOP LLC's aluminum discharges decrease by 46,200 TWPE, while the facility's TWPE decreases from 58,200 TWPE to 7,110 TWPE.

Table 7-10. UOP LLC Outfalls 003 and 004 2008 Monthly Aluminum Discharge Data

| Outfall | Monitoring Period Date | Maximum Concentration (mg/L) | DMR Loadings Tool Flow (MGD) | Facility-Provided Flow (MGD) |
|---------|------------------------|------------------------------|------------------------------|------------------------------|
| 003 | 30-Jun-08 | 10 | 31.86 | 3.186 |
| 003 | 31-Dec-08 | 0.1 | 20.33 | 2.033 |
| 004 | 30-Jun-08 | 9 | 25.52 | 2.552 |
| 004 | 31-Dec-08 | 1.025 | 16.29 | 1.629 |

Source: DMR Loadings Tool and Facility Contact (Frain, 2010).

7.4.2 AL State Docks Mud Lakes in Mobile, AL

Table 7-11 presents the discharges in the 2008 DMR database for AL State Docks Mud Lakes. The majority of the facility TWPE (approximately 91 percent) is from mercury. Mercury discharges from AL State Docks Mud Lakes also account for almost 11 percent of the DMR TWPE for the Inorganic Chemicals Category.

Table 7-11. AL State Docks Mud Lakes 2008 Mercury and Aluminum Discharges

| Pollutant | Total Pounds | Total TWPE | Percentage of Facility Total TWPE |
|--------------|------------------|---------------|-----------------------------------|
| Mercury | 221 | 25,900 | 91.2% |
| Aluminum | 41,600 | 2,500 | 8.8% |
| Total | 9,470,000 | 28,400 | 100% |

Source: *DMRLoads2008_v2*.

AL State Docks Mud Lakes is a dock that serves as a transfer station for bulk cargo that is exported and imported. The dock site was a former aluminum ore tailing lakes operated by the Aluminum Company of America (ALCOA). These lakes are currently used to accumulate and treat aluminum ore tailings leachate prior to discharge to the Mobile River (ADEM, 2006). The facility contact indicated that it is not an industrial manufacturing site (Wright, 2010).

All of the mercury discharges for AL State Docks Mud Lakes are from outfall 001. Outfall 001 is stormwater and groundwater from the aluminum tailings leachate collection system (ADEM, 2006). Table 7-12 presents the mercury discharge data for outfall 001 in the DMR Loadings Tool for 2008. EPA contacted AL State Docks Mud Lakes and the Alabama Department of Environmental Management (ADEM) to verify the mercury quantities. ADEM confirmed the mercury discharges (Brown, 2010).

EPA determined that the discharges from this facility do not meet the applicability of the Inorganic Chemicals Category. Because this facility's discharges are from aluminum ore mining, EPA believes this facility's discharges are applicable to the Nonferrous Metals Manufacturing (40 CFR Part 421). However, because the facility no longer operates as an aluminum ore mine and processing facility, EPA believes the discharges should be permitted using best professional judgment.

Table 7-12. AL State Docks Mud Lakes Outfall 001 2008 Monthly Mercury Discharge Data

| Outfall | Monitoring Period Date | Average Quantity (kg/day) |
|---------|------------------------|---------------------------|
| 001 | 31-Mar-08 | NR |
| 001 | 30-Jun-08 | 0.000635 |
| 001 | 30-Sept-08 | 0.776 |
| 001 | 31-Dec-08 | 0.313 |

Source: DMR Loadings Tool.

NR – Not reported.

7.4.3 *Elementis Chromium LP in Castle Hayne, NC*

Table 7-13 presents the discharges in the 2008 DMR database for Elementis Chromium LP. The majority of the facility TWPE (approximately 79 percent) is from mercury and silver. Mercury and silver discharges from Elementis Chromium LP also account for 8 percent of the DMR TWPE for the Inorganic Chemicals Category.

Table 7-13. Elementis Chromium LP Plant 2008 Top Discharges

| Pollutant | Total Pounds | Total TWPE | Percentage of Facility Total TWPE |
|--------------|------------------|---------------|-----------------------------------|
| Mercury | 94.4 | 11,100 | 46.3% |
| Silver | 471 | 7,760 | 32.3% |
| Selenium | 2,360 | 2,640 | 11.0% |
| Lead | 942 | 2,110 | 8.8% |
| Chloride | 7,980,000 | 194 | 0.8% |
| Total | 8,010,000 | 24,000 | 100% |

Source: *DMRLoads2008_v2*.

All of the mercury discharges for Elementis Chromium LP are from outfall 001. Table 7-14 presents the mercury discharge data for outfall 001 in the DMR Loadings Tool for 2008. EPA contacted Elementis Chromium LP to verify the mercury and silver concentrations and flows. Elementis Chromium LP verified the flows, but indicated that the mercury and silver concentrations were incorrect. The facility contact also indicated that mercury and silver are reported quarterly rather than monthly (Coury, 2010). Table 7-14 also includes the facility-provided concentrations. Using the facility-provided concentrations, Elementis Chromium LP's mercury discharges decrease by 18,800 TWPE, while the facility's TWPE decreases from 24,000 TWPE to 5,190 TWPE.

Table 7-14. Elementis Chromium LP Outfall 001 2008 Monthly Mercury and Silver Discharge Data

| Outfall | Monitoring Period Date | NODI Code ^a | Average Concentration (mg/L) | Facility-Provided Concentration (mg/L) | Average Flow (MGD) |
|----------------|------------------------|------------------------|------------------------------|--|--------------------|
| Mercury | | | | | |
| 001 | 31-Jan-08 | 8 | | NR | 0.659129 |
| 001 | 29-Feb-08 | | 0.0003 | 0.0003 | 0.668433 |
| 001 | 31-Mar-08 | 8 | | NR | 0.6071 |
| 001 | 30-Apr-08 | 8 | | NR | 0.614742 |
| 001 | 31-May-08 | | 0.2 | 0.0002 | 0.707 |
| 001 | 30-Jun-08 | 8 | | NR | 0.589548 |
| 001 | 31-Jul-08 | 8 | | NR | 0.582452 |
| 001 | 31-Aug-08 | | 0 | <0.0002 | 0.58029 |
| 001 | 30-Sept-08 | 8 | | NR | 0.595933 |
| 001 | 31-Oct-08 | 8 | | NR | 0.557667 |
| 001 | 30-Nov-08 | | 0 | <0.0002 | 0.606935 |
| 001 | 31-Dec-08 | 8 | | NR | 0.691677 |

Table 7-14. Elementis Chromium LP Outfall 001 2008 Monthly Mercury and Silver Discharge Data

| Outfall | Monitoring Period Date | NODI Code ^a | Average Concentration (mg/L) | Facility-Provided Concentration (mg/L) | Average Flow (MGD) |
|---------------|------------------------|------------------------|------------------------------|--|--------------------|
| Silver | | | | | |
| 001 | 31-Jan-08 | 8 | | NR | 0.659129 |
| 001 | 29-Feb-08 | | 0 | <0.001 | 0.668433 |
| 001 | 31-Mar-08 | 8 | | NR | 0.6071 |
| 001 | 30-Apr-08 | 8 | | NR | 0.614742 |
| 001 | 31-May-08 | | 1 | <0.001 | 0.707 |
| 001 | 30-Jun-08 | 8 | | NR | 0.589548 |
| 001 | 31-Jul-08 | 8 | | NR | 0.582452 |
| 001 | 31-Aug-08 | | 0 | <0.001 | 0.58029 |
| 001 | 30-Sept-08 | 8 | | NR | 0.595933 |
| 001 | 31-Oct-08 | 8 | | NR | 0.557667 |
| 001 | 30-Nov-08 | | 0 | <0.005 | 0.606935 |
| 001 | 31-Dec-08 | 8 | | NR | 0.691677 |

Source: DMR Loadings Tool and Facility Contact (Cory, 2010).

a – NODI Code 8 is a reporting code for “Other.”

NR – Not reported. The facility contact indicated that mercury and silver were reported quarterly rather than monthly.

7.4.4 Dow Chemical Pittsburg Plant in Pittsburg, OH

Table 7-15 presents the discharges in the 2008 DMR database for Dow Chemical Pittsburg Plant. The majority of the facility TWPE (approximately 89 percent) is from copper. Copper discharges from Dow Chemical Pittsburg Plant account for 13 percent of the DMR TWPE for the Inorganic Chemicals Category.

Table 7-15. Dow Chemical Pittsburg Plant 2008 Top Discharges

| Pollutant | Total Pounds | Total TWPE | Percentage of Facility Total TWPE |
|--------------|------------------|---------------|-----------------------------------|
| Copper | 48,100 | 30,300 | 89.3% |
| Nickel | 28,100 | 2,810 | 8.3% |
| Mercury | 7.11 | 833 | 2.4% |
| Total | 2,060,000 | 33,900 | 100% |

Source: *DMRLoads2008_v2*.

The majority of the copper discharges for Dow Chemical Pittsburg Plant are from outfalls 001, 004, 005, and 006. Table 7-16 presents the copper discharge data for outfalls 001, 004, 005, and 006 in the DMR Loadings Tool for 2008. The facility’s copper discharges are in the DMR Loadings Tool as a quantity (i.e., as kilogram per day (kg/day)). EPA also calculated the monthly average quantity discharge using the average concentration and flow data in the 2008 DMR

Loadings Tool. EPA determined that the reported quantities in the DMR Loadings Tool were incorrect. The discharge quantities calculated using the flow and concentrations are at least 3 orders of magnitude less. Table 7-16 also presents the calculated monitoring period quantities. Table 7-17 presents the revised estimated pounds and TWPE for copper from the Dow Chemical Pittsburg Plant. Using the calculated quantities, Dow Chemical Pittsburg Plant's copper discharges decrease by 23,600 TWPE, while the facility's TWPE decreases from 33,900 TWPE to 10,300 TWPE.

Table 7-16. Dow Chemical Pittsburg Plant 2008 Monthly Copper Discharge Data

| Outfall | Monitoring Period Date | NODI Code ^a | Average Quantity (kg/day) | Average Concentration (mg/L) | Average Flow (MGD) | Calculated Quantity (kg/day) |
|---------|------------------------|------------------------|---------------------------|------------------------------|--------------------|------------------------------|
| 001 | 31-Jan-08 | | 6.4 | 0.0064 | 0.09 | 0.0021 |
| 001 | 29-Feb-08 | | 2.9 | 0.0029 | 0.14 | 0.0015 |
| 001 | 31-Mar-08 | | 6.1 | 0.0061 | 0.2 | 0.0046 |
| 001 | 30-Apr-08 | | 2.4 | 0.0024 | 1.51 | 0.0137 |
| 001 | 31-May-08 | | 8.7 | 0.0087 | 0.18 | 0.0059 |
| 001 | 30-Jun-08 | | 5.4 | 0.0054 | 0.18 | 0.0036 |
| | | | | | | |
| 004 | 31-Jan-08 | | 15 | 0.015 | 2.92 | 0.1655 |
| 004 | 29-Feb-08 | | 11 | 0.011 | 0.36 | 0.0151 |
| 004 | 31-Mar-08 | C | | | | |
| 004 | 30-Apr-08 | C | | | | |
| 004 | 31-May-08 | C | | | | |
| 004 | 30-Jun-08 | C | | | | |
| | | | | | | |
| 005 | 30-Jun-08 | | 7.6 | 0.0076 | 97.2 | 2.79 |
| | | | | | | |
| 006 | 30-Jun-08 | | 43 | 0.043 | 64.3 | 10.46 |

Source: DMR Loadings Tool.

a – NODI Code C means no discharge occurred for that monitoring period.

Table 7-17. Dow Chemical Pittsburg Plant's 2008 Copper Discharges

| Outfall | Old Copper Total Pounds | Old Copper TWPE | Revised Copper Total Pounds | Revised Copper TWPE | Reduction in TWPE |
|--------------|-------------------------|-----------------|-----------------------------|---------------------|-------------------|
| 001 | 4,290 | 2,700 | 4.21 | 2.7 | 2,700 |
| 004 | 3,400 | 2,150 | 24.5 | 15.4 | 2,130 |
| 005 | 6,070 | 3,820 | 2,230 | 1,410 | 2,420 |
| 006 | 34,300 | 21,600 | 8,350 | 5,260 | 16,400 |
| Total | 48,000 | 30,300 | 10,600 | 6,690 | 23,600 |

Source: *DMRLoads2008_v2* and Inorganic Chemicals Category (40 CFR Part 415) Facility Review Calculations (ERG, 2010).

7.5 Inorganic Chemicals Category Conclusions

The estimated toxicity of the Inorganic Chemicals Category discharges resulted from discharges of metals. Data collected for the 2010 annual review demonstrated that wastewater discharge characteristics for this category are consistent with discharges from prior years. As in prior years, EPA makes the following conclusions:

- There were flow units errors for discharges from the UOP LLC facility in Chickasaw, AL. These discharges accounted for the majority of the Inorganic Chemicals Category aluminum TWPE in the 2008 DMR database. Correcting the flow units decreases the 2008 facility TWPE by 51,100 TWPE.
- AL State Docks Mud Lakes facility in Mobile, AL was incorrectly classified in the Inorganic Chemicals Category. This facility should be classified in the Nonferrous Metals Manufacturing Category (40 CFR Part 421). Excluding this facility from the Inorganic Chemicals Category decreases the category's 2008 TWPE by 28,400 TWPE. EPA also determined that best professional judgment (BPJ) permitting was most appropriate for this facility's discharges.
- The mercury and silver concentrations for Elementis Chromium LP's facility in Castle Hayne, NC had unit errors and were missing below detection limit indicators. Correcting the concentrations decreases the 2008 facility TWPE by 18,800 TWPE.
- The reported copper quantities for Dow Chemical Pittsburg Plant's facility in Pittsburg, CA were significantly higher than the quantities calculated using the reported concentrations and flows in 2008 DMR Loadings Tool. Using the calculated quantities decreases the 2008 facility TWPE by 23,600 TWPE.
- Correcting the database errors identified during the 2010 annual review decreases the 2008 Inorganic Chemicals Category TWPE from 299,000 TWPE to 177,000 TWPE. The Inorganic Chemicals Category continues to rank high because a high number of facilities (approximately 450) in the industry have data in the screening-level databases.¹³ EPA will continue to monitor the Inorganic Chemicals Category discharges to determine if they are properly controlled.

EPA prioritizes point source categories with existing regulations for potential revision based on the greatest estimated toxicity to human health and the environment, measured as TWPE. Based on the above conclusions, EPA is assigning this category with a lower priority for revision (i.e., this category is marked with "(3)" in the "Findings" column in Table V-1 in the Federal Register notice that presents the 2010 annual review of existing ELGs).

¹³ For the Inorganic Chemicals Manufacturing Point Source Category, *TRIRelases2008* contains data from 413 facilities, and *DMRLoads2008* contains data from 452 facilities.

7.6 Inorganic Chemicals Category References

1. ADEM. 2002. Alabama Department of Environmental Management. National Pollutant Discharge Elimination System Permit NPDES – AL0002666 – for UOP LLC Mobile Plant. Montgomery, AL. (December 23). EPA-HQ-OW-2008-0517 DCN 07271.
2. ADEM. 2006. Alabama Department of Environmental Management. National Pollutant Discharge Elimination System Permit NPDES – AL0002976 – for Alabama State Port Authority Mud Lakes. Mobile, AL. (October 24). EPA-HQ-OW-2008-0517 DCN 07272.
3. Brown, Donald. 2010. Telephone and E-mail communication with Donald Brown, Alabama Department of Environmental Management, and Elizabeth Sabol, Eastern Research Group, Inc. “Re: Mercury Discharges Reported to DMR in 2008 for AL State Docks – Mud Lakes.” (August 31). EPA-HQ-OW-2008-0517 DCN 07306.
4. Coury, Sean. 2010. Telephone conversation with Sean Coury, Elementis Chromium, and Elizabeth Sabol, Eastern Research Group, Inc. “Re: Mercury and Silver Discharges Reported to DMR in 2008.” (June 29). EPA-HQ-OW-2008-0517 DCN 07273.
5. ERG. 2010. Eastern Research Group, Inc. Inorganic Chemicals Category (40 CFR Part 415) Facility Review Calculations. (July 2). EPA-HQ-OW-2008-0517 DCN 07274.
6. Frain, Rick. 2010. Telephone conversation with Rick Frain, UOP LLC and Elizabeth Sabol, Eastern Research Group, Inc. “Re: Aluminum Discharges Reported to DMR in 2008.” (June 29). EPA-HQ-OW-2008-0517 DCN 07275.
7. U.S. Census. 2002. U.S. Economic Census. Available online at: <http://www.census.gov/econ/census02>.
8. U.S. EPA. 2004. *Technical Support Document for the 2004 Effluent Guidelines Program Plan*. EPA-821-R-04-014. Washington, DC. (August). EPA-HQ-OW-2003-0074-1346 through 1352.
9. U.S. EPA. 2005. *Preliminary 2005 Review of Prioritized Categories of Industrial Dischargers*. EPA-821-B-05-004. Washington, DC. (August). EPA-HQ-OW-2004-0032-0016.
10. U.S. EPA. 2006. *Technical Support Document for the 2006 Effluent Guidelines Program Plan*. EPA-821R-06-018. Washington, DC. (December). EPA-HQ-OW-2004-0032-2782.
11. U.S. EPA. 2007. *Technical Support Document for the Preliminary 2008 Effluent Guidelines Program Plan*. EPA-821-R-07-007. Washington, DC. (October). EPA-HQ-OW-2006-0771-0819.
12. U.S. EPA. 2009. *Technical Support Document for the Preliminary 2010 Effluent Guidelines Program Plan*. EPA-821-R-09-006. Washington, DC. (October). EPA-HQ-OW-2008-0517-0515.

13. Wright, Cliff. 2010. Telephone and E-mail communication with Cliff Wright, AL State Docks – Mud Lakes and Elizabeth Sabol, Eastern Research Group, Inc. “Re: Mercury Discharges Reported to DMR in 2008.” (June 29). EPA-HQ-OW-2008-0517 DCN 07276.

8. LANDFILLS (40 CFR PART 445)

EPA selected the Landfills Category (40 CFR Part 445) for preliminary review because it ranks high, in terms of toxic-weighted pound equivalent (TWPE), in point source category rankings (see Table 5-3 for the point source category rankings). EPA has not previously reviewed the Landfills Category. This section summarizes the results of the 2010 annual review associated with the Landfills Category. EPA focused on metal discharges, because of their high TWPE compared to other pollutants in the category.

8.1 Landfills Category Background

This subsection provides background on the Landfills Category including a brief profile of the landfills industry and background on 40 CFR Part 445.

8.1.1 *Landfills Industry Profile*

The landfills industry includes facilities that are operate waste (hazardous and non-hazardous) treatment or disposal facilities or perform the collecting and/or hauling of waste materials within a local area, combined with the operation of waste treatment or disposal facilities. The landfills can either be commercial or municipal. EPA considered the following four North American Industry Classification System (NAICS) codes as part of the Landfills Category:

- 562211: Hazardous Waste Treatment and Disposal;
- 562212: Solid Waste Landfill;
- 562219: Other Nonhazardous Waste Treatment and Disposal; and
- LNDFFL: Landfills.

Wastewater generated by facilities in the NAICS codes 562211, 562212, and 562219 may be regulated under the Landfills Category, Centralized Waste Treatment (CWT) Category (40 CFR Part 437), and the Waste Combustor Category (40 CFR Part 444). EPA reviewed available information about pollutant loads and operations for facilities reporting these NAICS codes. EPA was able to assign the “LNDFFL” NAICS code for facilities that most likely fall under the applicability of Part 445, Landfills Effluent Limitation Guidelines and Standards (ELGs). EPA was not able to determine which point source category applied to the other facilities in NAICS codes 562211, 562212, and 562219. The discharges from these facilities that were not assigned the “LNDFFL” NAICS code are counted in all three point source categories in the 2008 discharge monitoring report (DMR) and Toxics Release Inventory (TRI) databases.

Because Permit Compliance System (PCS) and Integrated Compliance Information System – National Pollutant Discharge Elimination System (ICIS-NPDES) data systems, the sources of the DMR data used to develop *DMRLoads2008*, report facilities by Standard Industrial Classification (SIC) codes, and the U.S. Economic Census and TRI report data by NAICS code, EPA reclassified the 2008 DMR data by the equivalent NAICS code. Table 8-1 lists the number of facilities from the U.S. Economic Census and the screening-level databases for the seven NAICS codes with operations in the Inorganic Chemicals Category the corresponding SIC codes are included for reference. The U.S. Economic Census includes more facilities than the screening-level databases because of many possible factors including not meeting TRI-reporting thresholds, discharging to a publicly owned treatment works (POTW),

and because some of those in the U.S. Economic Census are distributors or sales facilities, not manufacturers.

Table 8-1. Number of Landfills

| NAICS Code | Corresponding SIC Code | Number of Facilities | | |
|---|--|---------------------------|--------------------------------|--------------------------------|
| | | 2002 U.S. Economic Census | 2008 DMR Database ^a | 2008 TRI Database ^b |
| 562211: Hazardous Waste Treatment and Disposal | 4953: Refuse Systems; 4953L: Refuse Systems (Landfills) | 701 | 1,295 | 53 |
| 562212: Solid Waste Landfill | | 1,507 | | 1 |
| 562219: Other Nonhazardous Waste Treatment and Disposal | | 199 | | 5 |
| LNDFLL: Landfills | | NA | | 8 |
| Total | | >2,407 | 1,295 | 67 |

Source: U.S. Economic Census, 2002 (U.S. Census, 2002); *DMRLoads2008_v2*; and *TRIRelases2008_v3*.

a – Major and minor dischargers. Also, DMR data are reported by SIC code; therefore EPA used an NAICS-to-SIC-code crosswalk for comparison purposes.

b – Releases to any media.

NA – Not applicable.

Table 8-2 shows whether permitting authorities designated direct discharges as minor or major (see Section 4.1.5) for facilities in the Landfills Category. EPA included data for minor discharges for the first time in the 2010 annual review, as part of *DMRLoads2008_v2* database. EPA does not require permitting authorities to submit DMR data for minor dischargers; however, many states do provide complete DMR data for them. From this year's review, EPA observed many data entry or other errors for minor dischargers in addition to those previously identified for major dischargers, as discussed in Section 4.3. Table 6-2 shows that approximately 99 percent of the Landfills Category dischargers in the 2008 DMR database are minor dischargers.

Table 8-2. Number of Landfills by Discharge Classification in 2008 DMR Database

| NAICS Code ^a | Number of Facilities in 2008 DMR Database | | |
|---|---|-------------------|-----------------|
| | Major Dischargers | Minor Dischargers | All Dischargers |
| 562211: Hazardous Waste Treatment and Disposal | 11 | 1,284 | 1,295 |
| 562212: Solid Waste Landfill | | | |
| 562219: Other Nonhazardous Waste Treatment and Disposal | | | |
| LNDFLL: Landfills | | | |
| Total | 11 | 1,284 | 1,295 |

Source: *DMRLoads2008_v2*.

a – DMR data is reported by SIC code; therefore EPA used an NAICS to SIC crosswalk for comparison purposes.

Table 8-3 presents the number of landfills included in the DMR databases and whether discharge data (e.g., pollutant concentrations, flow rates, etc.) were included for reporting years 2004, 2007, and 2008. The table shows a large increase in the number of landfills with discharge

data from 2004 and 2007 to 2008 in the DMR database, due to the addition of minors. However, there are still almost 70 percent of landfills without discharge data in the 2008 DMR database.

Table 8-3. Number of Landfills in the DMR Database for Reporting Years 2004, 2007, and 2008

| Discharge Status | 2004^a | 2007^a | 2008^a |
|---|-------------------------|-------------------------|-------------------------|
| With Water Discharge Data ^b | 18 | 8 | 383 |
| Without Water Discharge Data ^c | 287 | 1,070 | 912 |
| Total | 305 | 1,078 | 1,295 |

Source: *PCSLoads2004_v3*; *DMRLoads2007_v4*; and *DMRLoads2008_v2*.

a – Major and minor dischargers.

b – Includes facilities with DMR data in the DMR databases.

c – Includes facilities with NPDES permits without DMR data in the DMR databases.

Table 8-4 presents the type of discharges reported by facilities in the 2008 TRI database. The majority of landfills reporting to TRI do not report water discharges. However, there is an even distribution of direct and indirect dischargers for those that do report water discharges.

Table 8-4. Number of Landfills by Discharge Type in 2008 TRI Database

| NAICS Code | Number of Facilities in 2008 TRI Database | | | |
|---|--|----------------------------------|---|----------------------------|
| | Direct Dischargers Only | Indirect Dischargers Only | Both Indirect and Direct Dischargers | No Water Discharges |
| 562211: Hazardous Waste Treatment and Disposal | 4 | 4 | 1 | 44 |
| 562212: Solid Waste Landfill | 0 | 0 | 1 | 0 |
| 562219: Other Nonhazardous Waste Treatment and Disposal | 2 | 0 | 0 | 3 |
| LNDFLL: Landfills | 1 | 3 | 2 | 2 |
| Total | 7 | 7 | 4 | 49 |

Source: *TRIRelases2008_v3*.

8.1.2 40 CFR Part 445

EPA promulgated ELGs for the Landfills Category (40 CFR Part 445) on January 19, 2000 (65 FRN 3007). The Landfills ELGs are applicable to wastewater discharges to surface water¹⁴ from landfill units, excluding wastewater discharges from the following units:

- Land application or land treatment units;
- Surface impoundments;
- Underground injection wells;
- Waste piles;
- Salt dome formations;

¹⁴ 40 CFR Part 445 does not set limits for discharges to POTWs (i.e., indirect dischargers).

- Salt bed formations;
- Underground mines/caves;
- Wastewater generated offsite;
- Discharges of contaminated ground water or wastewater from recovery pumping wells;
- Landfills operated in conjunction with other industrial or commercial operations when the landfill receives facility generated wastes; and
- Landfills in conjunction CWTs.

There are two subcategories in the Landfills Category: Resource Conservation and Recovery Act (RCRA) Subtitle C Hazardous Waste (Subpart A) and RCRA Subtitle D Nonhazardous Waste (Subpart B). RCRA Subtitle C Hazardous Waste landfills are authorized by RCRA to accept hazardous waste (see 40 CFR Part 421). These landfills are required to maintain a leachate collection and removal system during the active and postclosure period of the landfill (U.S. EPA, 2000). RCRA Subtitle D NonHazardous Waste landfills can receive municipal refuse, ash, sludge, construction and demolition debris, and nonhazardous industrial waste. Prior to 1980 when RCRA was enacted, the older Subtitle D landfills may have received waste that was later classified as hazardous (U.S. EPA, 2000). Table 8-5 presents the regulated pollutants and limits for direct dischargers in the two subparts. For RCRA Subtitle C hazardous waste landfills, EPA developed the limits based on a treatment system consisting of equalization, chemical precipitation, biological treatment, and multimedia filtration. For RCRA Subtitle D nonhazardous waste landfills, EPA developed the limits based on a treatment system consisting of equalization, biological treatment, and multimedia filtration (U.S. EPA, 2000).

Table 8-5. Regulated Pollutants and Limits for the Landfills Category (40 CFR Part 445)

| Regulated Pollutant | RCRA Subtitle C Hazardous Waste Landfill BAT (Subpart A) | | RCRA Subtitle D Nonhazardous Waste Landfill BAT (Subpart B) | |
|---------------------|--|------------------------|---|------------------------|
| | Daily Maximum (mg/L) | Monthly Average (mg/L) | Daily Maximum (mg/L) | Monthly Average (mg/L) |
| BOD ₅ | 220 | 56 | 140 | 37 |
| TSS | 88 | 27 | 88 | 27 |
| Ammonia (as N) | 10 | 4.9 | 10 | 4.9 |
| α -Terpineol | 0.042 | 0.019 | 0.033 | 0.016 |
| Aniline | 0.024 | 0.015 | NA | NA |
| Benzoic acid | 0.119 | 0.073 | 0.12 | 0.071 |
| Naphthalene | 0.059 | 0.022 | NA | NA |
| <i>p</i> -Cresol | 0.024 | 0.015 | 0.025 | 0.014 |
| Phenol | 0.048 | 0.029 | 0.026 | 0.015 |
| Pyridine | 0.072 | 0.025 | NA | NA |
| Arsenic | 1.1 | 0.54 | NA | NA |
| Chromium | 1.1 | 0.46 | NA | NA |
| Zinc | 0.535 | 0.296 | 0.2 | 0.11 |
| pH | Within the range 6 to 9 | | Within the range 6 to 9 | |

Source: 40 CFR Part 445.

NA – Not applicable. Subpart B – RCRA Subtitle D Nonhazardous Waste Landfill does not regulate these pollutants.

8.2 Landfills Category 2010 Screening-Level Review

Table 8-6 compares the screening-level results for the Landfills Category from the 2009 and 2010 annual reviews that represented the 2007 and 2008 DMR and TRI databases, respectively. The combined DMR and TRI TWPE increased from discharge years 2007 to 2008. The 2008 DMR TWPE accounts for approximately 99 percent of the total 2008 category TWPE, similar to the previous year.

Table 8-6. Landfills Category TRI and DMR Discharges for the 2009 and 2010 Screening-Level Reviews

| Year of Discharge | Year of Review | Landfills Category | | |
|-------------------|----------------|-----------------------|-----------------------|------------|
| | | TRI TWPE ^b | DMR TWPE ^a | Total TWPE |
| 2007 | 2009 | 83 | 15,300 | 15,400 |
| 2008 | 2010 | 781 | 191,000 | 192,000 |

Source: *TRIReleases2008_v3* and *DMRLoads2008_v2*.

Note: EPA did not previously review the Landfills Category; therefore, the 2007 discharge data is only shown for comparison to 2008.

a – DMR data from 2007 include only major dischargers. DMR 2008 data include both minor and major dischargers.

b – Discharges include transfers to POTWs and account for POTW removals.

Table 8-7 presents the 2008 DMR TWPE by facility discharge classification. EPA excluded minor dischargers from previous annual reviews, but included them in the 2010 annual review. The majority (99 percent) of the TWPE in the 2008 DMR database results from minor dischargers.

Table 8-7. Landfills Category 2008 DMR TWPE by Discharge Classification

| Year of Discharge ^a | TWPE from Minor Dischargers | TWPE from Major Dischargers |
|--------------------------------|-----------------------------|-----------------------------|
| 2008 | 190,000 | 1,260 |

Source: *DMRLoads2008_v2*.

a – Data for previous years of discharge are not included because EPA excluded minor dischargers from previous annual reviews.

8.3 Landfills Pollutants of Concern

Table 8-8 lists the five pollutants with the highest TWPE in *TRIReleases2008_v3*, while Table 8-9 lists the five pollutants with the highest TWPE in *DMRLoads2008_v2*.

Table 8-8. Landfills Category Top TRI Pollutants in 2008 ^a

| Pollutant | Rank | Number of Facilities Reporting Pollutant | TWPE |
|---------------------------------|-----------|--|------------|
| Copper and Copper Compounds | 1 | 5 | 127 |
| Tetrachloroethylene | 2 | 3 | 55 |
| Arsenic and Arsenic Compounds | 3 | 1 | 37 |
| Lead and Lead Compounds | 4 | 4 | 36 |
| Cadmium and Cadmium Compounds | 5 | 2 | 14 |
| Landfills Category Total | NA | 18 ^b | 781 |

Source: *TRIRelases2008_v3*.

a – Discharges include transfers to POTWs and account for POTW removals.

b – Number of facilities reporting TWPE greater than zero.

Table 8-9. Landfills Category Top DMR Pollutants in 2008 ^a

| Pollutant | Rank | Number of Facilities Reporting Pollutant | TWPE |
|---------------------------------|-----------|--|----------------|
| Vanadium | 1 | 11 | 45,400 |
| Iron | 2 | 146 | 31,300 |
| Manganese | 3 | 55 | 15,700 |
| Arsenic | 4 | 47 | 15,100 |
| Calcium | 5 | 18 | 10,900 |
| Landfills Category Total | NA | 232 ^b | 191,000 |

Source: *DMRLoads2008_v2*.

a – 2008 DMR data includes major and minor dischargers.

b – Number of facilities reporting TWPE greater than zero.

The Landfills Category TWPE in the 2008 TRI database is significantly lower than the 2008 DMR TWPE. Therefore, EPA focused the additional review of the Landfills Category on the DMR-reported pollutants that account for the majority of the category TWPE.

The top four DMR-reported pollutants in 2008 are metals. Of the top four metals, the Landfill ELG regulates only arsenic from hazardous waste landfills (Subpart A). The remaining top metals are not regulated by the Landfill ELG. EPA's additional review of the top metals is presented in the following section.

8.4 Landfills Category Facility-Specific DMR Review

During the 2010 annual review of the Landfills Category, EPA identified several data entry or conversion errors in the underlying DMR data used to develop the 2008 DMR database. These errors inaccurately increased the top pollutants TWPE. All of the errors identified during the facility review were for minor dischargers, which compose the majority of facilities reporting discharges in the Landfills Category. Table 8-10 presents the data entry errors identified by EPA along with the corrected facility TWPE. EPA also identified one facility, American Electric Power in Ohio, that was incorrectly categorized in the Landfills Category. EPA determined that this facility only receives waste from American Electric Power's flue gas desulfurization, gypsum, fly and bottom ash, and purge stream solids (Ohio EPA, 2009). Therefore, this facility

should be included in Steam Electric Power Generating Category (40 CFR Part 423) rather than Part 445 because Part 445 excludes “landfills operated in conjunction with other industrial or commercial operations when the landfill only receives waste generated by the industrial or commercial operation directly associated with the landfill” (see 40 CFR Part 445.1(e)).

Table 8-11 presents the revised top pollutant TWPE using the corrected data. Note: these corrections are not included in *DMRLoads2008_v2*. EPA will incorporate these corrections into future versions of the 2008 DMR database.

Table 8-10. Data Errors Identified in the Landfills Category in 2008 DMR Database

| Facility Name | Facility Location | Major or Minor Facility | Pollutants with Identified Errors | Original Pollutant TWPE | Original Facility Total TWPE | Error(s) Identified | Corrected Facility TWPE | Percent Reduction of Facility TWPE |
|-------------------------------|-------------------|-------------------------|-----------------------------------|-------------------------|------------------------------|---|-------------------------|------------------------------------|
| Springfield Sanitary Landfill | Willard, MO | Minor | Vanadium | 45,100 | 46,600 | Facility contact confirmed vanadium concentrations were all reported in µg/l, not mg/L. Facility contact also confirmed six discharges that were missing the nondetect indicator (i.e. "<"). (Gatlin, 2010) | 1,560 | 97% |
| Advantage Metals Recycling | Kansas City, MO | Minor | All ^a | 20,300 | 20,300 | Facility contact confirmed a data entry error (i.e., incorrect value and decimal location) for the cadmium concentration for September 2008. Facility contact also identified data entry errors (i.e., incorrect decimal location) for all the flows for outfalls 001 and 003. (Palmer, 2010) | 240 | 99% |
| Onyx Maple Hill Landfill | Macon, MO | Minor | Magnesium, Manganese, Fluoride | 20,100 ^b | 20,300 | Facility contact confirmed magnesium, manganese, and fluoride concentrations were all reported in µg/L, not mg/L, for outfalls 001 and 004. (Tipton, 2010) | 175 | 99% |
| Ashtabula River | OH | Minor | Arsenic | 13,100 | 16,700 | Review of on-line Envirofacts ¹⁵ confirmed incorrect values for arsenic quantities. | 3,660 | 78% |

Sources: Facility contacts (Gatlin, 2010; Palmer, 2010; and Tipton, 2010).

a – EPA identified a flow-unit error that affected all pollutants for outfalls 001, 002, and 003.

b – Pollutant TWPE is the sum of magnesium, manganese, and fluoride TWPE for outfalls 001 and 004.

¹⁵ EPA uses the data in Envirofacts as a source while reviewing the DMR Loadings Tool data because Envirofacts continually accepts and updates corrections submitted by facilities and states. The DMR Loadings Tool is not continuously updated; therefore, loads may be estimated with erroneous data.

Table 8-11. Corrected TWPE for Top Pollutants in the Landfills Category in 2008 DMR Database

| Pollutant | 2008 DMR TWPE | Corrected 2008 DMR TWPE |
|---------------------------------|----------------|-------------------------|
| Vanadium | 45,400 | 300 |
| Iron | 31,300 | 29,900 |
| Manganese | 15,700 | 4,240 |
| Arsenic | 15,100 | 2,060 |
| Calcium | 10,900 | 100 ^a |
| Landfills Category Total | 191,000 | 97,000 |

a – The majority, approximately 99 percent, of the calcium discharges in the Landfills Category was from American Electric Power Landfills, which EPA determined was incorrectly classified as the Landfills Category (Ohio EPA, 2010).

After the errors identified in Table 8-10 were corrected, EPA determined that vanadium, manganese, arsenic, and calcium were no longer pollutants of concern. Therefore, EPA did not include these pollutants in any further review of the Landfills Category. EPA identified that iron is consistently reported as discharged and is a top pollutant that is not regulated by the Landfill ELGs. EPA’s review of iron is presented in the following subsection.

8.5 Landfills Category Iron Discharges in DMR

As part of the 2010 annual review of the Landfills Category, EPA reviewed iron discharges in the 2008 DMR database. Iron is not regulated by the Landfill ELGs. The *Development Document for Final Effluent Limitations Guidelines and Standards for the Landfills Point Source Category* (January 2000) indicates that “EPA excluded pollutants that are naturally occurring compounds in soil or ground water at landfill facilities or pollutants that are used as treatment chemicals in this industry...” This included iron, along with other pollutants (U.S. EPA, 2000).

EPA compared the iron concentrations from landfill discharges to treatable levels typical of chemical precipitation and biological treatment. In order to compare the iron concentrations to treatment level, EPA determined that there were 3,404 iron concentrations in 2008 DMR Loadings Tool for facilities in the Landfills Category. EPA removed 0 mg/L concentrations and concentrations reported below the detection limit (BDL) for all reporting periods, resulting in 1,286 iron concentrations for the analysis. Because facilities report multiple concentrations for each monitoring period, EPA prioritized the selection of the average concentration and then the maximum (ERG, 2010).

Then, EPA compared the iron concentrations to the EPA Method 200.7 method detection limit (MDL) for iron to determine if the concentrations were at detectable levels. EPA excluded the 58 iron concentrations (approximately 2 percent) that were below MDL. EPA calculated the resulting median, average, and maximum of the remaining iron concentrations. EPA analyzed the median concentration rather than the average or maximum because of suspected data entry errors that would skew the average and maximum iron concentrations (ERG, 2010).

EPA then compared the median iron concentration to available chemical precipitation and biological treatability data. EPA chose these specific wastewater treatment technologies

because they were the technologies used to determine the best available technology (BAT) basis used to develop limits for the RCRA Subtitle C Hazardous Waste Landfills. EPA used treatability data for chemical precipitation and biological treatment already established during previous annual reviews¹⁶ (U.S. EPA, 2009).

Table 8-12 presents the median iron concentration compared to the EPA Method 200.7 MDL and compared to treatability concentrations for chemical precipitation and biological treatment. Table 8-12 shows that the median iron concentration in landfill discharges is below the maximum concentrations achievable by chemical precipitation and biological treatment.

¹⁶ As part of the Steam Electric Power Generating Point Source Category Detailed Study, EPA collected treatability data for chemical precipitation and biological treatment systems. Iron was included in the treatability data (U.S. EPA, 2009).

Table 8-12. Iron Concentrations in the 2008 DMR Database Compared to Treatability Concentrations

| Pollutant | Number of Facilities Reporting Pollutant^a | EPA 200.7 MDL (mg/L) | Chemical Precipitation Treatment Concentration Range (mg/L) | Biological Treatment Concentration Range (mg/L) | Median Concentration (mg/L) | Percent of Concentrations above Chemical Precipitation Range | Percent of Concentrations above Biological Treatment Range |
|------------------|---|-----------------------------|--|--|------------------------------------|---|---|
| Iron | 146 | 0.03 | 0.019 – 6 | ND (0.0022) – 23 | 1.21 | 11% | 2% |

Source: DMR Loadings Tool; *Method 200.7 Determination of Metals and Trace Elements in Water and Wastes by Inductively Couple Plasma-Atomic Emission Spectrometry* (U.S. EPA, 1994); and *2009 Steam Electric Power Generating Point Source Category: Final Detailed Study Report* (U.S. EPA, 2009).

a – Number of facilities reporting iron concentrations after EPA excluded outfalls with all nondetect concentrations and concentrations reported as 0 mg/L.

MDL – Method detection limit.

ND –Nondetect. Detection limit indicated in ().

The median iron concentration for all outfalls is less than the biological treatment or chemical precipitation treatability concentrations. Approximately 89 percent of the iron concentrations are below the chemical precipitation treatability (below 6 mg/L) and 98 percent are below the biological treatment treatability (below 23 mg/L). The remaining iron concentrations above the chemical precipitation treatment range are reported by a total of 24 facilities, seven of which are also above the biological treatment range.

EPA determined that approximately 80 percent of the facilities reporting iron concentrations above treatable levels are located in Missouri and Kentucky. Because the majority of the landfills are minor discharges and EPA has not previously reviewed their data, EPA believes that there may be data quality issues (e.g., incorrect units) with the high iron concentrations. Additionally, the majority of the facilities have iron concentrations below treatable levels. Therefore, EPA does not believe that revising the Landfill ELGs to include iron limits is appropriate.

8.6 Landfills Category Conclusions

The estimated toxicity of the Landfills Category discharges results mainly from the discharges of metals. During the 2010 annual review, EPA identified many data entry errors in the Landfill Category DMR data, because they are predominately minor discharges. Based on corrected discharge data, further review at this time is unnecessary. Therefore, EPA concludes the following:

- Database errors were identified for vanadium, manganese, arsenic, and iron. Additionally, one facility, American Electric Power, was incorrectly categorized in the Landfills Category when it should be included in the Steam Electric Power Generating Category (40 CFR Part 423). Making these corrections decreases the Landfills Category TWPE by over 49 percent, from 191,000 TWPE to 97,000 TWPE.
- Eighty-nine percent of iron concentrations in the 2008 DMR database are within treatability concentration ranges. Twenty-one of the 24 facilities with iron concentrations in the 2008 DMR database that exceed treatability concentrations are located in Missouri and Kentucky. Iron is not regulated by the Landfill ELGs. There are possible quality issues with the iron concentration data in the Landfills Category. EPA will continue monitoring iron concentrations from landfills as part of future annual reviews. Based on these data, EPA cannot conclude that an effluent guideline revision is necessary at this time; however, EPA will collect additional data for consideration during the 2011 annual review.

EPA prioritizes point source categories with existing regulations for potential revision based on the greatest estimated toxicity to human health and the environment, measured as TWPE. Based on the above conclusions, EPA is assigning this category with a lower priority for revision (i.e., this category is marked with “(5)” in the “Findings” column in Table V-1 in the Federal Register notice that presents the 2010 annual review of existing effluent guidelines and pretreatment standards).

8.7 Landfills Category References

1. ERG. 2010 Eastern Research Group, Inc. Memorandum to William Swietlik, U.S. EPA EPA, from Jessica Wolford and Elizabeth Sabol, Eastern Research Group, Inc. RE: Methodology for Analyzing Landfill Iron Concentrations in the 2008 DMR Loadings Tool. (October). EPA-HQ-OW-2008-0517 DCN 07277.
2. Gatlin, Jacquelin. 2010. E-mail communication between Jacquelin Gatlin, Missouri Department of Natural Resources, and Eleanor Codding, Eastern Research Group, Inc. “RE: OR 15133 DMRs for Springfield Sanitary Landfill.” (June 24). EPA-HQ-OW-2008-0517 DCN 07278.
3. Ohio EPA. 2009. Ohio Environmental Protection Agency. Authorization to Discharge under National Pollutant Discharge Elimination System Permit OH0076627 – Columbus Southern Power Company, Conesville, OH. Ohio EPA Location. (December). EPA-HQ-OW-2008-0517 DCN 07279.
4. Palmer, Adria. 2010. E-mail communication between Adria Palmer, Missouri Department of Natural Resources, and Eleanor Codding, Eastern Research Group, Inc. “Confirming DMR Data for Advantage Metals Recycling Facility (MO0115801).” (June 28). EPA-HQ-OW-2008-0517 DCN 07280.
5. Tipton, Lantz. 2010. E-mail communication between Lantz Tipton, Missouri Department of Natural Resources, and Elizabeth Sabol, Eastern Research Group, Inc. “DMRs Clarification Needed for Onyx Maple Hill Landfill.” (June 30). EPA-HQ-OW-2008-0517 DCN 07281.
6. U.S. EPA. 1994. *Method 200.7 Determination of Metals and Trace Elements in Water and Wastes by Inductively Couple Plasma-Atomic Emission Spectrometry Revision 4.4*. Washington, DC. (Unknown). Available online at: http://www.epa.gov/waterscience/methods/method/files/200_7.pdf.
7. U.S. EPA. 2000. *Development Document for Final Effluent Limitations Guidelines and Standards for the Landfills Point Source Category*. EPA-821-R-99-019. Washington, DC. (January). Available online at: <http://www.epa.gov/waterscience/guide/landfills/final/index.html>.
8. U.S. EPA. 2009. *Steam Electric Power Generating Point Source Category: Final Detailed Study Report*. EPA-821-R-008. Washington, DC. (October). EPA-HQ-OW-2008-0517-0413.

9. MINERAL MINING AND PROCESSING (40 CFR PART 436)

EPA selected the Mineral Mining and Processing (Mineral Mining) Category for preliminary review because it continues to rank high, in terms of toxic-weighted pound equivalent (TWPE), in point source category rankings (see Table 5-3 for the point source category rankings). This industry was reviewed previously in EPA's Final 2004 Effluent Guidelines Program Plans (U.S. EPA, 2004). This section summarizes the 2010 annual review associated with the Mineral Mining Category. EPA focused on discharges of sulfide, fluoride, and ammonia as nitrogen, because of their high TWPE relative to other pollutants in the Mineral Mining Category.

9.1 Mineral Mining Category Background

This subsection provides the background on the Mineral Mining Category including a brief industry profile of the mineral mining and processing industry and background on 40 CFR Part 436.

9.1.1 *Mineral Mining Industry Profile*

The Mineral Mining Category includes facilities that mine and process non-metallic minerals and discharge wastewater. EPA considered the following 28 North American Industry Classification System (NAICS) codes as part of the Mineral Mining Category:

- 212311: Dimension Stone Mining and Quarrying;
- 212312: Crushed and Broken Limestone Mining and Quarrying;
- 212313: Crushed and Broken Granite Mining and Quarrying;
- 212319: Other Crushed and Broken Stone Mining and Quarrying;
- 212321: Construction Sand and Gravel Mining;
- 212322: Industrial Sand Mining;
- 212324: Kaolin and Ball Clay Mining;
- 212325: Clay and Ceramic and Refractory Minerals Mining;
- 212391: Potash, Soda, and Borate Mineral Mining;
- 212392: Phosphate Rock Mining;
- 212393: Other Chemical and Fertilizer Mineral Mining;
- 212399: All Other Nonmetallic Mineral Mining;
- 213115: Support Activities for Nonmetallic Minerals (except Fuels);
- 327111: Vitreous China Plumbing Fixture and China and Earthenware Bathroom Accessories Manufacturing;
- 327112: Vitreous China, Fine Earthenware, and Other Pottery Product Manufacturing;
- 327113: Porcelain Electrical Supply Manufacturing;
- 327121: Brick and Structural Clay Tile Manufacturing;
- 327122: Ceramic Wall and Floor Tile Manufacturing;
- 327123: Other Structural Clay Product Manufacturing;
- 327124: Clay Refractory Manufacturing;
- 327125: Nonclay Refractory Manufacturing;
- 327410: Lime Manufacturing;
- 327420: Gypsum Product Manufacturing;
- 327910: Abrasive Product Manufacturing;

- 327992: Ground or Treated Mineral and Earth Manufacturing;
- 327999: All Other Miscellaneous Nonmetallic Mineral Product Manufacturing;
- 339999MIN: All Other Miscellaneous Manufacturing; and
- 423320: Brick, Stone, and Related Construction Material Merchant Wholesalers.

Wastewater generated by facilities in NAICS codes 339999 can be regulated under multiple categories. EPA reviewed available information about pollutant loads and manufacturing operations for facilities reporting this NAICS codes. EPA assigned the extension “MIN” to the end of the NAICS codes of facilities that likely primarily generate wastewater regulated by the Mineral Mining Effluent Limitation Guidelines and Standards (ELGs). For example, most facilities in NAICS code 339999 are grouped under the Metal Finishing ELGs.

Because the Permit Compliance System (PCS) and the Integrated Compliance Information System – National Pollutant Discharge Elimination System (ICIS-NPDES), the sources of the discharge monitoring report (DMR) data used to develop DMRLoads2008, report facilities by Standard Industrial Classification (SIC) code, and the U.S. Economic Census and Toxics Release Inventory (TRI) report data by NAICS code, EPA reclassified the 2008 DMR by the equivalent NAICS code. Table 9-1 lists the number of facilities from the U.S. Economic Census and the screening-level databases for the 21 NAICS codes with operations in the Mineral Mining Category, the corresponding SIC codes are included for reference. The U.S. Economic Census includes more facilities than the screening-level databases because of many possible factors including: facilities may not meet TRI-reporting thresholds, facilities may discharge to a publicly owned treatment works (POTW), and some facilities in the U.S. Economic Census are distributors or sales facilities, not manufacturers.

Table 9-1. Number of Mineral Mining Facilities

| NAICS Code | SIC Code | Number of Facilities | | |
|---|------------------------------------|---------------------------|-----------------------|-----------------------|
| | | 2002 U.S. Economic Census | 2008 DMR ^a | 2008 TRI ^b |
| 212311: Dimension Stone Mining and Quarrying | 1411: Dimension Stone | 179 | 48 | |
| 212312: Crushed and Broken Limestone Mining and Quarrying | 1422: Crushed and Broken Limestone | 1,523 | 881 | 3 |
| 212313: Crushed and Broken Granite Mining and Quarrying | 1423: Crushed and Broken Granite | 322 | 91 | 4 |

Table 9-1. Number of Mineral Mining Facilities

| NAICS Code | SIC Code | Number of Facilities | | |
|--|--|---------------------------|-----------------------|-----------------------|
| | | 2002 U.S. Economic Census | 2008 DMR ^a | 2008 TRI ^b |
| 212319: Other Crushed and Broken Stone Mining and Quarrying | 1429: Crushed and Broken Stone, NEC, 1455: Kaolin and Ball Clay, 1459: Clay, Ceramic, and Refractory Minerals, NEC, 1479: Chemical and Fertilizer Mineral Mining, NEC, 1499: Miscellaneous Nonmetallic Minerals, Except Fuels (except bituminous limestone and bituminous sandstone), 3295: Minerals and Earths, Ground or Otherwise Treated (grinding, washing, separating, etc. of kaolin and ball clay). | 1,214 | 696 | 4 |
| 212324: Kaolin and Ball Clay Mining | | 35 | | 2 |
| 212325: Clay and Ceramic and Refractory Minerals Mining | | 123 | | 3 |
| 212393: Other Chemical and Fertilizer Mineral Mining | | 47 | | 1 |
| 212399: All Other Nonmetallic Mineral Mining | | 246 | | 21 |
| 327992: Ground or Treated Mineral and Earth Manufacturing | | 292 | | 43 |
| 212321: Construction Sand and Gravel Mining | 1442: Construction Sand and Gravel | 2,612 | 1288 | 6 |
| 212322: Industrial Sand Mining | 1446: Industrial Sand | 141 | 56 | |
| 212391: Potash, Soda, and Borate Mineral Mining | 1474: Potash, Soda, and Borate Minerals | 24 | 1 | |
| 212392: Phosphate Rock Mining | 1475: Phosphate Rock | 15 | 38 | |
| 213115: Support Activities for Nonmetallic Minerals (except Fuels) | 1481: Nonmetallic Minerals Services, Except Fuels (except geophysical surveying and mapping and site preparation and related construction activities performed on a contract or fee basis) | 284 | 10 | 1 |
| 327111: Vitreous China Plumbing Fixture and China and Earthenware Bathroom Accessories Manufacturing | 3261: Vitreous China Plumbing Fixtures and China and Earthenware Fittings and Bathroom Accessories | 50 | 15 | 5 |
| 327112: Vitreous China, Fine Earthenware, and Other Pottery Product Manufacturing | 3262: Vitreous China Table and Kitchen Articles, 3263: Fine Earthenware (Whiteware) Table and Kitchen Articles, 3269: Pottery Products, NEC | 760 | 18 | 8 |
| 327113: Porcelain Electrical Supply Manufacturing | 3264: Porcelain Electrical Supplies | 138 | 13 | 5 |
| 327121: Brick and Structural Clay Tile Manufacturing | 3251: Brick and Structural Clay Tile (except slumped brick) | 200 | 43 | 96 |
| 327122: Ceramic Wall and Floor Tile Manufacturing | 3253: Ceramic Wall and Floor Tile | 203 | 8 | 17 |
| 327123: Other Structural Clay Product Manufacturing | 3259: Structural Clay Products, NEC | 50 | 7 | 5 |
| 327124: Clay Refractory Manufacturing | 3255: Clay Refractories | 134 | 43 | 12 |

Table 9-1. Number of Mineral Mining Facilities

| NAICS Code | SIC Code | Number of Facilities | | |
|--|--|---------------------------|-----------------------|-----------------------|
| | | 2002 U.S. Economic Census | 2008 DMR ^a | 2008 TRI ^b |
| 327125: Nonclay Refractory Manufacturing | 3297: Nonclay Refractories | 106 | 17 | 19 |
| 327410: Lime Manufacturing | 3274: Lime | 77 | 35 | 48 |
| 327420: Gypsum Product Manufacturing | 3275: Gypsum Products, 3291: Abrasive Products (steel wool with or without soap), 3299: Nonmetallic Mineral Products, NEC (moldings, ornamental and architectural plaster work, and gypsum statuary) | 308 | 64 | 85 |
| 327910: Abrasive Product Manufacturing | | 363 | | 28 |
| 327999: All Other Miscellaneous Nonmetallic Mineral Product Manufacturing | | 454 | | 45 |
| 339999MIN: All Other Miscellaneous Manufacturing | | 5,332 | | 1 |
| 423320: Brick, Stone, and Related Construction Material Merchant Wholesalers | 5032: Brick, Stone, and Related Construction Materials (merchant wholesalers except construction materials sold via retail method) | 3,592 | 49 | 2 |
| Total | | 18,824 | 3,421 | 464 |

Source: U.S. Economic Census, 2002 (U.S. Census, 2002); *TRIRelases2008_v3*; and *DMRLoads2008_v2*.

a – Major and minor dischargers. Also, DMR data are reported by SIC code; therefore, EPA used an NAICS to SIC crosswalk for comparison purposes.

b – Releases to any media.

NA – Not applicable.

Table 9-2 shows how permitting authorities designated direct discharging facilities in the Mineral Mining Category as minor or major (see Section 4.1.5). EPA included data for minor dischargers for the first time in the 2010 annual review, as part of *DMRLoads2008_v2*. EPA does not require permitting authorities to submit DMR data for minor dischargers; however, many states do provide complete DMR data for them. From the 2010 annual review, EPA observed many data entry or other errors for minor dischargers in addition to those previously identified for major dischargers, as discussed in Section 4.3. Table 9-2 shows that approximately 99 percent of the Mineral Mining Category dischargers in the 2008 DMR database are minor dischargers.

Table 9-2. Number of Mineral Mining Facilities

| NAICS Code ^a | Number of Facilities in DMR 2008 | | |
|---|----------------------------------|-------------------|-----------------|
| | Majors Dischargers | Minor Dischargers | All Dischargers |
| 212311: Dimension Stone Mining and Quarrying | 0 | 48 | 48 |
| 212312: Crushed and Broken Limestone Mining and Quarrying | 7 | 874 | 881 |
| 212313: Crushed and Broken Granite Mining and Quarrying | 0 | 91 | 91 |

Table 9-2. Number of Mineral Mining Facilities

| NAICS Code ^a | Number of Facilities in DMR 2008 | | |
|--|----------------------------------|---------------------------|-----------------|
| | Majors Dischargers | Minor Dischargers | All Dischargers |
| 212319: Other Crushed and Broken Stone Mining and Quarrying | | | |
| 212324: Kaolin and Ball Clay Mining | | | |
| 212325: Clay and Ceramic and Refractory Minerals Mining | | | |
| 212393: Other Chemical and Fertilizer Mineral Mining | | | |
| 212399: All Other Nonmetallic Mineral Mining | | | |
| 327992: Ground or Treated Mineral and Earth Manufacturing | 6 | 690 | 696 |
| 212321: Construction Sand and Gravel Mining | 3 | 1,285 | 1,288 |
| 212322: Industrial Sand Mining | 0 | 56 | 56 |
| 212391: Potash, Soda, and Borate Mineral Mining | 0 | 1 | 1 |
| 212392: Phosphate Rock Mining | 15 | 23 | 38 |
| 213115: Support Activities for Nonmetallic Minerals (except Fuels) | 2 | 8 | 10 |
| 327111: Vitreous China Plumbing Fixture and China and Earthenware Bathroom Accessories Manufacturing | 0 | 15 | 15 |
| 327112: Vitreous China, Fine Earthenware, and Other Pottery Product Manufacturing | 0 | 18 | 18 |
| 327113: Porcelain Electrical Supply Manufacturing | 0 | 13 | 13 |
| 327121: Brick and Structural Clay Tile Manufacturing | 1 | 42 | 43 |
| 327122: Ceramic Wall and Floor Tile Manufacturing | 0 | 8 | 8 |
| 327123: Other Structural Clay Product Manufacturing | 0 | 7 | 7 |
| 327124: Clay Refractory Manufacturing | 0 | 43 | 43 |
| 327125: Nonclay Refractory Manufacturing | 1 | 16 | 17 |
| 327410: Lime Manufacturing | 2 | 33 | 35 |
| 327420: Gypsum Product Manufacturing | | | |
| 327910: Abrasive Product Manufacturing | | | |
| 327999: All Other Miscellaneous Nonmetallic Mineral Product Manufacturing | | | |
| 339999MIN: All Other Miscellaneous Manufacturing | 0 | 64 | 64 |
| 423320: Brick, Stone, and Related Construction Material Merchant Wholesalers | 0 | 49 | 49 |
| Total | 37 | 3,384 ^b | 3,421 |

Source: *DMRLoads2008_v2*.

a – DMR data is reported by SIC code; therefore EPA used an NAICS-to-SIC-code crosswalk for comparison purposes.

b – The DMR data in PCS and ICIS-NPDES does not include discharge data for all minor dischargers. For the facilities in the Mineral Mining Category, 1,109 of the 3,384 minor dischargers have DMR data.

Table 9-3 presents the type of discharges reported by facilities in the 2008 TRI database. The majority of mineral mining facilities reporting to TRI do not report water discharges, but those that do mostly reported discharging directly.

Table 9-3. Number of Mineral Mining Facilities by Type of Discharger in TRI 2008

| NAICS Code | Number of Facilities in TRI 2008 | | | |
|--|----------------------------------|---------------------------|--------------------------|---------------------|
| | Direct Dischargers Only | Indirect Dischargers Only | Both Indirect and Direct | No Water Discharges |
| 212311: Dimension Stone Mining and Quarrying | 0 | 0 | 0 | 0 |
| 212312: Crushed and Broken Limestone Mining and Quarrying | 1 | 0 | 0 | 2 |
| 212313: Crushed and Broken Granite Mining and Quarrying | 1 | 1 | 0 | 2 |
| 212319: Other Crushed and Broken Stone Mining and Quarrying | 1 | 0 | 0 | 3 |
| 212324: Kaolin and Ball Clay Mining | 1 | 0 | 0 | 1 |
| 212325: Clay and Ceramic and Refractory Minerals Mining | 0 | 0 | 0 | 3 |
| 212393: Other Chemical and Fertilizer Mineral Mining | 0 | 0 | 0 | 1 |
| 212399: All Other Nonmetallic Mineral Mining | 1 | 0 | 0 | 20 |
| 327992: Ground or Treated Mineral and Earth Manufacturing | 5 | 2 | 0 | 36 |
| 212321: Construction Sand and Gravel Mining | 5 | 0 | 0 | 1 |
| 212322: Industrial Sand Mining | 0 | 0 | 0 | 0 |
| 212391: Potash, Soda, and Borate Mineral Mining | 0 | 0 | 0 | 0 |
| 212392: Phosphate Rock Mining | 0 | 0 | 0 | 0 |
| 213115: Support Activities for Nonmetallic Minerals (except Fuels) | 0 | 0 | 0 | 1 |
| 327111: Vitreous China Plumbing Fixture and China and Earthenware Bathroom Accessories Manufacturing | 3 | 0 | 0 | 2 |
| 327112: Vitreous China, Fine Earthenware, and Other Pottery Product Manufacturing | 1 | 1 | 1 | 5 |
| 327113: Porcelain Electrical Supply Manufacturing | 0 | 1 | 0 | 4 |
| 327121: Brick and Structural Clay Tile Manufacturing | 2 | 1 | 1 | 92 |
| 327122: Ceramic Wall and Floor Tile Manufacturing | 1 | 4 | 0 | 12 |
| 327123: Other Structural Clay Product Manufacturing | 1 | 1 | 0 | 3 |
| 327124: Clay Refractory Manufacturing | 2 | 0 | 0 | 10 |
| 327125: Nonclay Refractory Manufacturing | 1 | 6 | 1 | 11 |
| 327410: Lime Manufacturing | 5 | 0 | 0 | 43 |
| 327420: Gypsum Product Manufacturing | 31 | 0 | 0 | 54 |
| 327910: Abrasive Product Manufacturing | 0 | 4 | 0 | 24 |
| 327999: All Other Miscellaneous Nonmetallic Mineral Product Manufacturing | 2 | 5 | 0 | 38 |

Table 9-3. Number of Mineral Mining Facilities by Type of Discharger in TRI 2008

| NAICS Code | Number of Facilities in TRI 2008 | | | |
|--|----------------------------------|---------------------------|--------------------------|---------------------|
| | Direct Dischargers Only | Indirect Dischargers Only | Both Indirect and Direct | No Water Discharges |
| 339999MIN: All Other Miscellaneous Manufacturing | 0 | 0 | 0 | 1 |
| 423320: Brick, Stone, and Related Construction Material Merchant Wholesalers | 0 | 0 | 0 | 2 |
| Total | 64 | 26 | 3 | 371 |

Source: *TRIRelases2008_v3*.**9.1.2 40 CFR Part 436**

There are 38 subcategories for the Mineral Mining ELGs. EPA first promulgated ELGs for the Mineral Mining Category (40 CFR Part 436) on October 16, 1975 (40 FR 48657) for selected subparts. EPA proposed regulations on June 10, 1976 for additional subparts, of which only Subparts B, C, D, and R were promulgated on July 1979. National amendments were made to the ELGs on December 28, 1979. 17 of the subparts in 40 CFR Part 436 are reserved. The majority of the remaining subcategories have no discharge requirements or best practical control technology (BPT) limitations. Table 9-4 lists the 38 subcategories and applicability.

Table 9-4. Applicability of Subcategories in the Mineral Mining Category

| Subpart | Subcategory Title | Subcategory Applicability |
|---------|------------------------------|--|
| A | Dimension Stone | Reserved |
| B | Crushed Stone | Crushed and broken stone and riprap, including calcite in conjunction with the processing of limestone or dolomite |
| C | Construction Sand and Gravel | Sand and gravel for construction or fill uses, excluding on-board processing of dredged sand and gravel that is covered by 33 CFR Part 230 |
| D | Industrial Sand | Sand and gravel for uses other than construction fill including, but not limited to, glassmaking, molding, abrasives, filtration, refractories, and refractory bonding |
| E | Gypsum | Gypsum |
| F | Asphaltic Mineral | Bituminous limestone, oil-impregnated diatomite and olsonite not primarily as an energy source |
| G | Asbestos and Wollastonite | Asbestos and wollastonite |
| H | Lightweight Aggregates | Reserved |
| I | Mica and Sericite | Reserved |
| J | Barite | Barite |
| K | Fluorspar | Fluorspar |
| L | Salines from Brine Lakes | Salines from brine lakes |
| M | Borax | Borate minerals, excluding borax obtained from brine lakes that is covered by 40 CFR Part 436 Subpart L |
| N | Potash | Potash, excluding potash obtained from brine lakes that is covered by 40 CFR Part 436 Subpart L |

Table 9-4. Applicability of Subcategories in the Mineral Mining Category

| Subpart | Subcategory Title | Subcategory Applicability |
|----------------|--|---|
| O | Sodium Sulfate | Sodium sulfate, excluding sodium sulfate obtained from brine lakes that is covered by 40 CFR Part 436 Subpart L |
| P | Trona | Reserved |
| Q | Rock Salt | Reserved |
| R | Phosphate Rock | Phosphate bearing rock, ore or earth for the phosphate content |
| S | Frasch Sulfur | Sulfur on shore and in marshes and estuaries by the Frasch process, excluding sulfur refining operations that are not performed at the mining and collection site |
| T | Mineral Pigments | Reserved |
| U | Lithium | Reserved |
| V | Bentonite | Bentonite |
| W | Magnesite | Magnesite |
| X | Diatomite | Diatomite |
| Y | Jade | Jade |
| Z | Novaculite | Novaculite |
| AA | Fire Clay | Reserved |
| AB | Attapulgite and Montmorillonite | Reserved |
| AC | Kyanite | Reserved |
| AD | Shale and Common Clay | Reserved |
| AE | Aplite | Reserved |
| AF | Tripoli | Tripoli |
| AG | Kaolin | Reserved |
| AH | Ball Clay | Reserved |
| AI | Feldspar | Reserved |
| AJ | Talc, Steatite, Soapstone and Pyrophyllite | Reserved |
| AK | Garnet | Reserved |
| AL | Graphite | Graphite |

Source: *Mineral Mining and Processing Point Source Category – 40 CFR 436.*

9.2 Mineral Mining Category 2010 Screening-Level Review

Table 9-5 compares the screening-level results for the Mineral Mining Category from the 2006 through 2010 annual reviews. The combined DMR and TRI TWPE decreased from discharge years 2004 to 2007, but increased from discharge years 2007 to 2008. The discharge year 2008 DMR TWPE accounts for approximately 97 percent of the combined 2008 DMR and TRI TWPE.

Table 9-5. Mineral Mining Category TRI and DMR Discharges for the 2010 and Previous Screening-Level Reviews

| Year of Discharge | Year of Review | Mineral Mining Category | | |
|-------------------|----------------|-------------------------|-----------------------|------------|
| | | TRI TWPE | DMR TWPE ^a | Total TWPE |
| 2002 | 2006 | 2,840 | 50,500 | 53,340 |
| 2004 | 2007 | 5,390 | 49,300 | 54,700 |
| 2005 | 2008 | 6,260 | NA | NA |
| 2007 | 2009 | 2,420 | 26,700 | 29,100 |
| 2008 | 2010 | 3,390 | 100,000 | 103,000 |

Source: *TRIRelases2002_v4*; *PCSLoads2002_v4*; *TRIRelases2004_v3*; *PCSLoads2004_v3*; *TRIRelases2005_v2*; *TRIRelases2007_v2*; *DMRLoads2007_v4*; *TRIRelases2008_v3*; and *DMRLoads2008_v2*.

a – DMR data from 2002 through 2007 includes only major dischargers. DMR 2008 data includes both minor and major dischargers.

NA – Not applicable. EPA did not evaluate DMR data for 2005.

Table 9-6 presents the 2008 DMR TWPE by facility discharge classification. EPA excluded minor dischargers from previous annual reviews, but included them in the 2010 annual review. The majority (69 percent) of the TWPE in the 2008 DMR database results from major dischargers.

Table 9-6. Mineral Mining Category 2008 DMR TWPE by Discharge Classification

| Year of Discharge ^a | TWPE from Minor Dischargers | TWPE from Major Dischargers |
|--------------------------------|-----------------------------|-----------------------------|
| 2008 | 30,800 | 69,300 |

Source: *DMRLoads2008_v2*.

a – Data for previous years of discharge are not included because EPA excluded minor dischargers from previous annual reviews.

9.3 Mineral Mining Category Pollutants of Concern

Table 9-7 compares the five pollutants with the highest TWPE based on the results from the 2010, 2009, and 2007 annual reviews (*TRIRelases2008_v3*, *TRIRelases2007_v2*, and *TRIRelases2004_v3*, respectively). Table 9-8 lists the five pollutants with the highest DMR TWPE based on the results from the 2010, 2009, and 2007 annual reviews (*DMRLoads2008_v2*, *DMRLoads2007_v3*, and *PCSLoads2004_v4*, respectively).

Table 9-7. Mineral Mining Category Top TRI Pollutants

| Pollutant | 2004 TRI Database ^a | | | 2007 TRI Database ^a | | | 2008 TRI Database ^a | | |
|--------------------------------------|---|--|--------------|---|--|--------------|---|--|--------------|
| | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE |
| Nitrate Compounds | 3 | 6 | 1,050 | 1 | 5 | 1,300 | 1 | 6 | 2,080 |
| Copper and Copper Compounds | Pollutants not reported in the top five TRI 2004 reported pollutants. | | | Pollutants not reported in the top five TRI 2007 reported pollutants. | | | 2 | 4 | 435 |
| Mercury and mercury Compounds | | | | 2 | 4 | 387 | 3 | 16 | 249 |
| Manganese and Manganese Compounds | 5 | 11 | 265 | 4 | 8 | 239 | 4 | 10 | 151 |
| Lead and Lead Compounds | 1 | 51 | 1,270 | 3 | 23 | 371 | 5 | 53 | 144 |
| Ammonia | Pollutants not reported in the top five TRI 2004 reported pollutants. | | | 5 | 3 | 60 | Pollutants not reported in the top five TRI 2008 reported pollutants. | | |
| Nickel and Nickel Compounds | 2 | 7 | 1,060 | Pollutants not reported in the top five TRI 2007 reported pollutants. | | | | | |
| Chromium and Chromium Compounds | 4 | 13 | 806 | | | | | | |
| Mineral Mining Category Total | NA | 101 ^b | 6,260 | NA | 60 ^b | 2,420 | NA | 92 ^b | 3,390 |

Source: *TRIRelases2004_v3*; *TRIRelases2007_v2*; and *TRIRelases2008_v3*.

a – Discharges include transfers to POTWs and account for POTW removals.

b – Number of facilities reporting TWPE greater than zero.

NA – Not applicable.

Table 9-8. Mineral Mining Category Top DMR Pollutants

| Pollutant | 2004 DMR Database ^a | | | 2007 DMR Database ^a | | | 2008 DMR Database ^b | | |
|--------------------------------------|--|--|---------------|--|--|---------------|--|--|----------------|
| | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE |
| Sulfide | Pollutant not reported in the top five DMR 2004 reported pollutants. | | | Pollutant not reported in the top five DMR 2007 reported pollutants. | | | 1 | 5 | 35,900 |
| Fluoride | 1 | 14 | 41,800 | 1 | 14 | 18,700 | 2 | 20 | 28,200 |
| Ammonia as Nitrogen | Pollutant not reported in the top five DMR 2004 reported pollutants. | | | Pollutant not reported in the top five DMR 2007 reported pollutants. | | | 3 | 28 | 11,100 |
| Chloride | 4 | 3 | 1,510 | 5 | 6 | 572 | 4 | 27 | 6,690 |
| Lead | 3 | 2 | 1,560 | 3 | 1 | 2,760 | 5 | 12 | 5,940 |
| Cadmium | 2 | 1 | 1,940 | 2 | 2 | 3,060 | Pollutant not reported in the top five DMR 2008 reported pollutants. | | |
| Zinc | 5 | 3 | 482 | 4 | 1 | 710 | | | |
| Mineral Mining Category Total | NA | 23 ^c | 49,300 | NA | 28 ^c | 26,700 | NA | 120 ^c | 100,000 |

Source: PCSLoads2004_v4; DMRLoads2007_v3; and DMRLoads2008_v2.

a – 2004 and 2007 DMR data only include major dischargers.

b – 2008 DMR data includes major and minor dischargers.

c – Number of facilities reporting TWPE greater than zero.

NA – Not applicable.

The Mineral Mining Category TWPE in the 2008 TRI database is significantly lower than the 2008 DMR TWPE. Therefore, EPA focused the preliminary category review on the DMR-reported pollutants that account for the majority of the category TWPE.

EPA’s additional review for the 2008 DMR database pollutants of concern, sulfide, fluoride, and ammonia as nitrogen, is presented in the following subsections. EPA did not investigate the other top pollutants as part of the 2010 annual review because they account for a small percentage (27 percent) of the 2008 Mineral Mining Category combined DMR and TRI TWPE.

Of the pollutants of concern for the Mineral Mining Category, Part 436 only regulates fluoride in Subpart D – Industrial Sand Subcategory. EPA’s 2010 annual review of the Mineral Mining Category determined that the majority of fluoride discharges are from facilities covered by the Phosphate Rock Subcategory (Subpart R). The Phosphate Rock Subcategory does not regulate fluoride.

9.4 Mineral Mining Category Sulfide Discharges in DMR

As part of the 2010 annual review of the Mineral Mining Category, EPA reviewed sulfide discharges in the 2008 DMR database. Approximately 36 percent of the 2008 DMR TWPE is from sulfide discharges. Table 9-9 presents the sulfide discharges from mineral mining facilities in the 2008 DMR database. US Silica Co. in Rockwood, MI, accounts for 87 percent of the sulfide discharges in the DMR 2008 database for the Mineral Mining Category. This subsection provides information on US Silica’s sulfide discharges.

Table 9-9. Mineral Mining Category Top Sulfide Discharging Facility in DMR 2008

| Facility Name | Pounds of Sulfide Discharged | Sulfide TWPE | Percentage of Mineral Mining Category Sulfide DMR 2008 TWPE |
|--------------------------|------------------------------|---------------|---|
| US Silica Co. | 11,200 | 31,200 | 87% |
| Stoneco Inc. | 1,150 | 3,210 | 9% |
| US Gypsum Co. | 415 | 1,160 | 3% |
| Stoneco Inc. – Maybee | 57 | 159 | <1% |
| Stoneco Inc. - Denniston | 40 | 113 | <1% |
| Total | 12,800 | 35,900 | 100% |

Source: *DMRLoads2008_v2*.

US Silica discharges sulfide from outfall 002. Table 9-10 presents US Silica’s 2008 monthly sulfide discharge data in the DMR Loadings Tool for outfall 002. The facility permit states that outfall 002 is for sand and limestone mine dewatering water and process wastewater. The facility permit requires the facility to report dissolved sulfide concentrations monthly (MDEQ, 2005).

EPA reviewed DMR data from Envirofacts¹⁷ for 2008 – 2010. The 2008 sulfide and flow data from the DMR Loadings Tool corresponds to the Envirofacts, and EPA identified no corrections for data in the DMR Loadings Tool. EPA did find that US Silica only detected sulfide during one month from January 2008 through March 2010. Table 9-11 presents US Silica’s available 2009 and 2010 sulfide discharge data from Envirofacts. Given that these discharges occurred only once in almost three years, EPA finds that the sulfide discharges from this facility do not represent a consistent discharge for all silica mineral mines. EPA also does not believe the US Silica sulfide discharges warrant a revision to the Mineral Mining ELGs. For an individual facility, permit writers can apply best professional judgment to determine the appropriate control of discharges.

Table 9-10. US Silica Co. 2008 Monthly Sulfide and Flow Discharge Data

| Outfall | Monitoring Period Date | DMR Loadings Tool Maximum Sulfide Concentration (mg/L) | DMR Loadings Tool Average Flow (MGD) |
|---------|------------------------|--|--------------------------------------|
| 002 | 31-Jan-08 | 2.20 | 13.06 |
| 002 | 31-Mar-08 | 0 | 13.69 |
| 002 | 30-Apr-08 | 0 | 13.38 |
| 002 | 31-Aug-08 | 0 | 13.05 |
| 002 | 30-Sep-08 | 0 | 12.81 |
| 002 | 31-Oct-08 | 0 | 12.61 |
| 002 | 30-Nov-08 | 0 | 12.23 |
| 002 | 31-Dec-08 | 0 | 11.98 |

Source: DMR Loadings Tool.

Table 9-11. US Silica Co. 2009 and 2010 Monthly Sulfide and Flow Discharge Data

| Outfall | Monitoring Period Date | Envirofacts Sulfide Concentration (mg/L) | Envirofacts Flow (MGD) |
|---------|------------------------|--|------------------------|
| 002 | 30-Apr-09 | 0 | 11.45 |
| 002 | 30-Jun-09 | 0 | 11.3 |
| 002 | 31-Aug-09 | 0 | 11.68 |
| 002 | 30-Sept-09 | 0 | 11.1 |
| 002 | 31-Oct-09 | 0 | 11.8 |
| 002 | 30-Nov-09 | 0 | 11.4 |
| 002 | 31-Dec-09 | 0 | 12.3 |
| 002 | 31-Jan-10 | 0 | 11.7 |
| 002 | 28-Feb-10 | 0 | 11.9 |
| 002 | 31-Mar-10 | 0 | 11.9 |

Source: Envirofacts.

¹⁷ EPA uses the data in Envirofacts as a source while reviewing the DMR Loadings Tool data because Envirofacts continually accepts and updates corrections submitted by facilities and states. The DMR Loadings Tool is not continuously updated; therefore, loads may be estimated with erroneous data.

9.5 Mineral Mining Category Fluoride Discharges in DMR

As part of the 2010 annual review of the Mineral Mining Category, EPA reviewed fluoride discharges in the 2008 DMR database. Approximately 28 percent of the 2008 DMR TWPE is from fluoride discharges. Table 9-12 presents the fluoride discharges from mineral mining facilities in the 2008 DMR database.

The majority (74 percent) of fluoride discharges in 2008 were from four fluoride discharging facilities: PCS Phosphates White Springs, PCS Phosphates White Springs (Jasper), US Agri-Chemicals, and Feldspar Corp. These fluoride discharges result from mineral mining processes that are regulated by Subparts R – Phosphate Rock and AI – Feldspar. Neither Subpart R nor Subpart AI sets limits for fluoride (Subpart AI is reserved). This subsection provides information on the fluoride discharges from the top four fluoride discharging facilities.

Table 9-12. Mineral Mining Category Top Fluoride Discharging Facilities in DMR 2008

| Facility Name | Location | Pounds of Fluoride Discharged | Fluoride TWPE | Percentage of Mineral Mining Category Fluoride DMR 2008 TWPE |
|--|-------------------|-------------------------------|---------------|--|
| PCS Phosphates White Springs | White Springs, FL | 334,000 | 10,000 | 35.6% |
| PCS Phosphates White Springs (Jasper) | Jasper, FL | 173,000 | 5,200 | 18.4% |
| US Agri-Chemicals – Ft Meade | Fort Meade, FL | 111,000 | 3,320 | 11.8% |
| Feldspar Corp Spruce Pine Fac | Spruce Pine, NC | 72,300 | 2,170 | 7.7% |
| Mosaic Fertilizer, LLC – Ft Gr | White Springs, FL | 50,500 | 1,510 | 5.4% |
| Mosaic Fertilizer LLC - Four | Polk County, FL | 42,200 | 1,270 | 4.5% |
| Remaining Mineral Mining Fluoride Dischargers ^a | NA | 156,000 | 4,690 | 16.7% |
| Total | | 940,000 | 28,200 | 100% |

Source: *DMRLoads2008_v2*.

a – There are 14 remaining mineral mining facilities that have fluoride discharges in *DMRLoads2008_v2* that account for 16.7 percent of the Mineral Mining Category's 2008 fluoride TWPE.

NA – Not applicable.

9.5.1 *Wastewater Sources of Fluoride*

The majority of the fluoride discharges for the Mineral Mining and Processing Category are from phosphate mines in Florida and feldspar mines in North Carolina. EPA previously compiled information on this category, discussed in the 1976 Development Document for Interim Final Effluent Limitations Guidelines and Standards of Performance – Mineral Mining and Processing Industry (Mineral Mining Development Document). For the 2010 Final Plan, EPA compared current information to data from the Mineral Mining Development Document.

Phosphate mines are located in four major producing areas: Florida, North Carolina, Tennessee, and western states. The phosphate rock is not a pure compound, but a fluorapatite mineral containing impurities of fluoride, iron, aluminum, silica, and uranium. In Florida, phosphate rock washing operations produce large quantities of slurry, very fine clay, and

phosphate minerals called slime. This slime is sent to settling ponds that cover large surface areas. Wastewater is generated from stormwater runoff from the slime storage and disposal area (U.S. EPA, 1976). Some of the Florida phosphate mines also appear to manufacture phosphatic fertilizer on site, which also generates fluoride-containing wastewater. See the Section 8.5.2 of the Technical Support Document for the 2006 Effluent Guidelines Program Plan (U.S. EPA, 2006) for potential wastewater sources from the phosphate fertilizer operations.

The feldspar mines in North Carolina use hydrofluoric acid flotation to separate the by-products, which can include mica, quartz, and sand, from the feldspar (U.S. EPA, 1976). The feldspar processing uses significant quantities of water with little recycle because of possible build-up of soluble organics and fluoride ions. Facilities can also use sulfuric acid, sulfonic acid, frothers, amines and oils as the flotation agent. The Mineral Mining Development Document shows that treated effluent fluoride concentrations in 1976 ranged from 1.3 mg/L to 34 mg/L. The hydrofluoric acid flotation generates fluoride-containing wastewater, which can be minimized using a flotation circuit and/or partial recycle of the fluoride, as well as lime treatment. The Mineral Mining Development Document studied the performance of single stage chemical precipitation: lime addition with mixing followed by settling ponds. The 1976 data showed that single-stage chemical precipitation could achieve effluent fluoride concentrations of less than 10 mg/L through segregation and separate treatment of fluoride-containing streams (U.S. EPA, 1976).

9.5.2 Top Facilities Discharging Fluoride

The majority (75 percent) of fluoride discharges in 2008 were from the top four fluoride discharging facilities: PCS Phosphates White Springs, PCS Phosphates White Springs (Jasper), US Agri-Chemicals, and Feldspar Corp. Fluoride is generated in the open-pit mining of phosphate rock and the production of feldspar in the Phosphate Rock and Feldspar Subcategories of the Mineral Mining Category, respectively. This subsection provides information on each facility's fluoride discharges from the 2008 DMR Loadings Tool and their corresponding permit limits, if available.

PCS Phosphates White Springs in White Springs, FL

PCS Phosphates White Springs generates wastewater from: open-pit mining of phosphate rock, beneficiation of the rock, manufacture of sulfuric acid and phosphoric acid, production of fertilizer components and animal-feed supplements, and stormwater runoff. The facility's treatment system includes pH adjustment and chemical precipitation, when required, using lime; settling and sedimentation; and adsorption/absorption on mining waste clay particles in clay settling areas (FL DEP, 2003a).

PCS Phosphates White Springs discharges fluoride from outfalls 001, 122, and 128. Outfall 001 is a surface water monitoring location. Table 9-13 describes outfall descriptions, fluoride limits, and the basis of the fluoride limits.

Table 9-13. PCS Phosphates White Springs Outfall Descriptions and Fluoride Limits

| Outfall | Outfall Description | Fluoride Limits | | |
|---------|--|----------------------|------------------------|---|
| | | Daily Maximum (mg/L) | Monthly Average (mg/L) | Limit Basis ^a |
| 001 | Swift Creek surface water monitoring location | 10.0 | Report Only | FL DEP water quality criteria for Class III predominately fresh surface water |
| 122 | Treated process wastewater, CNPW, stormwater, and treated sanitary wastewater | 75.0 | 25.0 | Fertilizer Manufacturing ELGs |
| 128 | Treated process wastewater, CNPW, stormwater, treated sanitary wastewater, and discharges above mid-point of the surge capacity from the calcium sulfate stormwater pile runoff system | 75.0 | 25.0 | Fertilizer Manufacturing ELGs |

Source: Facility Permit (FL DEP, 2003a).

a – The facility’s permit and fact sheet do not state the basis for the fluoride limit. However, the limits set correspond to FL water quality criteria for Class III predominately fresh surface water. The permit limits may also be based on permit writer best professional judgment.

Table 9-14 presents the monthly discharge data for the PCS Phosphates White Springs facility for outfalls 001 and 122, which account for the majority of the fluoride discharges. As shown in Table 9-14, the fluoride concentrations in the 2008 DMR data are below permit limitations. Outfall 001 represents a surface water monitoring location; therefore, EPA will exclude these discharges from future screening-level databases. This exclusion would reduce the facility’s fluoride discharges from 10,000 TWPE to 2,340 TWPE. Additionally, the fluoride concentrations at outfall 001 are less than the Florida Department of Environmental Protection’s (FL DEP’s) water quality standard, showing that PCS Phosphates White Springs’ fluoride discharges are not expected to impact the quality of the receiving stream.

Table 9-14. 2008 Monthly Fluoride Concentrations and Limits for PCS Phosphates White Springs

| Monitoring Period Date | DMR Loadings Tool Daily Maximum Fluoride Concentration (mg/L) | DMR Loadings Tool Monthly Average Fluoride Concentration (mg/L) | Daily Maximum Fluoride Permit Limit (mg/L) | Monthly Average Fluoride Permit Limit (mg/L) |
|---|---|---|--|--|
| Outfall 001 – Surface Water Monitoring | | | | |
| 31-Jan-08 | 2.62 | 2.34 | 10 | Report |
| 29-Feb-08 | 2.03 | 1.92 | 10 | Report |
| 31-Mar-08 | 1.83 | 1.73 | 10 | Report |
| 30-Apr-08 | 2.18 | 1.97 | 10 | Report |
| 31-May-08 | 2.26 | 2.19 | 10 | Report |
| 30-Jun-08 | 2.33 | 2.23 | 10 | Report |
| 31-Jul-08 | 2.55 | 2.39 | 10 | Report |
| 31-Aug-08 | 2.26 | 2.13 | 10 | Report |
| 30-Sep-08 | 2.59 | 2.44 | 10 | Report |
| 31-Oct-08 | 2.52 | 2.45 | 10 | Report |

Table 9-14. 2008 Monthly Fluoride Concentrations and Limits for PCS Phosphates White Springs

| Monitoring Period Date | DMR Loadings Tool Daily Maximum Fluoride Concentration (mg/L) | DMR Loadings Tool Monthly Average Fluoride Concentration (mg/L) | Daily Maximum Fluoride Permit Limit (mg/L) | Monthly Average Fluoride Permit Limit (mg/L) |
|--|---|---|--|--|
| 30-Nov-08 | 2.7 | 2.60 | 10 | Report |
| 31-Dec-08 | 2.45 | 2.34 | 10 | Report |
| Outfall 122 - Treated Process Wastewater, CNPW, Stormwater, and Treated Sanitary Wastewater | | | | |
| 31-Jan-08 | 10.19 | 5.06 | 75 | 25 |
| 29-Feb-08 | 4.1 | 4.10 | 75 | 25 |
| 31-Mar-08 | 6.43 | 5.07 | 75 | 25 |
| 30-Apr-08 | 4.38 | 4.02 | 75 | 25 |
| 31-May-08 | 5.92 | 4.92 | 75 | 25 |
| 30-Jun-08 | 5.55 | 4.70 | 75 | 25 |
| 31-Jul-08 | 5.17 | 4.82 | 75 | 25 |
| 31-Aug-08 | 5.5 | 4.78 | 75 | 25 |
| 30-Sep-08 | 3.98 | 3.26 | 75 | 25 |
| 31-Oct-08 | 5.36 | 4.27 | 75 | 25 |
| 30-Nov-08 | 4.77 | 3.93 | 75 | 25 |
| 31-Dec-08 | 3.15 | 1.81 | 75 | 25 |

Source: DMR Loadings Tool and Facility Permit (FL DEP, 2003a).

PCS Phosphates White Springs (Jasper) in Jasper, FL

PCS Phosphates White Springs (Jasper) generates wastewater from: open-pit mining of phosphate rock, beneficiation of the rock, and stormwater from the Suwannee River Chemical Complex and Mine. The facility's treatment system includes pH adjustment and chemical precipitation, when required, using lime; settling and sedimentation; and adsorption/absorption on mining waste clay particles in clay settling areas (FL DEP, 2003b).

PCS Phosphates White Springs (Jasper) discharges most of its fluoride from outfall 001, with minor discharges from outfalls 1A2, 1H8, and 202. Outfall 001 represents a surface water monitoring location in Swift Creek, the receiving stream for outfalls 1A2, 1H8, and other outfalls. Outfall 202 is process wastewater from the mining and beneficiation of phosphate rock, CNPW, stormwater, mine dewatering, and treated sanitary wastewater.

Table 9-15 presents the monthly discharge data for the PCS Phosphates White Springs (Jasper) facility for outfall 001 (in-stream monitoring location), compared to the fluoride permit limits. As shown in Table 9-15, the fluoride concentrations in the 2008 DMR data are below permit limitations. Outfall 001 represents a surface water monitoring location; therefore, EPA will exclude these discharges from future screening-level databases. This exclusion would reduce the facility's fluoride discharges from 5,200 TWPE to 720 TWPE. Additionally, the fluoride concentrations at outfall 001 are less than the FL DEP's water quality standard, showing that PCS Phosphates White Springs (Jasper)'s fluoride discharges are not expected to impact the quality of the receiving stream.

Table 9-15. Outfall 001 Monthly Fluoride Concentrations and Limits for PCS Phosphates White Springs (Jasper)

| Monitoring Period Date | DMR Loadings Tool Daily Maximum Fluoride Concentration (mg/L) | DMR Loadings Tool Monthly Average Fluoride Concentration (mg/L) | Daily Maximum Fluoride Permit Limit (mg/L) ^a | Monthly Average Fluoride Permit Limit (mg/L) ^a |
|------------------------|---|---|---|---|
| 31-Jan-08 | 2.62 | 2.34 | 10 | Report Only |
| 29-Feb-08 | 2.03 | 1.92 | 10 | Report Only |
| 31-Mar-08 | 0.3 | 1.73 | 10 | Report Only |
| 30-Apr-08 | 2.18 | 1.97 | 10 | Report Only |
| 31-May-08 | 2.26 | 2.19 | 10 | Report Only |
| 30-Jun-08 | 2.33 | 2.23 | 10 | Report Only |
| 31-Jul-08 | 2.55 | 2.39 | 10 | Report Only |
| 31-Aug-08 | 2.26 | 2.13 | 10 | Report Only |
| 30-Sep-08 | 2.59 | 2.44 | 10 | Report Only |
| 31-Oct-08 | 2.52 | 2.45 | 10 | Report Only |
| 30-Nov-08 | 2.71 | 2.60 | 10 | Report Only |
| 31-Dec-08 | 2.45 | 2.34 | 10 | Report Only |

Source: 2008 DMR Loadings Tool and Facility Permit (FL DEP, 2003b).

a – EPA suspects these fluoride limits are based on FL DEP water quality criteria for Class III predominately fresh surface water.

US Agri-Chemicals Corporation in Fort Meade, FL

US Agri-Chemicals Corporation manufactures sulfuric acid, phosphoric acid, mono-ammonium phosphate, di-ammonium phosphate, and fluosilicic acid. US Agri-Chemicals also has a lined phosphogypsum stack and an un-lined process water cooling pond with a recirculation system. The facility is working with the state to close the un-lined pond. The facility's 2004 NPDES permit also allows the facility to construct an additional lined phosphogypsum stack. The facility treats wastewater from both ponds through a two-stage lime treatment and spray aeration process prior to discharge (FL DEP, 2004).

Table 9-16 presents the monthly fluoride discharge data for US Agri-Chemicals for outfall 004, compared to the fluoride permit limits. As shown in Table 9-16, the fluoride concentrations in the 2008 DMR data are below permit limitations. Additionally, based on the permit and fact sheet, EPA believes that the facility's operations fall within the applicability of the Fertilizer Manufacturing ELGs (40 CFR Part 418) and/or Phosphate Manufacturing ELGs (40 CFR Part 422) rather than the Mineral Mining ELGs (40 CFR Part 436) because the facility does not have any mining operations. Therefore, discharges from this facility should be excluded from the 2010 annual review of the Mineral Mining Category, reducing the category's TWPE by 3,530 TWPE. As part of future annual reviews, EPA will continue its review of this facility's discharges and reassign this facility to the correct category.

Table 9-16. 2008 Monthly Fluoride Discharge Data and Limits for US Agri-Chemicals Corporation

| Outfall | Monitoring Period Date | Maximum Fluoride Concentration from DMR Data (mg/L) | Daily Maximum Fluoride Permit Limit (mg/L) | Monthly Average Fluoride Permit Limit (mg/L) |
|---------|------------------------|---|--|--|
| 004 | 31-Jan-08 | 7.15 | 10 | Report |
| 004 | 29-Feb-08 | 5.50 | 10 | Report |
| 004 | 31-Mar-08 | 3.07 | 10 | Report |
| 004 | 30-Apr-08 | 3.23 | 10 | Report |
| 004 | 31-May-08 | 2.96 | 10 | Report |
| 004 | 30-Jun-08 | 3.60 | 10 | Report |
| 004 | 31-Jul-08 | 4.44 | 10 | Report |
| 004 | 31-Aug-08 | 4.01 | 10 | Report |
| 004 | 30-Sep-08 | 4.50 | 10 | Report |
| 004 | 31-Oct-08 | 5.53 | 10 | Report |
| 004 | 30-Nov-08 | 5.10 | 10 | Report |
| 004 | 31-Dec-08 | 3.86 | 10 | Report |

Source: DMR Loadings Tool and Facility Permit (FL DEP, 2004).

Feldspar Corporation in Spruce Pine, NC

The Feldspar Corporation is an industrial minerals processing facility. The facility produces feldspar, quartz, and mica. Outfall 001 discharges treated process wastewater to the North Toe River. The facility's treatment system includes clarifiers, polymer feed system, lime for pH adjustment, vacuum filters, and an Emico clarifier/thickener to outfall 001 (NC DWQ, 2006).

The facility discharges fluoride from outfall 001. Table 9-17 presents the monthly fluoride discharge data for Feldspar. The fluoride permit limits for the facility were 225 lb/day monthly average and 448 lb/day daily maximum when the facility was treating discharges from Unimum Corporation's Crystal Operation. However, once Unimum began directly discharging, Feldspar's fluoride limits were revised to 174 lb/day monthly average and 348 lb/day daily maximum (NC DWQ, 2006). It is unclear which limits applied in 2008. As shown in Table 9-17, the facility did not meet fluoride permit limits for at least part of 2008. The monthly average fluoride quantities discharged are above the original permit limit for January and February 2008 and above the revised permit limit for all of 2008. The daily maximum fluoride quantities are similarly above the original and revised daily maximum fluoride limits for 2008. This facility appears to be exceeding its mass-based permit fluoride limit.

Table 9-17. Outfall 001 Monthly Fluoride Discharge Data and Limits for Feldspar Corporation

| Monitoring Period Date | DMR Loadings Tool Daily Maximum Fluoride Quantity (lb/day) | DMR Loadings Tool Monthly Average Fluoride Quantity (lb/day) |
|-------------------------------|---|---|
| 31-Jan-08 | 539 | 221.6 |
| 29-Feb-08 | 623.9 | 237.9 |
| 31-Mar-08 | 443.7 | 222.1 |
| 30-Apr-08 | 433.5 | 211.2 |
| 31-May-08 | 366.9 | 167.2 |
| 30-Jun-08 | 426.4 | 217.0 |
| 31-Jul-08 | 376.6 | 181.4 |
| 31-Aug-08 | 430.4 | 216.5 |
| 30-Sep-08 | 407.2 | 186.2 |
| 31-Oct-08 | 445.9 | 220.1 |
| 30-Nov-08 | 381.5 | 158.3 |
| 31-Dec-08 | 385.3 | 139.7 |

Source: DMR Loadings Tool.

9.5.3 Fluoride Wastewater Treatment

EPA determined that the top fluoride discharging facilities have two-stage chemical precipitation with lime treatment systems. This process is similar to that at phosphatic fertilizer manufacturing facilities, which achieve fluoride concentrations of 15 mg/L or less (U.S. EPA, 1974). Current technologies are achieving fluoride concentrations at least as effective, sometimes achieving 2 mg/L effluent fluoride. The chemical precipitation has improved by using calcium chloride (CaCl₂) rather than lime, while solids separation has improved by using polymers and membrane filters (WC&E, 2006; Ionics, Unknown; GCIP, 2002).

9.6 Mineral Mining Category Ammonia as Nitrogen Discharges in DMR

As part of the 2010 annual review of the Mineral Mining Category, EPA reviewed ammonia as nitrogen (ammonia as N) discharges in the 2008 DMR database. Approximately 11 percent of the 2008 DMR TWPE is from discharges of ammonia as N. Table 9-18 presents the ammonia as N discharges from mineral mining facilities in the 2008 DMR database. Glen-Gery Corporation in Tully Township, OH, accounts for 99 percent of the ammonia as N discharges in the DMR 2008 database for the Mineral Mining Category. This subsection provides information on Glen-Gery's ammonia as N discharges.

Table 9-18. Mineral Mining Category Top Ammonia as Nitrogen Discharging Facilities in DMR 2008

| Facility Name | Location | Pounds of Ammonia as N Discharged | Ammonia as N TWPE | Percentage of Mineral Mining Category Ammonia as N DMR 2008 TWPE |
|--|--------------------|-----------------------------------|-------------------|--|
| Glen-Gery Corporation | Tully Township, OH | 9,900,000 | 11,000 | 99 |
| Remaining Mineral Mining Ammonia as N Dischargers ^a | NA | 24,400 | 27.2 | 1.3% |
| Total | | 10,030,000 | 11,100 | 100% |

Source: *DMRLoads2008_v2*.

a – There are 35 remaining mineral mining facilities that have ammonia as N discharges in *DMRLoads2008_v2* that account for approximately 1.3 percent of the Mineral Mining Category's 2008 ammonia as N TWPE.

NA – Not applicable.

Glen-Gery discharges ammonia as N through outfall 002. Table 9-19 presents Glen-Gery's 2008 quarterly ammonia as N and flow discharge data in the DMR Loadings Tool for outfall 002. EPA compared the concentration and flow data from the DMR Loadings Tool to the data in Envirofacts and determined that there is a unit of measurement error for the outfall 002 flows. The flows in the DMR Loadings Tool were 1,000,000 times higher than the data in Envirofacts, also presented in Table 9-19. Using the outfall 002 flows from Envirofacts, Glen-Gery's ammonia as N discharges are 6.31 pounds and 0.004 TWPE for 2008, reducing the facility's total TWPE by 99 percent. This reduction in TWPE decreases the Mineral Mining Category's 2008 DMR TWPE by 11,000 TWPE, and ammonia as N would no longer be a top pollutant of concern.

Table 9-19. Glen-Gery Corporation's 2008 Quarterly Ammonia as N and Flow Discharge Data

| Outfall | Monitoring Period Date | DMR Loadings Tool Maximum Sulfide Concentration (mg/L) | DMR Loadings Tool Average Flow (MGD) | Envirofacts Flow (MGD) |
|---------|------------------------|--|--------------------------------------|------------------------|
| 002 | 31-Mar-08 | 6.88 | 500 | 0.005 |
| 002 | 30-Jun-08 | 0.03 | 500 | 0.005 |
| 002 | 31-Aug-08 | 0.19 | 500 | 0.005 |
| 002 | 31-Dec-08 | 18.6 | 500 | 0.005 |

Source: DMR Loadings Tool and Envirofacts.

9.7 Mineral Mining Category Conclusions

Based on available data, the estimated toxicity of the Mineral Mining Category discharges in the screening-level databases result from sulfide, fluoride, and ammonia as N discharges. Data collected for the 2010 annual review demonstrated that wastewater discharge characteristics for this category are consistent with discharges from prior years. As in prior years, EPA makes the following conclusions:

- The 2008 sulfide discharge from U.S. Silica was restricted to a single month, and the facility has not reported any sulfide discharges since January 1, 2008. EPA does not consider this pollutant a concern at this time, but will review the discharges for sulfide as part of future annual reviews.
- The fluoride discharges in the Mineral Mining Category are from phosphate and feldspar mining facilities regulated by Subpart R – Phosphate Rock and Subpart AI – Feldspar (reserved), respectively. These facilities are also located in areas with naturally occurring fluoride compounds in the ore, Florida and North Carolina.
- The fluoride discharges from phosphate mines were misrepresented in the screening level databases:
 - The majority of the fluoride discharges from PCS Phosphates White Springs and PCS Phosphates White Springs (Jasper) represented surface water monitoring stations, not process wastewater outfalls. Excluding the fluoride discharges from these outfalls reduces the Mineral Mining Category’s fluoride TWPE by 8,010 TWPE. In addition, fluoride concentrations measured at these surface water outfalls were below the FL DEP water quality criteria for Class III predominately fresh surface water.
 - The US Agri-Chemicals’ operations do not meet the applicability of the Mineral Mining Category. The facility’s operations meet the applicability of the Fertilizer Manufacturing and/or Phosphate Manufacturing Categories. EPA will review the facility’s discharges in future annual reviews and will reassign this facility to the correct category.

As a result, EPA will collect additional data on fluoride discharges from mineral mining facilities for consideration during the 2011 annual review.

- Feldspar Corporation appears to be exceeding its mass based fluoride permit limits. Subpart AI – Feldspar of the Mineral Mining Category does not currently regulate fluoride discharges. Permit limit exceedances do not warrant the need for further regulation but rather better facility compliance. EPA will continue to monitor fluoride discharges from Feldspar Corporation.
- Database errors were identified for discharges of ammonia as N. After correcting these errors, the Mineral Mining Category TWPE from ammonia as N decreased by 99 percent, from 11,100 TWPE to 100 TWPE and does not represent a hazard priority.

Based on the above conclusions, EPA is assigning this category with a lower priority for revision (i.e., this category is marked with “(5)” in the “Findings” column in Table V-1 in the Federal Register notice that presents the 2009 annual review of existing effluent guidelines and pretreatment standards).

9.8 Mineral Mining Category References

1. FL DEP. 2003a. Florida Department of Environmental Protection. National Pollution Discharge System Permit NPDES – FL0036226 – PCS Phosphates White Springs. White Springs, FL. (May 27). EPA-HQ-OW-2004-0032-1169.
2. FL DEP. 2003b. Florida Department of Environmental Protection. National Pollution Discharge System Permit NPDES – FL0000665 – PCS Phosphates White Springs (Jasper). Jasper, FL. (May 27). EPA-HQ-OW-2008-0517 DCN 07283.
3. FL DEP. 2004. Florida Department of Environmental Protection. National Pollution Discharge System Permit NPDES – FL0001902 – U.S. Agri-Chemicals Corporation. Fort Meade, FL. (January 26). EPA-HQ-OW-2008-0517 DCN 07285.
4. GCIP. 2002. General Chemical Industrial Products. Chapter 14 – Wastewater and Water Treatment. Available online at: <http://www.genchem.com/calcium/NCh14.html>. Date accessed: July 27, 2006. EPA-HQ-OW-2004-0032-2606.
5. MDEQ. 2005. Michigan Dept of Environmental Quality. National Pollution Discharge Elimination System Permit NPDES – MI0001368 – U.S. Silica. Rockwood, MI. (October 1). EPA-HQ-OW-2008-0517 DCN 07287.
6. Ionics. Unknown. “The EnChem® Process for Fluoride Removal.” Wastewater Treatment for the Microelectronics Industry. Available online at: <http://www.iconics.com/pdf/TS4752EUS.pdf>. Date accessed: July 27, 2006. EPA-HQ-OW-2004-0032-2605.
7. NC DWQ. 2006. North Carolina Division of Water Quality. National Pollution Discharge Elimination System Permit NPDES – NC0000353 – Feldspar Corporation. Spruce Pine, NC. (August 31). EPA-HQ-OW-2008-0517 DCN 07289.
8. U.S. Census. 2002. U.S. Economic Census. Available online at: <http://www.census.gov/econ/census02>.
9. U.S. EPA. 1974. *Development Document for Effluent Limitations Guidelines and New Source Performance Standards for the Basic Fertilizer Chemicals Segment of the Fertilizer Manufacturing Point Source Category*. EPA-440/1-75/042-a. Washington, DC. (March).
10. U.S. EPA. 1976. *Development Document for Interim Final Effluent Limitations Guidelines and Standards of Performance for the Mineral Mining and Processing Industry*. EPA-440-1-76-059-a. Washington, DC. (June).
11. U.S. EPA. 2004. *Technical Support Document for the 2004 Effluent Guidelines Program Plan*. EPA-821-R-04-014. Washington, DC. (August). EPA-HQ-OW-2003-0074-1346 through 1352.

12. U.S. EPA. 2006. *Technical Support Document for the 2006 Effluent Guidelines Program Plan*. EPA-821R-06-018. Washington, DC. (December). EPA-HQ-OW-2004-0032-2782.
13. WC&E. 2006. Wastech Controls & Engineering, Inc. Fluoride Wastewater Treatment (FWT) (HF Neutralization or Fluoride Reduction. Available online at: <http://www.wastechengineering.com/papers/hf.htm>. Date accessed: July 27. EPA-HQ-OW-2004-0032-2604.

10. OIL & GAS EXTRACTION (40 CFR PART 435)

EPA selected the Oil and Gas Extraction (Oil and Gas) Category for preliminary review because it ranks high, in terms of TWPE, in point source category rankings (see Table 5-3 for the point source category rankings). This section summarizes the results of the 2010 annual review associated with the Oil and Gas Category. EPA focused on discharges of sulfide from one oil extraction facility, because of its high toxic-weighted pound equivalent (TWPE) relative to the other facilities in the Oil and Gas Category. EPA also reviewed stakeholder comments regarding hydraulic fracturing to retrieve shale gas (see Table 2-1). The Final 2006 Plan summarizes the results of EPA's previous review of this industry, specifically the coalbed methane (CBM) sector, in 2004 and 2005 (71 FR 76644). See Section 16.2 of this document for information on EPA's detailed study of the CBM sector.

10.1 Oil and Gas Category Background

This subsection provides the background on the Oil and Gas Category including a brief profile of the oil and gas industry and background on 40 CFR Part 435.

10.1.1 *Oil and Gas Industry Profile*

The oil and gas industry includes facilities that explore, drill, and produce oil or gas, along with the support operations. The exploration process consists of mapping, aerial photography, special surveys to find underground conditions favorable to oil or gas deposits, and exploratory drilling. The drilling process includes drilling to reach oil or gas reservoirs or to gain knowledge of geologic formations. The production includes separating the fluid fractions (e.g., gas from liquid, oil from water), treating the wastes, and further processing to improve the separations (U.S. EPA, 1976). EPA considered the following two North American Industry Classification System (NAICS) codes as part of the Oil and Gas Category.

- 211111: Crude Petroleum and Natural Gas Extraction; and
- 213112: Support Activities for Oil Gas Operations.

Because the Permit Compliance System (PCS) and Integrated Compliance Information System – National Pollutant Discharge Elimination System (ICIS-NPDES) data systems, the sources of the discharge monitoring report (DMR) data used to develop *DMRLoads2008*, report facilities by Standard Industrial Classification (SIC) code, and the U.S. Economic Census and Toxics Release Inventory (TRI) report data by NAICS code, EPA reclassified the 2008 DMR data by the equivalent NAICS code. Table 10-1 lists the number of facilities from the U.S. Census and the screening-level databases for the two NAICS codes with operations in the Oil and Gas Category, including the corresponding SIC codes for reference. Because the only facility listed in the 2008 TRI database for the Oil and Gas Category does not report water discharges, the remaining sections for this category review will focus on the data in the 2008 DMR database. The U.S. Economic Census includes more facilities than the screening-level databases because of many possible factors including: facilities may not meet TRI-reporting thresholds, facilities may discharge to a publicly owned treatment works (POTW), and some facilities in the U.S. Economic Census are distributors or sales facilities, not manufacturers.

Table 10-1. Number of Oil and Gas Facilities

| NAICS Code | Corresponding SIC Code | Number of Facilities | | |
|--|--|---------------------------|--------------------------------|--------------------------------|
| | | 2002 U.S. Economic Census | 2008 DMR Database ^a | 2008 TRI Database ^b |
| 211111 Crude Petroleum and Natural Gas Extraction | 1311: Crude Petroleum and Natural Gas | 7,227 | 2,899 | 0 |
| 213112 Support Activities for Oil and Gas Operations | 1381: Drilling Oil and Gas Wells; 1382: Oil and Gas Field Exploration; 1389: Oil and Field Services, NEC; 4925: Mixed, Manufactured, or Liquid Gas Production | 6,367 | 407 | 1 ^c |
| Total | | >13,594 | 3,306 | 1 |

Source: U.S. Economic Census, 2002 (U.S. Census, 2002); *DMRLoads2008_v2*; and *TRIRelases2008_v3*.

a – Major and minor dischargers. Also, DMR data are reported by SIC code; therefore EPA used an NAICS-to-SIC-code crosswalk for comparison purposes.

b – Releases to any media.

c – Note this facility did not report water discharges in 2008.

Table 6-2 shows whether permitting authorities designated direct discharges as minor or major (see Section 4.1.5) for facilities in the Oil and Gas Category. EPA included data for minor discharges for the first time in the 2010 annual review, as part of *DMRLoads2008_v2* database. EPA does not require permitting authorities to submit DMR data for minor discharges; however, many states do provide complete DMR data for them. From this year's review, EPA observed many data entry or other errors for minor discharges in addition to those previously identified for major discharges, as discussed in Section 4.3. Table 10-2 shows that more than 99 percent of the Oil and Gas Category dischargers in the 2008 DMR database are minor dischargers. Table 10-3 shows the number of facilities with and without discharge data in the 2004, 2007, and 2008 DMR databases.

Table 10-2. Number of Oil and Gas Facilities by Discharge Type in DMR 2008

| NAICS Code ^a | Number of Facilities in 2008 DMR Database | | |
|--|---|-------------------|-------------------|
| | Major Dischargers | Major Dischargers | Major Dischargers |
| 211111 Crude Petroleum and Natural Gas Extraction | 8 | 2,891 | 2,899 |
| 213112 Support Activities for Oil and Gas Operations | 1 | 406 | 407 |
| Total | 9 | 3,297 | 3,306 |

Source: *DMRLoads2008_v2*.

a – DMR data is reported by SIC code; therefore EPA used an NAICS to SIC crosswalk for comparison purposes.

Table 10-3. Number of Oil and Gas Facilities in DMR Databases for Reporting Years 2004, 2007, and 2008 ^a

| Discharge Status | 2004 | 2007 | 2008 |
|---|------------|--------------|--------------|
| With Water Discharge Data ^b | 3 | 5 | 135 |
| Without Water Discharge Data ^c | 291 | 1,569 | 3,171 |
| Total | 294 | 1,574 | 3,306 |

Source: *PCSLoads2004_v3*; *DMRLoads2007_v4*; and *DMRLoads2008_v2*.

a – Major and minor dischargers.

b – Includes facilities with DMR data in the DMR databases.

c – Includes facilities with NPDES permits without DMR data in the DMR databases.

10.1.2 40 CFR Part 435

EPA first promulgated effluent limitation guidelines and standards (ELGs) for the Oil and Gas Category (40 CFR Part 435) on April 13, 1979 (40 FR 22069). Best available technology (BAT), best current technology (BCT), and new source performance standards (NSPS) limitations were promulgated on March 4, 1993 (58 FR 12454) for Subpart A: Offshore Subcategory and on December 16, 1996 (61 FR 66086) for Subpart D: Coastal Subcategory. Table 10-4 lists the existing subcategories for the Oil and Gas Category and describes their applicability. Subpart B is reserved.

Table 10-4. Subcategories in the Oil and Gas Category

| Subpart | Title | Description |
|---------|-------------------------------------|---|
| A | Offshore | Applicable to facilities engaged in field exploration, drilling, well production, and well treatment that are located in waters that are offshore. Offshore is defined as seaward of the inner boundary of the territorial seas. |
| C | Onshore | Applicable to facilities engaged in field exploration, drilling, well completion, and well treatment that are located onshore. Onshore is defined as landward of the inner boundary of the territorial seas. |
| D | Coastal | Applicable to facilities engaged in field exploration, drilling, well production, and well treatment that are located in coastal waters. Coastal is defined as landward of the inner boundary of the territorial seas or landward of the inner boundary of the territorial seas and bounded on the inland side by the line defined by the inner boundary of the territorial seas. |
| E | Agricultural and Wildlife Water Use | Applicable to onshore facilities engaged in field exploration, drilling, well completion, and well treatment that are located in the United States west of the 98th meridian for which the produced water has a use in agriculture or wildlife propagation when discharged to navigable waters. |
| F | Stripper ^a | Applicable to onshore facilities engaged in production and well treatment that produce 10 barrels per well per calendar day or less of crude oil and are operating at the maximum feasible rate of production. |
| G | General Provisions ^a | Prevents oil and gas facilities applicable to 40 CFR Part 435 Subparts A through F from circumventing the ELGs by moving effluent discharges from one subcategory to another for disposal under less stringent requirements. |

Source: *Development Document for Interim Final Effluent Limitations Guidelines and Proposed New Source Performance Standards for the Oil and Gas Extraction Point Source Category* (U.S. EPA, 1976).

a – No pollutants are regulated in Subparts F or G.

10.2 Oil and Gas Category 2010 Screening-Level Review

Table 10-5 compares the screening-level database results for the Oil and Gas Category from the 2006 through 2010 annual reviews. The combined DMR and TRI TWPE increased from discharge years 2007 to 2008. The estimated 2008 DMR TWPE dominates the estimated 2008 category TWPE because no facilities reported water discharges to TRI in 2008, similar to 2007.

Table 10-5. Oil and Gas Category TRI and DMR Discharges for the 2006 through 2010 Screening-Level Reviews

| Year of Discharge | Year of Review | Oil and Gas Category | | |
|-------------------|----------------|----------------------|-----------------------|------------|
| | | TRI TWPE | DMR TWPE ^a | Total TWPE |
| 2002 | 2006 | 700 | 1.18 | 701 |
| 2004 | 2007 | 596 | 17.8 | 614 |
| 2005 | 2008 | 802 | NA | NA |
| 2007 | 2009 | NR | 255 | 255 |
| 2008 | 2010 | NR | 189,000 | 189,000 |

Source: *TRIRelases2002_v4*; *PCSLoads2002_v4*; *TRIRelases2004_v3*; *PCSLoads2004_v3*; *TRIRelases2005_v2*; *TRIRelases2007_v2*; *DMRLoads2007_v4*; *TRIRelases2008_v3*; and *DMRLoads2008_v2*.

a – DMR data from 2002 through 2007 include only major dischargers. DMR 2008 data include both minor and major dischargers.

NA – Not applicable. EPA did not evaluate DMR data for 2005.

NR – Not Reported. No facilities reported water discharges to TRI for reporting years 2007 and 2008.

Table 10-6 presents the 2008 DMR TWPE by facility discharge classification. EPA excluded minor dischargers from previous annual reviews, but included them in the 2010 annual review. The majority (over 99 percent) of the TWPE in the 2008 DMR database results from minor dischargers.

Table 10-6. Oil and Gas Category 2008 DMR TWPE by Discharge Classification

| Year of Discharge ^a | TWPE from Minor Dischargers | TWPE from Major Dischargers |
|--------------------------------|-----------------------------|-----------------------------|
| 2008 | 189,000 | 36.1 |

Source: *DMRLoads2008_v2*.

a – Data for previous years of discharge are not included because EPA excluded minor dischargers from previous annual reviews.

10.3 Oil and Gas Pollutants of Concern

Table 10-7 lists the five pollutants with the highest TWPE in DMR data from reporting years 2008, 2007, and 2004 (*DMRLoads2008_v2*, *DMRLoads2007_v3*, and *PCSLoads2004_v4*). EPA is not presenting the top pollutants for the TRI databases because no facilities reported water discharges to TRI in 2007 or 2008.

Table 10-7. Oil and Gas Category Top DMR Pollutants

| Pollutant | 2004 DMR Database ^a | | | 2007 DMR Database ^a | | | 2008 DMR Database ^b | | |
|-----------------------------------|---|--|-------------|---|--|------------|---|--|----------------|
| | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE |
| Sulfide | Pollutants not reported in the top five 2004 DMR reported pollutants. | | | Pollutants not reported in the top five 2007 DMR reported pollutants. | | | 1 | 3 | 170,000 |
| Aluminum | | | | | | | 2 | 2 | 7,550 |
| Chloride | | | | | | | 3 | 12 | 7,340 |
| Fluoride | | | | | | | 4 | 2 | 2,250 |
| Cyanide | | | | | | | 5 | 2 | 871 |
| Arsenic | | | | 1 | 1 | 86.2 | Pollutants not reported in the top five 2008 DMR reported pollutants. | | |
| Lead | 4 | 1 | 0.073 | 2 | 4 | 60.8 | | | |
| Copper | 5 | 1 | 0.069 | 3 | 3 | 49.0 | | | |
| Silver | Pollutant not reported in the top five 2004 DMR reported pollutants. | | | 4 | 1 | 31.7 | | | |
| Chlorine | 1 | 1 | 11.2 | 5 | 1 | 24.6 | | | |
| Zinc | 2 | 1 | 4.91 | Pollutants not reported in the top five 2007 DMR reported pollutants. | | | | | |
| Sulfide | 3 | 1 | 1.61 | | | | | | |
| Oil and Gas Category Total | NA | 2 ^c | 17.8 | NA | 5 ^c | 256 | NA | 52 ^c | 189,000 |

Source: PCSLoads2004_v4; DMRLoads2007_v3; and DMRLoads2008_v2.

a – 2004 and 2007 DMR data include only major dischargers.

b – 2008 DMR data include major and minor dischargers.

c – Number of facilities reporting TWPE greater than zero.

NA – Not applicable.

Sulfide is the top DMR-reported pollutant in 2008, contributing approximately 90 percent of the total category TWPE for 2008. EPA’s additional review for sulfide is presented in the following subsection. EPA did not investigate the other top pollutants as part of the 2010 annual review because the remaining TWPE is such a small percentage (10 percent) of the 2008 Oil and Gas Category combined DMR and TRI TWPE.

10.4 Oil and Gas Category Sulfide Discharges in DMR

The 2010 annual review of the Oil and Gas Category focused on sulfide discharges in the 2008 DMR database. Table 10-8 presents the three facilities that report sulfide discharges in the 2008 DMR database. The majority (99 percent) of the sulfide discharges in 2008 were from Marathon Oil Maverick Springs in Fremont County, WY. EPA did not review discharges from the other two facilities because they account for only 1 percent of the remaining 2008 Oil and Gas Category’s sulfide TWPE.

Sulfide may be generated during the stripping process to remove hydrogen sulfide (H₂S), which can be naturally occurring in small amounts in crude petroleum. These trace amounts can make the petroleum extremely toxic and corrosive, which is referred to as “sour crude”. The sour crude must be “sweetened” to protect personnel, mitigate corrosion, and meet sale specifications (Manning and Thompson, 1995).

Removing the H₂S is usually achieved by stripping with cold or hot natural gas. Because the H₂S is volatile, the compound accompanies the vapor in a gas-oil separation. Due to the extremely toxic characteristics of H₂S, the resulting overhead gas cannot be vented. Therefore, water is usually used to strip the gas of H₂S. This process will produce sour water. In water, H₂S can form a weak acid made of two ions HS⁻ and S²⁻ (Manning and Thompson, 1995). This stripping process could result in the discharge of sulfide from this facility.

Table 10-8. Oil and Gas Category Top Sulfide Discharging Facilities in the 2008 DMR Database

| Facility Name | Facility Location | 2008 | | |
|-------------------------------|--------------------|------------------------------|----------------|--|
| | | Pounds of Sulfide Discharged | Sulfide TWPE | Percentage of Oil and Gas Category Sulfide 2008 DMR TWPE |
| Marathon Oil Maverick Springs | Fremont County, WY | 60,600 | 169,800 | 99% |
| Soap Creek Oil Field | St. Xavier, MT | 107 | 300 | < 1% |
| Petro Gas Liquids Processing | Corpus Chrisi, TX | 5.79 | 16 | < 1% |
| Total | | 60,700 | 170,000 | 100% |

Source: *DMRLoads2008_v2*.

Marathon Oil Maverick Springs

The Marathon Oil Maverick Springs facility, located in Fremont County, WY, is a crude-oil refiner. The facility is within the exterior boundaries of the Wind River Indian Reservation. The facility fact sheet indicates that the limits were developed based on Subparts C and E of the Oil and Gas Category (WDEQ, 2007b). Table 10-9 presents the sulfide concentration data for Marathon Oil Maverick Springs.

Table 10-9. Marathon Oil Maverick Springs 2008 Sulfide Discharge Data

| Outfall | Monitoring Period Date | NODI Code ^a | Maximum Concentration (mg/L) | Flow (MGD) |
|---------|------------------------|------------------------|------------------------------|------------|
| 001 | 30-June-07 | C | | NR |
| 001 | 31-Dec-07 | | 9.76 | 1.645 |
| 001 | 30-June-08 | C | | 1.633 |
| 001 | 31-Dec-08 | | 24 | 1.645 |
| 001 | 30-June-09 | | 25 | 1.598 |
| 001 | 31-Dec-09 | | 8 | 1.576 |

Note: The 2007 and 2009 discharge data are from EPA's Envirofacts.

NR – Flow not reported

a – No discharge occurred for the monitoring period

ERG contacted Marathon Oil Maverick Springs to verify the sulfide discharges for 2008. Marathon Oil Maverick Springs confirmed the 2008 sulfide concentrations and flows for outfall 001, a stormwater discharge from the facility. Marathon Oil Maverick Springs also confirmed that the permit does not specify a limit for sulfide (Taylor, 2010).

According to the 2007 Statement of Basis, the Marathon Oil Maverick Springs' permit authorizes the discharge of treated wastewater at the oil production facility. Produced oil, water, and gas are separated in tanks by gravity, heat, and emulsion breaking chemicals. Water is discharged through settling ponds where the remaining oil is removed by floatation and skimming prior to discharge to a tributary to Five Mile Creek. The discharge provides wildlife and stock watering opportunities. In addition, aquatic communities have developed in this ephemeral drainage, which are dependent upon the flow of this produced water (WDEQ, 2007a).

The effluent guidelines and the facility permit do not list sulfide as a regulated pollutant. However, the permit includes effluent monitoring requirements for sulfide. Sulfide is required to be monitored semi-annually.

10.5 Oil and Gas Category Conclusions

The estimated toxicity of the Oil and Gas Category discharges results mainly from the sulfide discharges of one oil extraction plant (accounting for 99 percent of the category's 2008 TWPE). EPA does not believe that Marathon Oil's sulfide discharges are representative of the Oil and Gas Category. Without Marathon Oil's sulfide discharges, the Oil and Gas TWPE is not a concern. Therefore, EPA concludes the following:

- The sulfide discharges in the 2008 DMR database for Marathon Oil Maverick Springs were verified and do not appear to be erroneous. This facility's sulfide discharges are not consistent with sulfide discharges from other facilities in the category. As a result, Marathon Oil's sulfide discharges are best controlled by its individual permit.

EPA prioritizes point source categories with existing regulations for potential revision based on the greatest estimated toxicity to human health and the environment, measured as TWPE. Based on the above conclusions, EPA is assigning this category with a lower priority for revision (i.e., this category is marked with "(2)" in the "Findings" column in Table V-1 in the Federal Register notice that presents the 2010 annual review of existing ELGs).

10.6 Oil and Gas Category References

1. Manning, Francis and Thompson, Richard 1995. *Oilfield Processing of Petroleum: Crude Oil*. Penn Well Publishing Company. EPA-HQ-OW-2008-0517 DCN 07310.
2. Taylor, Linda. 2010. Telephone conversation with Linda Taylor, Marathon Oil Maverick Springs, and Elizabeth Sabol, Eastern Research Group, Inc. “Sulfide Discharges Reported to DMR in 2008.” (June 3). EPA-HQ-OW-2008-0517 DCN 07307.
3. WDEQ. 2007a. Wyoming Department of Environmental Quality. State of Wyoming National Pollutant Discharge Elimination System Permit NPDES WY0000779 – Marathon Oil Maverick Springs. Fremont County, WY. (November) EPA-HQ-OW-2008-0517 DCN 07291.
4. WDEQ. 2007b. Wyoming Department of Environmental Quality. State of Wyoming National Pollutant Discharge Elimination System Statement of Basis NPDES WY0000779 – Marathon Oil Maverick Springs. Fremont County, WY. (June) EPA-HQ-OW-2008-0517 DCN 07292.
5. U.S. Census. 2002. U.S. Economic Census. Available online at: <http://www.census.gov/econ/census02>.
6. U.S. EPA. 1976. *Development Document for Interim Final Effluent Limitations Guidelines and Proposed New Source Performance Standards for the Oil and Gas Extraction Point Source Category*. EPA-440/1-76-055-a. Washington, DC. (September).
7. U.S. EPA. 2006. *Technical Support Document for the 2006 Effluent Guidelines Program Plan*. EPA-821R-06-018. Washington, DC. (December). EPA-HQ-OW-2004-0032-2782.

11. ORE MINING AND DRESSING (40 CFR PART 440)

As discussed in the 2008 Final Plan, EPA conducted a preliminary study of facilities covered under 40 CFR Part 440, the Ore Mining and Dressing (Ore Mining) Category to examine why toxic-weighted pollutant discharges by the ore mining industry ranked relatively high compared to other industries in the 2002 through 2008 annual reviews. The purpose of the study was to identify, collect, and review readily available existing data and information on toxic pollutants in wastewater discharges to determine whether additional analysis or revision of 40 CFR Part 440 might be warranted to better control toxic discharges.

The preliminary study focused on active ore mines covered under 40 CFR Part 440 Subpart J: Copper, Lead, Zinc, Gold, Silver, and Molybdenum Ores. These types of mines comprise approximately 76 percent (263 ore mines) of the approximately 345 ore mines in the United States. Inactive ore mines were not included as they are not covered by the effluent guidelines.

Approximately 294 ore mines currently have National Pollutant Discharge Elimination System (NPDES) wastewater discharge permits. There is a difference between the total number of ore mines and the number with NPDES permits because not all ore mines have wastewater discharges. The approximately 1,870 placer mines, covered under 40 CFR Part 440 Subpart M, were not examined in this study because they employ mining practices and wastewater streams that are fundamentally different from mines covered under the other subparts of 40 CFR Part 440.

The preliminary study examined information pertaining to the two types of wastewater discharged by ore mines: process wastewater (including mine drainage) and stormwater. Process wastewater is covered under 40 CFR Part 440. Stormwater is not covered under 40 CFR Part 440 unless it is commingled with process wastewater prior to discharge to a surface waterbody.

The study was limited by incomplete national-level process wastewater discharge data, and the lack of any nationally representative stormwater data for the ore mines of interest. EPA did review available ore mine-specific process wastewater discharge information, available Total Maximum Daily Load (TMDL) reports, information for ore mine site stormwater discharges, and an industrial wastewater treatment technology, known as high density sludge recycling, which was identified during the course of the study.

Based on EPA's review of toxic pollutant data, EPA found that in 2007, the most recent year for which quality-checked data are available, approximately only two percent of ore mining facilities were responsible for approximately 90 percent of toxic weighted discharges by the ore mining industry for toxic pollutants.

Given that only a small percentage of active ore mines account for the majority of toxic weighted discharges, this can best be addressed through permitting, compliance, and enforcement activities for the specific ore mining sources, rather than by revision of 40 CFR Part 440.

While the available toxic pollutant data does not suggest that EPA revisit the ELGs for ore mining and dressing (40 CFR Part 440) at this time, the Agency currently remains concerned about many other types of mining-related water quality impairments. EPA has a number of

activities that address discharges of pollutants from mines including: guidance on protective levels of conductivity for aquatic life in streams affected by mine discharges; plans to revise the water quality criteria for selenium; increased attention on compliance with, and enforcement of, individual permit limits; improved permitting guidance; and more stringent discharge monitoring requirements in permits.

The Ore Mining Preliminary Study Report (U.S. EPA, 2010) is being issued concurrent with the publication of the final 2010 Plan.

11.1 Ore Mining and Dressing Category References

1. U.S. EPA. 2010. *Ore Mining and Dressing Preliminary Study Report*. EPA-821-R-08-012. Washington, DC. (December). EPA-HQ-OW-2008-0517 DCN 07369.

12. ORGANIC CHEMICALS, PLASTICS, AND SYNTHETIC FIBERS (40 CFR PART 414)

EPA selected the Organic Chemicals, Plastics, and Synthetic Fibers (OCPSF) Category for preliminary review because it continues to rank high, in terms of toxic-weighted pound equivalent (TWPE), in point source category rankings (see Table 5-3 for the point source category rankings). This industry was reviewed previously in each of EPA's Preliminary and Final Effluent Guidelines Program Plans from 2004 to 2009 (U.S. EPA, 2004; U.S. EPA, 2005a; U.S. EPA, 2006; U.S. EPA, 2007; U.S. EPA, 2008, U.S. EPA, 2009). This section summarizes the results of the 2010 annual review associated with the OCPSF Category. EPA focused on discharges of hexachlorobenzene, metals, chlorine, and polycyclic aromatic compounds (PACs), because of their high TWPE relative to other pollutants in the OCPSF Category.

EPA is currently reviewing discharges from the Chlorinated Hydrocarbon Manufacturing Segment of the OCPSF Category as part of the Chlorine and Chlorinated Hydrocarbons (CCH) effluent guidelines rulemaking. Because a rulemaking for this segment of the OCPSF Category is underway, EPA excluded discharges from these facilities from further consideration in this review (see Table V-1, 70 FR 61335, October 30, 2007).

12.1 OCPSF Category Background

This subsection provides the background on the OCPSF Category including a brief profile of the OCPSF industry and background on 40 CFR Part 414.

12.1.1 OCPSF Industry Profile

The OCPSF industry includes many chemical industries producing a wide variety of end products, such as polypropylene, vinyl chloride and polyvinyl chloride (PVC), chlorinated solvents, rubber precursors, styrofoam additives, and polyester. Some OCPSF facilities are extremely complex and produce hundreds of chemicals, while others are simpler, producing one or two end products. EPA considered the following 22 North American Industry Classification System (NAICS) codes as part of the OCPSF Category:

- 311999OCPSF: All Other Miscellaneous Food Manufacturing;
- 324199OCPSF: All Other Petroleum and Coal Products Manufacturing;
- 325110: Petrochemical Manufacturing;
- 325120OCPSF: Industrial Gas Manufacturing;
- 325132: Synthetic Organic Dye and Pigment Manufacturing;
- 325188OCPSF: All Other Basic Inorganic Chemical Manufacturing;
- 325192: Cyclic Crude and Intermediate Manufacturing;
- 325193: Ethyl Alcohol Manufacturing;
- 325199: All Other Basic Organic Chemical Manufacturing;
- 325211: Plastics Material and Resin Manufacturing;
- 325221: Cellulosic Organic Fiber Manufacturing;
- 325222: Noncellulosic Organic Fiber Manufacturing;
- 325510OCPSF: Paint and Coating Manufacturing;
- 325520: Adhesive Manufacturing;
- 325611OCPSF: Soap and Other Detergent Manufacturing;
- 325612: Polish and Other Sanitation Good Manufacturing;
- 325620: Toilet Preparation Manufacturing;

- 325998: All Other Miscellaneous Chemical Product and Preparation Manufacturing;
- 326199OCPSF: All Other Plastics Product Manufacturing;
- 339999OCPSF: All Other Miscellaneous Manufacturing;
- 424690: Other Chemical and Allied Products Merchant Wholesalers; and
- 562920: Materials Recovery Facilities.

Wastewater generated by facilities in NAICS codes 311999, 324199, 325120, 325188, 325510, 325611, 326199, 339999 may be regulated under multiple categories. For example, most facilities in NAICS code 324199 are grouped under the Petroleum Refining Effluent Limitation Guidelines and Standards (ELGs). EPA reviewed available information about pollutant loads and manufacturing operations for facilities reporting these NAICS codes. EPA assigned the extension “OCPSF” to the end of the NAICS codes of facilities that most likely fall under the applicability of the OCPSF ELGs (40 CFR Part 414).

This list of Standard Industrial Classification (SIC) codes includes facilities that EPA determined are potential new subcategories of the OCPSF Category. As part of the 2004 annual review, EPA reviewed industries with SIC codes not clearly subject to existing ELGs. EPA concluded that the processes, operations, wastewaters, and pollutants of facilities in the eight SIC codes are similar to those of the OCPSF Category (U.S. EPA, 2004):¹⁸

- 2821: Plastics Materials, Synthetic and Resins, and Nonvulcanizable Elastomers;
- 2824: Manmade Organic Fibers, Except Cellulosic;
- 2842: Specialty Cleaning, Polishing, and Sanitation Preparations;
- 2844: Perfumes, Cosmetics, and Other Toilet Preparations (except toothpaste, gel, and dentifrice powders);
- 2869: Industrial Organic Chemicals, NEC (cyclopropane, diethylcyclohexane, naphthalene sulfonic acid);
- 2891: Adhesives and Sealants;
- 2899: Chemicals and Chemical Preparations, NEC (table salt); and
- 5169: Chemicals and Allied Products, NEC (merchant wholesalers).

As part of the 2009 annual review, EPA reclassified these SIC codes as equivalent NAICS codes for use with the U.S. Economic Census and Toxics Release Inventory (TRI) data that are reported by NAICS code (U.S. EPA, 2009). However, there is not a direct relationship between one SIC and one NAICS code. As a result, EPA included the following NAICS codes in the 2010 annual review of the OCPSF Category because they contain facilities with operations that are similar to the SIC codes above:

- 311999OCPSF: All Other Miscellaneous Food Manufacturing;
- 325188OCPSF: All Other Basic Inorganic Chemical Manufacturing;
- 325199: All Other Basic Organic Chemical Manufacturing;
- 325222: Noncellulosic Organic Fiber Manufacturing;

¹⁸ The tables in this section include discharge information from facilities reporting these SIC codes and the corresponding NAICS codes; however, these facilities contribute negligible amounts of TWPE. Consistent with the conclusions drawn during the 2004 detailed study (U.S. EPA, 2004) and 2006 review (U.S. EPA, 2006), EPA found that large numbers of these facilities discharge no wastewater and only a small number of facilities discharge TWPE greater than zero.

- 325510OCPSF: Paint and Coating Manufacturing;
- 325520: Adhesive Manufacturing;
- 325611OCPSF: Soap and Other Detergent Manufacturing;
- 325620: Toilet Preparation Manufacturing;
- 325998: All Other Miscellaneous Chemical Product and Preparation Manufacturing;
- 326199OCPSF: All Other Plastics Product Manufacturing;
- 339999OCPSF: All Other Miscellaneous Manufacturing; and
- 424690: Other Chemical and Allied Products Merchant Wholesalers.

Because the Permit Compliance System (PCS) and Integrated Compliance Information System – National Pollutant Discharge Elimination System (ICIS-NPDES) data systems, the sources of the discharge monitoring report (DMR) data used to develop *DMRLoads2008*, report facilities by SIC code and the U.S. Economic Census and TRI report data by NAICS code, EPA reclassified the 2008 DMR data by the equivalent NAICS code. Table 12-1 lists the number of facilities from the U.S. Economic Census and the screening-level databases for the 22 NAICS codes with operations in the OCPSF Category the corresponding SIC codes are included for reference. The U.S. Economic Census includes more facilities than the screening-level databases because of many possible factors including: facilities may not meet TRI-reporting thresholds, facilities may discharge to a publicly owned treatment works (POTW), and some facilities in the U.S. Economic Census are distributors or sales facilities, not manufacturers.

Table 12-1. Number of OCPSF Facilities

| NAICS Code | SIC Code | Number of Facilities | | |
|--|--|---------------------------|--------------------------------|--------------------------------|
| | | 2002 U.S. Economic Census | 2008 DMR Database ^a | 2008 TRI Database ^b |
| 311999OCPSF: All Other Miscellaneous Food Manufacturing | 2821:Plastics Materials, Synthetic and Resins, and Nonvulcanizable Elastomers 2824:Manmade Organic Fibers, Except Cellulosic 2842: Specialty Cleaning, Polishing, and Sanitation Preparations 2844: Perfumes, Cosmetics, and Other Toilet Preparations (toothpaste, gel, and dentifrice powders) 2865: Cyclic Organic Crudes and Intermediates and Organic Dyes and Pigments (except aromatics and organic | NA | 929 | 2 |
| 324199OCPSF: All Other Petroleum and Coal Products Manufacturing | | NA | | 1 |
| 325110: Petrochemical Manufacturing | | 56 | | 67 |
| 325120OCPSF: Industrial Gas Manufacturing | | NA | | 2 |
| 325132: Synthetic Organic Dye and Pigment Manufacturing | | 123 | | 32 |
| 325188OCPSF: All Other Basic Inorganic Chemical Manufacturing | | NA | | 1 |
| 325192: Cyclic Crude and Intermediate Manufacturing | | 37 | | 20 |
| 325193: Ethyl Alcohol Manufacturing | | 72 | | 153 |
| 325199: All Other Basic Organic Chemical Manufacturing | | 685 | | 379 |
| 325211: Plastics Material and Resin Manufacturing | | 690 | | 348 |
| 325222: Noncellulosic Organic Fiber Manufacturing | | 95 | | 25 |

Table 12-1. Number of OCPSF Facilities

| NAICS Code | SIC Code | Number of Facilities | | |
|--|---|---------------------------|--------------------------------|--------------------------------|
| | | 2002 U.S. Economic Census | 2008 DMR Database ^a | 2008 TRI Database ^b |
| 325510OCPSF: Paint and Coating Manufacturing | dyes and pigments) | NA | | 7 |
| 325520: Adhesive Manufacturing | 2869: Industrial Organic Chemicals, NEC (fluorocarbon gases); | 595 | | 151 |
| 325611OCPSF: Soap and Other Detergent Manufacturing | 891: Adhesives and Sealants | NA | | 12 |
| 325612: Polish and Other Sanitation Good Manufacturing | 2899: Chemicals and Chemical Preparations, NEC (table salt) | 604 | | 84 |
| 325620: Toilet Preparation Manufacturing | | 867 | | 26 |
| 325998: All Other Miscellaneous Chemical Product and Preparation Manufacturing | | 1,188 | | 311 |
| 326199OCPSF: All Other Plastics Product Manufacturing | | NA | | 3 |
| 339999OCPSF: All Other Miscellaneous Manufacturing | | NA | | 2 |
| 562920: Materials Recovery Facilities | | 947 | | 32 |
| 424690: Other Chemical and Allied Products Merchant Wholesalers | 5169: Chemicals and Allied Products, NEC (merchant wholesalers) | 11,158 | 94 | 443 |
| 325221: Cellulosic Organic Fiber Manufacturing | 2823: Cellulosic Manmade Fibers | 8 | 4 | 4 |
| Total | | > 17,125 | 1,027 | 2,105 |

Source: U.S. Economic Census, 2002 (U.S. Census, 2002); *TRIReleases2007_v2*; and *DMRLoads2007_v2*.

a – Major and minor dischargers. Also, DMR data are reported by SIC code; therefore, EPA used an NAICS to SIC crosswalk for comparison purposes.

b – Releases to any media.

NA – Not applicable.

Table 9-2 shows whether permitting authorities designated direct dischargers as minor or major (see Section 4.1.5) for facilities in the OCSPF Category. EPA included data for minor dischargers for the first time in the 2010 annual review, as part of *DMRLoads2008_v2* database. EPA does not require permitting authorities to submit DMR data for minor dischargers; however, many states do provide complete DMR data for them. From this year's review, EPA observed many data entry or other errors for minor dischargers in addition to those previously identified for major dischargers, as discussed in Section 4.3. Table 12-2 shows that approximately 78 percent of the OCPSF Category dischargers in the 2008 DMR database are minor dischargers.

Table 12-2. Number of OCPSF Facilities by Discharge Classification in 2008 DMR Database

| NAICS Code ^a | Number of Facilities in 2008 DMR | | |
|---|----------------------------------|-------------------|-----------------|
| | Major Dischargers | Minor Dischargers | All Dischargers |
| 311999OCPSF All Other Miscellaneous Food Manufacturing | | | |
| 324199OCPSF All Other Petroleum and Coal Products Manufacturing | | | |
| 325110 Petrochemical Manufacturing | | | |
| 325120OCPSF Industrial Gas Manufacturing | | | |
| 325132 Synthetic Organic Dye and Pigment Manufacturing | | | |
| 325188OCPSF All Other Basic Inorganic Chemical Manufacturing | | | |
| 325192 Cyclic Crude and Intermediate Manufacturing | | | |
| 325193 Ethyl Alcohol Manufacturing | | | |
| 325199 All Other Basic Organic Chemical Manufacturing | | | |
| 325211 Plastics Material and Resin Manufacturing | | | |
| 325222 Noncellulosic Organic Fiber Manufacturing | | | |
| 325510OCPSF Paint and Coating Manufacturing | | | |
| 325520 Adhesive Manufacturing | | | |
| 325611OCPSF Soap and Other Detergent Manufacturing | | | |
| 325612 Polish and Other Sanitation Good Manufacturing | | | |
| 325620 Toilet Preparation Manufacturing | | | |
| 325998 All Other Miscellaneous Chemical Product and Preparation Manufacturing | | | |
| 326199OCPSF All Other Plastics Product Manufacturing | | | |
| 339999OCPSF All Other Miscellaneous Manufacturing | | | |
| 562920 Materials Recovery Facilities | 219 | 710 | 929 |
| 424690 Other Chemical and Allied Products Merchant Wholesalers | 2 | 92 | 94 |
| 325221 Cellulosic Organic Fiber Manufacturing | 2 | 2 | 4 |
| Total | 223 | 804 | 1,027 |

Source: *DMRLoads2008_v2*.

a – DMR data is reported by SIC code; therefore EPA used an NAICS-to-SIC-code crosswalk for comparison purposes.

Table 12-3 presents the type of discharges reported by facilities in the 2008 TRI database. The majority of OCPSF facilities reporting to TRI do not report water discharges, but those that do mostly reported discharging indirectly.

Table 12-3. Number of OCPSF Facilities by Type of Discharger in TRI 2008

| NAICS Code | Number of Facilities in TRI 2008 Database | | | |
|--|---|---------------------------|--------------------------|---------------------|
| | Direct Dischargers Only | Indirect Dischargers Only | Both Indirect and Direct | No Water Discharges |
| 311999OCPSF: All Other Miscellaneous Food Manufacturing | 0 | 2 | 0 | 0 |
| 324199OCPSF: All Other Petroleum and Coal Products Manufacturing | 0 | 0 | 1 | 0 |
| 325110: Petrochemical Manufacturing | 30 | 15 | 1 | 21 |
| 325120OCPSF: Industrial Gas Manufacturing | 1 | 0 | 0 | 1 |
| 325132: Synthetic Organic Dye and Pigment Manufacturing | 3 | 18 | 0 | 11 |
| 325188OCPSF: All Other Basic Inorganic Chemical Manufacturing | 0 | 1 | 0 | 0 |
| 325192: Cyclic Crude and Intermediate Manufacturing | 9 | 4 | 2 | 5 |
| 325193: Ethyl Alcohol Manufacturing | 4 | 6 | 1 | 142 |
| 325199: All Other Basic Organic Chemical Manufacturing | 73 | 126 | 17 | 163 |
| 325211: Plastics Material and Resin Manufacturing | 61 | 80 | 23 | 184 |
| 325222: Noncellulosic Organic Fiber Manufacturing | 6 | 9 | 0 | 10 |
| 325510OCPSF: Paint and Coating Manufacturing | 0 | 6 | 1 | 0 |
| 325520: Adhesive Manufacturing | 4 | 20 | 0 | 127 |
| 325611OCPSF: Soap and Other Detergent Manufacturing | 0 | 11 | 0 | 1 |
| 325612: Polish and Other Sanitation Good Manufacturing | 1 | 20 | 0 | 63 |
| 325620: Toilet Preparation Manufacturing | 0 | 14 | 1 | 11 |
| 325998: All Other Miscellaneous Chemical Product and Preparation Manufacturing | 14 | 48 | 6 | 243 |
| 326199OCPSF: All Other Plastics Product Manufacturing | 0 | 2 | 1 | 0 |
| 339999OCPSF: All Other Miscellaneous Manufacturing | 0 | 0 | 1 | 1 |
| 562920: Materials Recovery Facilities | 0 | 1 | 0 | 31 |
| 424690: Other Chemical and Allied Products Merchant Wholesalers | 6 | 27 | 0 | 410 |
| 325221: Cellulosic Organic Fiber Manufacturing | 2 | 0 | 0 | 2 |
| Total | 214 | 410 | 55 | 1,426 |

Source: *TRIRelases2008_v3*.

12.1.2 40 CFR Part 414

EPA first promulgated ELGs for the OCPSF Category (40 CFR Part 414) on November 5, 1987 (52 FR 42568). This category consists of seven subcategories that apply to the manufacture of products and product groups, as shown in Table 12-4 with corresponding SIC codes and applicability. Subparts B through H have limitations for biochemical oxygen demand (BOD₅), total suspended solids (TSS), and pH. The regulation also includes limitations and/or pretreatment standards for certain toxic pollutants in three additional subparts:

- Subpart I — Direct Discharge Point Sources That Use End-of-Pipe Biological Treatment;
- Subpart J — Direct Discharge Point Sources That Do Not Use End-of-Pipe Biological Treatment; and
- Subpart K — Indirect Discharge Point Sources.

Table 12-4. Applicability of Subcategories in the OCPSF Category

| Subpart | Subcategory Title | Corresponding SIC Code(s) ^a | Subcategory Applicability |
|---------|-----------------------------|---|---|
| B | Rayon Fibers | 2823: Cellulosic Manmade Fibers | Cellulosic manmade fiber (Rayon) manufactured by the Viscose process. |
| C | Other Fibers | 2824: Synthetic Organic Fibers, Except Cellulosic | All other synthetic fibers (except Rayon) including, but not limited to, products listed in Section 414.30. |
| D | Thermoplastic Resins | 28213: Thermoplastic Resins | Any plastic product classified as a thermoplastic resin including, but not limited to, products listed in Section 414.40. |
| E | Thermosetting Resins | 28214: Thermosetting Resins | Any plastic product classified as a thermosetting resin including, but not limited to, products listed in Section 414.50. |
| F | Commodity Organic Chemicals | 2865: Cyclic Crudes and Intermediates, Dyes and Organic Pigments 2869: Industrial Organic Chemicals, NEC | Commodity organic chemicals and commodity organic chemical groups including, but not limited to, products listed in Section 414.60. |
| G | Bulk Organic Chemicals | 2865: Cyclic Crudes and Intermediates, Dyes and Organic Pigments 2869: Industrial Organic Chemicals, NEC | Bulk organic chemicals and bulk organic chemical groups including, but not limited to, products listed in Section 414.70. |
| H | Specialty Organic Chemicals | 2865: Cyclic Crudes and Intermediates, Dyes and Organic Pigments 2869: Industrial Organic Chemicals, NEC | All other organic chemicals and organic chemical groups including, but not limited to, products listed in the OCPSF Development Document (Vol. II, Appendix II-A, Table VII). |

Source: *Product and Product Group Discharges Subject to Effluent Limitations and Standards for the Organic Chemicals, Plastics, and Synthetic Fibers Point Source Category — 40 CFR 414, Table 2-2 (U.S. EPA, 2005b).*

a – During the 2009 annual review EPA developed a crosswalk between SIC codes and NAICS codes. Because there is not a direct match EPA did not report NAICS codes.

NEC – Not elsewhere classified.

12.2 OCPSF Category 2010 Screening-Level Review

Table 12-5 compares the screening-level database results for the OCPSF Category from the 2006 through 2010 annual reviews. The combined DMR and TRI TWPE increased from discharge years 2002 to 2004, but decreased from discharge years 2004 to 2008. The 2008 DMR TWPE accounts for approximately 79 percent of the combined 2008 DMR and TRI TWPE, while TRI discharges dominated previous years' combined TWPE.

Table 12-5. OCPSF Category TRI and DMR Discharges for the 2006 through 2010 Screening-Level Reviews

| Year of Discharge | Year of Review | OCPSF Category | | |
|-------------------|----------------|----------------|-----------------------|------------|
| | | TRI TWPE | DMR TWPE ^a | Total TWPE |
| 2002 | 2006 | 349,000 | 398,000 | 747,000 |
| 2004 | 2007 | 957,000 | 608,000 | 1,570,000 |
| 2005 | 2008 | 759,000 | NA | NA |
| 2007 | 2009 | 575,000 | 309,000 | 884,000 |
| 2008 | 2010 | 137,000 | 512,000 | 649,000 |

Source: *TRIRelases2002_v4*; *PCSLoads2002_v4*; *TRIRelases2004_v3*; *PCSLoads2004_v3*; *TRIRelases2005_v2*; *TRIRelases2007_v2*; *DMRLoads2007_v4*; *TRIRelases2008_v3*; and *DMRLoads2008_v2*.

a – DMR data from 2002 through 2007 includes only major dischargers. DMR 2008 data includes both minor and major dischargers.

NA – Not applicable. EPA did not evaluate DMR data for 2005.

Table 12-6 presents the 2008 DMR TWPE by facility discharge classification. EPA excluded minor dischargers from previous annual reviews, but included them in the 2010 annual review. The majority (96 percent) of the TWPE in the 2008 DMR database results from major dischargers.

Table 12-6. OCPSF Category 2008 DMR TWPE by Discharge Classification

| Year of Discharge ^a | TWPE from Minor Dischargers | TWPE from Major Dischargers |
|--------------------------------|-----------------------------|-----------------------------|
| 2008 | 19,100 | 493,000 |

Source: *DMRLoads2008_v2*.

a – Data for previous years of discharge are not included because EPA excluded minor dischargers from previous annual reviews.

12.3 OCPSF Pollutants of Concern

Table 12-7 compares the five chemicals with the highest TWPE in the 2008, 2007, and 2004 TRI databases (*TRIRelases2008_v3*, *TRIRelases2007_v2*, and *TRIRelases2004_v3*). Table 12-8 lists the five pollutants with the highest TWPE in the 2008, 2007, and 2004 DMR databases (*DMRLoads2008_v2*, *DMRLoads2007_v3*, and *PCSLoads2004_v4*).

Table 12-7. O.CPSF Category Top TRI Pollutants

| Pollutant | 2004 TRI Data ^a | | | 2007 TRI Data ^a | | | 2008 TRI Data ^a | | |
|-----------------------------------|---|--|---------------|---|--|---------------|---|--|----------------|
| | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE |
| Nitrate Compounds | 5 | 130 | 16,200 | Pollutant not reported in the top five 2007 TRI reported pollutants. | | | 1 | 111 | 15,000 |
| Lead and Lead Compounds | Pollutants not reported in the top five 2004 TRI reported pollutants. | | | 5 | 55 | 16,500 | 2 | 50 | 12,600 |
| Copper and Copper Compounds | | | | Pollutants not reported in the top five 2007 TRI reported pollutants. | | | 3 | 44 | 10,400 |
| Manganese and Manganese Compounds | | | | | | | 4 | 26 | 10,200 |
| Hydroquinone | 4 | 6 | 17,100 | 3 | 4 | 18,500 | 5 | 5 | 10,030 |
| Dioxin and Dioxin Like Compounds | 1 | 8 | 693,000 | 1 | 4 | 398,000 | Pollutants not reported in the top five 2008 TRI reported pollutants. | | |
| Chlorine | 3 | 15 | 22,900 | 2 | 13 | 27,500 | | | |
| PACs | Pollutant not reported in the top five 2004 TRI reported pollutants. | | | 4 | 7 | 18,200 | | | |
| Hexachlorobenzene | 2 | 4 | 84,500 | Pollutant not reported in the top five 2007 TRI reported pollutants. | | | | | |
| OCPSF Category Total | NA | 744 ^b | 95,700 | NA | 594 ^b | 57,500 | NA | 672 ^b | 137,000 |

Source: *TRIReleases2004_v3*; *TRIReleases2007_v2*; and *TRIReleases2008_v3*.

a – Discharges include transfers to POTWs and account for POTW removals.

b – Number of facilities reporting TWPE greater than zero.

NA – Not applicable.

Table 12-8. OCPSF Category Top DMR Pollutants

| Pollutant | 2004 DMR Data ^a | | | 2007 DMR Data ^a | | | 2008 DMR Data ^b | | |
|-----------------------------|---|--|----------------|--|--|----------------|---|--|----------------|
| | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE |
| Hexachlorobenzene | 2 | 13 | 123,000 | 1 | 13 | 62,700 | 1 | 11 | 124,000 |
| Chlorine | 4 | 46 | 38,200 | 2 | 46 | 45,600 | 2 | 104 | 77,800 |
| Nickel | Pollutants not reported in the top five 2004 DMR reported pollutants. | | | 4 | 58 | 23,000 | 3 | 68 | 59,500 |
| Copper | | | | Pollutant not reported in the top five 2007 DMR reported pollutants. | | | 4 | 133 | 42,100 |
| Fluoride | 5 | 12 | 28,200 | 3 | 13 | 35,500 | 5 | 16 | 28,900 |
| Tin | Pollutant not reported in the top five 2004 DMR reported pollutants. | | | 5 | 3 | 17,500 | Pollutants not reported in the top five 2008 DMR reported pollutants. | | |
| Aluminum | 1 | 20 | 209,000 | Pollutant not reported in the top five 2007 DMR reported pollutants. | | | | | |
| Benzidine | 3 | 1 | 63,800 | | | | | | |
| OCPSF Category Total | NA | 202 ^c | 608,000 | NA | 194 ^c | 309,000 | NA | 357 ^c | 512,000 |

Source: *PCSLoads2004_v4*; *DMRLoads2007_v3*; and *DMRLoads2008_v2*.

a – 2004 and 2007 DMR data include only major dischargers.

b – 2008 DMR data includes major and minor dischargers.

c – Number of facilities reporting TWPE greater than zero.

NA – Not applicable.

The OCPSF 2008 TRI TWPE accounts for 21 percent of the total category TWPE, while the 2008 DMR TWPE accounts for 79 percent. Therefore, EPA focused the additional review on the DMR-reported pollutants that account for the majority of the category TWPE.

EPA's additional review for the 2008 DMR database pollutants of concern, hexachlorobenzene, chlorine, and metals (nickel and copper), is presented in the following subsections. EPA also reviewed discharges of PACs¹⁹ as part of the 2010 annual review, even though they are not one of the top five pollutants for DMR in 2008. PACs discharges have been continually monitored by EPA as part of previous annual reviews. During the review of top pollutants, EPA discovered that the majority of the top pollutants were discharged from the same three facilities in the 2008 DMR database. Table 12-9 presents the facility dischargers and corresponding top DMR pollutants discharged in the OCPSF Category.

Table 12-9. OCPSF Category Top Facility Dischargers in the DMR 2008 Database

| Top Pollutant | Facility Name | Pounds of Pollutant Discharged | Pollutant TWPE | Total Facility TWPE | Other Top Pollutants Discharged |
|-----------------------------|-----------------------|--------------------------------|----------------|---------------------|---------------------------------|
| Hexachlorobenzene | Chevron Oronite Co. | 43.8 | 85,300 | 95,600 | PACs |
| Nickel | MPM Silicones, LLC | 571,000 | 57,100 | 102,000 | Hexachlorobenzene, PACs |
| Copper | MPM Silicones, LLC | 36,600 | 23,100 | | |
| Benzo(a)pyrene ^a | E I DuPont De Nemours | 196 | 19,700 | 44,900 | Other PACs |

Source: *DMRLoads2007_v3* and *DMRLoads2008_v2*.

a – Benzo(a)pyrene is included in the group of pollutants referred to as PACs.

12.4 OCPSF Category Top Facility Dischargers in DMR

The majority of the top pollutants for the OCPSF Category in the 2008 DMR database are discharged from the top three facility dischargers. This subsection provides further detail on the top three facility dischargers in the OCPSF Category responsible for the majority of the hexachlorobenzene, PACs, and metals TWPE. As a result of EPA's review of discharges from the top facilities in the OCPSF Category, the overall category 2008 DMR TWPE decreased by 239,000 TWPE.

12.4.1 Chevron Oronite Co. LLC in Belle Chasse, LA²⁰

Table 12-10 presents the top five discharges in the 2008 DMR database for Chevron Oronite Co. LLC. The majority of the facility TWPE (approximately 89 percent) is from hexachlorobenzene. Hexachlorobenzene discharges from Chevron Oronite also account for almost 17 percent of the total OCPSF Category TWPE in the 2008 DMR database. The other top

¹⁹ PACs include the following pollutants: benzo(a)anthracene, chrysene, benzo(a) pyrene, benzo(b)fluoranthene, benzo(j)fluoranthene, benzo(k)fluoranthene, fluoranthene, benzo(r,s,t)pentaphene, dibenz(a,h)acridine, dibenz(a,j)acridine, dibenzo(a,h)anthracene, dibenzo(a,e)fluoranthene, dibenzo(a,e)pyrene, dibenzo(a,h)pyrene, dibenzo(a,l)pyrene, 7H-dibenzo(c,g)carbazole, 7,12-dimethylbenz(a)anthracene, indeno(1,2,3-cd)pyrene, 3-methylcholanthrene, 5-methylchrysene, and 1-nitropyrene.

²⁰ Chevron Oronite Co. LLC in Belle Chasse, LA has two NPIDs: LA0005738 and LAG670106. This section discusses the discharges associated with the NPID LA0005738. Discharges from LAG670106 are not included in the DMR Loadings Tool.

pollutants (all PACs) are benzo(a)pyrene, chrysene, benzo(a)anthracene, and benzo(b)fluoranthene.

Table 12-10. Chevron Oronite 2008 Top Discharges

| Pollutant | Total Pounds | Total TWPE | Percentage of Facility Total TWPE |
|----------------------|----------------|---------------|-----------------------------------|
| Hexachlorobenzene | 43.8 | 85,300 | 89% |
| Benzo(a)pyrene | 43.8 | 4,410 | 4.6% |
| Chrysene | 43.8 | 1,360 | 1.4% |
| Benzo(a)anthracene | 43.8 | 1,340 | 1.4% |
| Benzo(b)fluoranthene | 43.8 | 1,340 | 1.4% |
| Total | 362,000 | 95,600 | 100% |

Source: *DMRLoads2008_v2*.

All of the pollutant discharges for Chevron Oronite are from outfall 202. Table 12-11 presents the discharge data in the DMR Loadings Tool for 2008. EPA contacted Chevron Oronite to verify the hexachlorobenzene and PACs quantities. Chevron Oronite indicated that the hexachlorobenzene, benzo(a)pyrene, chrysene, benzo(a)anthracene, and benzo(b)fluoranthene concentrations were measured below the detection limit (BDL). Further, Chevron Oronite provided discharge monitoring data that showed all PAC concentrations in the 2008 DMR database were reported as nondetect (Sampey, 2010).

Chevron Oronite indicated that they use half the detection limit to calculate the quantities when the pollutants are measured BDL (Sampey, 2010). Therefore, all of the quantities in the 2008 DMR database were BDL and the loads and TWPE should be zero. This correction leads to the facility's total TWPE decreased from 95,600 TWPE to 40 TWPE, a reduction of over 99 percent.

Table 12-11. Chevron Oronite Outfall 202 2008 Monthly Discharge Data

| Outfall | Pollutant | Monitoring Period Date | DMR Loadings Tool Quantity (kg/day) | Facility-Provided Quantity (kg/day) | Flow (MGD) |
|---------|----------------------|------------------------|-------------------------------------|-------------------------------------|------------|
| 202 | Hexachlorobenzene | 31-Dec-08 | 0.0544 | <0.0544 | 1.132 |
| 202 | Benzo(a)pyrene | 31-Dec-08 | 0.0544 | <0.0544 | 1.132 |
| 202 | Chrysene | 31-Dec-08 | 0.0544 | <0.0544 | 1.132 |
| 202 | Benzo(a)anthracene | 31-Dec-08 | 0.0544 | <0.0544 | 1.132 |
| 202 | Benzo(b)fluoranthene | 31-Dec-08 | 0.0544 | <0.0544 | 1.132 |

Source: DMR Loadings Tool and Facility Contact (Sampey, 2010).

12.4.2 MPM Silicones, LLC in Friendly, WV

Table 12-12 presents the top pollutant discharges in the 2008 DMR database for MPM Silicones, LLC. The majority of the TWPE results from discharge of nickel and copper.

Hexachlorobenzene and benzo(a)pyrene are the 3rd and 4th ranking pollutants, by TWPE, for the facility in the 2008 DMR database.

Table 12-12. MPM Silicones 2008 Top Discharges

| Pollutant | Total Pounds | TWPE | Percentage of Facility TWPE |
|-------------------|-------------------|----------------|-----------------------------|
| Nickel | 571,000 | 57,100 | 56% |
| Copper | 36,600 | 23,100 | 23% |
| Hexachlorobenzene | 10 | 19,000 | 19% |
| Benzo(a)pyrene | 12 | 1,190 | 1.2% |
| Total | 10,400,000 | 102,000 | 100% |

Source: *DMRLoads2008_v2*.

All of MPM Silicones' top pollutant discharges are from outfall 001. Table 12-13 presents the discharge data in the DMR Loadings Tool for 2008. EPA contacted MPM Silicones to verify the values and units for the nickel, copper, hexachlorobenzene, and benzo(a)pyrene concentrations. MPM Silicones' facility contact verified that the pollutant concentrations reported were either incorrect or missing the BDL indicators (i.e., "<"), and all concentrations should have been reported as µg/L, not mg/L. The facility contact also indicated that benzo(a)pyrene should have been reported annually; therefore, there should only be one reported concentration for December 2008. Table 12-13 also shows the facility-provided concentrations (Martin, 2010).

Table 12-13. MPM Silicones Outfall 001 2008 Monthly Discharge Data

| Outfall | Monitoring Period Date | DMR Loadings Tool Average Concentration (mg/L) | Facility-Corrected Average Concentration (mg/L) | Average Flow (MGD) |
|--------------------------|------------------------|--|---|--------------------|
| Nickel | | | | |
| 001 | 31-Mar-08 | 22 | 0.022 | 5.71 |
| 001 | 30-Jun-08 | 11 | - ^a | 5.4 |
| 001 | 30-Sept-08 | 21 | 0.021 | 5.32 |
| 001 | 31-Dec-08 | 83 | 0.083 | 5.43 |
| Copper | | | | |
| 001 | 31-Mar-08 | 3 | < 0.006 | 5.71 |
| 001 | 30-Jun-08 | <0.5 | - ^a | 5.4 |
| 001 | 30-Sept-08 | <5 | < 0.01 | 5.32 |
| 001 | 31-Dec-08 | 3 | < 0.006 | 5.43 |
| Hexachlorobenzene | | | | |
| 001 | 31-Mar-08 | 0.000395 | < 0.00079 | 5.71 |
| 001 | 30-Jun-08 | 0.000435 | < 0.00075 | 5.4 |
| 001 | 30-Sept-08 | 0.000435 | < 0.00075 | 5.32 |
| 001 | 31-Dec-08 | 0.00121 | < 0.00024 | 5.43 |

Table 12-13. MPM Silicones Outfall 001 2008 Monthly Discharge Data

| Outfall | Monitoring Period Date | DMR Loadings Tool Average Concentration (mg/L) | Facility-Corrected Average Concentration (mg/L) | Average Flow (MGD) |
|-----------------------|------------------------|--|---|--------------------|
| Benzo(a)pyrene | | | | |
| 001 | 30-Sept-08 | 0.00095 | NR ^b | 5.32 |
| 001 | 31-Oct-08 | 0.000705 | NR ^b | 5.39 |
| 001 | 31-Dec-08 | NR | < 0.00141 ^b | 5.43 |

Source: DMR Loadings Tool and Facility Contact (Martin, 2010).

a – Concentration not reported due to sampling error.

b – The facility contact indicated that the benzo(a)pyrene concentration was reported only once in December 2008, not September or October 2008.

NR – Concentration not reported.

Using the facility-provided concentrations, EPA calculated the revised load and corresponding TWPE for the top pollutants. The facility's copper, hexachlorobenzene, and benzo(a)pyrene loads were zeroed because all of the concentrations were measured below the detection limit. MPM Silicones' nickel discharges decrease from 57,100 TWPE 39 TWPE, while the facility's total TWPE decreased from 102,000 TWPE to 1,620 TWPE, a reduction of over 98 percent.

12.4.3 E I DuPont de Nemours & Co. in Washington, WV

Table 12-14 presents the top discharges for E I DuPont de Nemours & Co. in the 2008 DMR database. The majority of the facility TWPE (approximately 41 percent) is from benzo(a)pyrene. The other top pollutants reported are chrysene, benzo(a)anthracene, and benzo(k)fluoranthene, all PACs.

Table 12-14. E I DuPont de Nemours 2008 Top Discharges

| Pollutant | Total Pounds | TWPE | Percentage of Facility TWPE |
|----------------------|------------------|---------------|-----------------------------|
| Benzo(a)pyrene | 196 | 19,700 | 44% |
| Chrysene | 196 | 6,070 | 14% |
| Benzo(a)anthracene | 196 | 6,000 | 13% |
| Benzo(k)fluoranthene | 196 | 6,000 | 13% |
| Total | 7,250,000 | 44,900 | 100% |

Source: *DMRLoads2008_v2*.

All of the PACs discharges are from outfalls 002 and 005. Table 12-15 presents the discharge data in the DMR Loadings Tool for 2008. EPA contacted the West Virginia Department of Environmental Protection (WV DEP) to verify the PACs concentrations. The WV DEP provided the DMRs and indicated that the all PACs discharges were below the detection limit in 2008 (Simmons, 2010). Therefore, the facility's PACs loads and TWPE were set to zero. E I DuPont de Nemours' TWPE decreased from 44,500 TWPE to 1,550 TWPE, a total reduction of 96 percent.

Table 12-15. E I DuPont de Nemours 2008 Monthly PACs Discharge Data

| Outfall | Pollutant | Monitoring Period Date | DMR Loadings Tool Concentration (mg/L) | WV DEP-Provided Concentration (mg/L) | Flow (MGD) |
|---------|----------------------|------------------------|--|--------------------------------------|------------|
| 005 | Benzo(a)pyrene | 31-Jul-08 | 0.0013 | < 0.0013 | 52.1 |
| 002 | Benzo(a)pyrene | 31-Jul-08 | 0.0013 | < 0.0013 | 11.7 |
| 005 | Chrysene | 31-Jul-08 | 0.0013 | < 0.0013 | 52.1 |
| 005 | Benzo(a)anthracene | 31-Jul-08 | 0.0013 | < 0.0013 | 52.1 |
| 005 | Benzo(k)fluoranthene | 31-Jul-08 | 0.0013 | < 0.0013 | 52.1 |

Source: DMR Loadings Tool and Facility Contact (Simmons, 2010).

12.5 OCPSF Category Chlorine Discharges in DMR

As part of the 2010 annual review of the OCPSF Category, EPA reviewed chlorine discharges in the 2008 DMR database. Approximately 15 percent of the OCPSF Category 3009 DMR TWPE results from chlorine discharges. Table 12-16 presents the facilities in the 2008 DMR database that discharge chlorine. Two facilities, Oxea Bay City Plant in Bay City, TX, and Channel View Complex in Channelview, TX, account for approximately 62 percent of the discharges in the 2008 DMR database. This subsection provides information on Oxea Bay City's and Channelview's chlorine discharges.

Table 12-16. OCPSF Category Top Chlorine Discharging Facilities in the 2008 DMR Database

| Facility Name | Major/Minor Discharger | Pounds of Chlorine Discharged | Chlorine TWPE | Percentage of OCPSF Category Chlorine DMR 2008 TWPE |
|---|------------------------|-------------------------------|---------------|---|
| Oxea Bay City Plant | Major | 52,500 | 26,300 | 34% |
| Channel View Complex | Major | 43,600 | 21,800 | 28% |
| Pasadena Plastics Complex | Major | 12,900 | 6,450 | 8% |
| Exxon Mobil Chemical Co. | Major | 7,600 | 3,800 | 5% |
| Cytec Industries, Inc. | Major | 6,500 | 3,250 | 4% |
| Remaining OCPSF Chlorine Dischargers ^a | | 32,400 | 16,200 | 21% |
| Total | | 156,000 | 77,800 | 100% |

Source: *DMRLoads2008_v2*.

a – There are 99 remaining OCPSF facilities with chlorine discharges in *DMRLoads2008_v2* that account for about 21 percent of the OCPSF Category's 2008 chlorine TWPE in the DMR database.

12.5.1 Oxea Bay City Plant in Bay City, TX

All of Oxea Bay City’s chlorine discharges are from outfall 001. Table 12-17 presents Oxea Bay City’s 2008 chlorine discharge data from DMR Loadings Tool for outfall 001. EPA confirmed these discharges with information from Envirofacts²¹.

Table 12-17. Oxea Bay City 2008 Monthly Chlorine and Flow Discharge Data

| Monitoring Period Date | DMR Loadings Tool Chlorine Concentration (mg/L) | DMR Loadings Tool Flow (MGD) |
|------------------------|---|------------------------------|
| 31-Jan-08 | 45 | 1.004 |
| 29-Feb-08 | 37.5 | 0.817 |
| 31-Mar-08 | 16.3 | 1.052 |
| 30-Apr-08 | 5.9 | 0.873 |
| 31-May-08 | 37.5 | 0.581 |
| 30-Jun-08 | 1.6 | 0.586 |
| 31-Jul-08 | 0.1 | 0.669 |
| 31-Aug-08 | 85 | 0.736 |
| 30-Sep-08 | 3 | 0.839 |
| 31-Oct-08 | 0.1 | 0.733 |
| 30-Nov-08 | 12 | 0.711 |
| 31-Dec-08 | 15 | 0.799 |

Source: DMR Loadings Tool.

Oxea Bay City Plant discharges treated domestic wastewater and treated process wastewater from the neutral effluent treatment system, and treated utility wastewater, stormwater, groundwater recovered during site excavations, stormwater from the old dewatering area and from landfill cells, groundwater from the bailing of monitor wells, groundwater from recovery wells, and hydrostatic test discharge water via outfall 001 (TCEQ, 2009).

EPA contacted Oxea Bay City Plant to confirm the chlorine discharges from outfall 001. The facility contact verified the chlorine concentrations and indicated that the location where chlorine is monitored is different than the location of the final outfall, where flow rate is measured. The chlorine is measured at a nearby sewage treatment facility, Honeyhoe. Oxea Bay indicated that effluent from Honeyhoe commingles with process wastewater in equalization tanks. The facility contact believed that a majority of the chlorine was removed by microbes in the equalization tanks. From the equalization tanks, flow is directed to the facility’s cooling pond and is re-circulated. The facility contact stated that the flow from the equalization tank is typically re-circulated through the cooling pond; however, the facility permit allows for effluent from the equalization tanks to be rerouted and discharged to outfall 001, if necessary. The facility contact also indicated that in 2008 the plant had issues with the analyzer that controls the chlorine feed, which they thought may account for the higher chlorine concentrations (Martinez, 2010).

²¹ EPA uses the data in Envirofacts as a source while reviewing the DMR Loadings Tool data because Envirofacts continually accepts and updates corrections submitted by facilities and states. The DMR Loadings Tool is not continuously updated; therefore, loads may be estimated with erroneous data.

Based on information from the facility contact, EPA believes that the DMR Loadings Tool is overestimating the chlorine discharges for Oxea Bay City Plant. The DMR Loadings Tool is using the chlorine that is measured at the effluent from Honeyhoe and the flow that is measured after the equalization tanks to calculate the chlorine load. EPA will continue to monitor the chlorine discharges from this facility.

12.5.2 Channelview Complex Channelview, TX

All of Channelview's chlorine discharges are from outfall 001. Table 12-18 presents Channelview's 2008 chlorine discharge data from the DMR Loadings Tool and Envirofacts for outfall 001. EPA compared data from the DMR Loadings Tool, Envirofacts, and the facility permit and found that the concentration reported in the 2008 DMR database is the maximum concentration.

Table 12-18. Channelview Complex 2008 Monthly Chlorine and Flow Discharge Data and Maximum Chlorine Permit Limitations

| Monitoring Period Date | DMR Loadings Tool Chlorine Concentration (mg/L) | EPA Envirofacts Minimum Chlorine Concentration (mg/L) | EPA Envirofacts Maximum Chlorine Concentration (mg/L) | Facility Maximum Chlorine Permit Limit (mg/L) |
|------------------------|---|---|---|---|
| 31-Jan-08 | NR | 1.03 | 3.88 | 4 |
| 29-Feb-08 | 3.89 | 1.17 | 3.89 | 4 |
| 31-Mar-08 | NR | 1 | 31 | 4 |
| 30-Apr-08 | NR | 1.2 | 3.9 | 4 |
| 31-May-08 | NR | 1.43 | 3.9 | 4 |
| 30-Jun-08 | NR | 1 | 3.98 | 4 |
| 31-Jul-08 | NR | 1.12 | 3.93 | 4 |
| 31-Aug-08 | NR | NR | NR | 4 |
| 30-Sep-08 | NR | 1.24 | 3.94 | 4 |
| 31-Oct-08 | NR | NR | NR | 4 |
| 30-Nov-08 | NR | 1.2 | NR | 4 |
| 31-Dec-08 | NR | 1.2 | NR | 4 |

Source: DMR Loadings Tool; Envirofacts; and TPDES Permit for Channelview TX0003531 (TCEQ, 2004).

NR – Not reported.

Outfall 001 at Channelview Complex discharges treated organic chemical manufacturing process wastewater, auto shop wastewater, laboratory wastewater, cooling tower blowdown, sanitary wastewater, loading area and process area washdown, tank farm wastewater, heat exchanger blasting slab waste, steam blowdown, demineralization regeneration blowdown, methanol neutralization sump wastewater, and process area stormwater runoff. The facility is required to treat domestic sewage (both primary and secondary) and chlorinate it sufficiently to maintain at least 1.0 mg/L and at most 4.0 mg/L residual chlorine after at least 20 minutes contact time (based on peak flow) prior to mixing with any other waters. The domestic sewage is required to be monitored five times per week, by grab sample. From the facility permit, all effluent monitoring samples, including flow rate, are taken where all effluents are commingled together prior to discharge. The facility is required to take the chlorine sample at the exit of the septic chlorinator prior to commingling with other wastewaters (TCEQ, 2004).

EPA contacted Channelview Complex to confirm the chlorine concentrations and flows for 2008. The facility contact stated that all of chlorine concentrations and flows were correct. The facility contact stated that the unusually high chlorine concentration measured during the March 2008 sampling episode was a result of a septic chlorinator malfunction. The facility contact also confirmed that the septic chlorinator, where chlorine is measured, is well upstream of where flow is measured and that no flow is measured at the septic chlorinator (Miller, 2010). Therefore, EPA believes that the DMR Loadings Tool is overestimating the chlorine discharges for 2008. EPA will continue to monitor the chlorine concentrations from this facility, but does not believe the estimated chlorine load accurately represents this facility's discharge.

12.6 OCPSF Category Conclusions

The estimated toxicity of the OCSPF Category discharges result from hexachlorobenzene, metals, chlorine, and PACs discharges. Data collected for the 2010 annual review demonstrated that wastewater discharge characteristics for this category are consistent with discharges from prior years. As in prior years, EPA makes the following conclusions:

- There were missing BDL indicators for hexachlorobenzene and PACs discharges from the Chevron Oronite facility in Belle Chasse, LA. These discharges were actually reported as nondetect, zeroing their load and TWPE. Correcting this error decreases the 2008 facility TWPE to 40 TWPE.
- There were missing BDL indicators and a units error for the nickel, copper, hexachlorobenzene, and PAC discharges reported by MPM Silicones in Friendly, WV. Correcting these errors decreases the 2008 facility TWPE to 1,620 TWPE.
- There were missing BDL indicators for the PAC discharges reported by EI DuPont de Nemours in Washington, WV. These discharges were actually reported as nondetect, zeroing their load and TWPE. Correcting this error decreases the 2008 facility TWPE to 1,550 TWPE.
- The chlorine TWPE resulted from flow measurement location errors: two facilities measure chlorine at a separate location than flow. The flow measurements occur after the wastewater containing chlorine commingles with wastewater without chlorine. Therefore, the chlorine load does not accurately reflect the facility's discharge. EPA will correct this error in the screening-level databases in future years of review and continue monitoring the chlorine discharges from OCSPF facilities.
- Correcting the database errors identified during the 2010 annual review decreases the 2008 OCPSF Category TWPE from 649,000 TWPE to 410,000 TWPE. The OCSPF Category continues to rank high due to the high number of facilities (over 2,000) in the industry. EPA will continue to monitor the OCSPF Category discharges to determine if they are properly controlled.

EPA prioritizes point source categories with existing regulations for potential revision based on the greatest estimated toxicity to human health and the environment, measured as TWPE. Based on the above conclusions, EPA is assigning this category with a lower priority for

revision (i.e., this category is marked with “(3)” in the “Findings” column in Table V-1 in the Federal Register notice that presents the 2010 annual review of existing ELGs).

12.7 OCSPF Category References

1. Martin, Jason. 2010. Notes from Telephone Conversation between Jason Martin, MPM Silicones, LLC, and Elizabeth Sabol, Eastern Research Group, Inc. “RE: Discharges Reported to DMR in 2008.” (June 29). EPA-HQ-OW-2008-0517 DCN 07293.
2. Martinez, Sylvia. 2010. Notes from Telephone Conversation between Sylvia Martinez, Oxea Bay City Plant, and Lauren Wingo, Eastern Research Group, Inc. “RE: Oxea Bay City Plant’s 2008 Chlorine and Flow Data in DMR Data.” (August 27). EPA-HQ-OW-2008-0517 DCN 07294.
3. Miller, Tommy. 2010. Notes from Telephone Conversation between Tommy Miller, Lyondell Bassel, and Lauren Wingo, Eastern Research Group, Inc. “RE: Channel View’s 2008 Chlorine and Flow Data in DMR.” (August 30). EPA-HQ-OW-2008-0517 DCN 07295.
4. Sampey, Troy. 2010. E-mail Communication between Troy Sampey, Chevron Oronite Co., and Elizabeth Sabol, Eastern Research Group, Inc. “RE: DMRs Clarification Needed for Chevron Oronite - Oak Point Plant.” (July 13). EPA-HQ-OW-2008-0517 DCN 07296.
5. Simmons, Linda. 2010. Notes from Telephone Conversation between Linda Simmons, West Virginia Department of Environmental Protection, and Elizabeth Sabol, Eastern Research Group, Inc. “RE: PAC Discharges Reported to DMR in 2008.” (July 13). EPA-HQ-OW-2008-0517 DCN 07297.
6. TCEQ. 2004. Texas Commission on Environmental Quality. Water Discharge Permit for NPDES TX0003531 – Channelview Complex, Channelview, TX. EPA-HQ-OW-2008-0517 DCN 07298.
7. TCEQ. 2009. Texas Commission on Environmental Quality. Notice of Application and Preliminary Decision for Water Quality TPDES Permit Amendment for Industrial Wastewater for NPDES TX0006017 – Oxea Bay City Plant, Bay City, TX. EPA-HQ-OW-2008-0517 DCN 07299.
8. U.S. Census. 2002. U.S. Economic Census. Available online at: <http://www.census.gov/econ/census02>.
9. U.S. EPA. 2004. *Technical Support Document for the 2004 Effluent Guidelines Program Plan*. EPA-821-R-04-014. Washington, DC. (August). EPA-HQ-OW-2003-0074-1346 through 1352.
10. U.S. EPA. 2005a. *Preliminary 2005 Review of Prioritized Categories of Industrial Dischargers*. EPA-821-B-05-004. Washington, DC. (August). EPA-HQ-OW-2004-0032-0016.

11. U.S. EPA. 2005b. *Product and Product Group Discharges Subject to Effluent Limitations and Standards for the Organic Chemicals, Plastics, and Synthetic Fibers Point Source Category*. Washington, DC. (April). EPA-HQ-OW-2004-032-2568.
12. U.S. EPA. 2006. *Technical Support Document for the 2006 Effluent Guidelines Program Plan*. EPA-821R-06-018. Washington, DC. (December). EPA-HQ-OW-2004-0032-2782.
13. U.S. EPA. 2007. *Technical Support Document for the Preliminary 2008 Effluent Guidelines Program Plan*. EPA-821-R-07-007. Washington, DC. (October). EPA-HQ-OW-2006-0771-0819.
14. U.S. EPA. 2008. *Technical Support Document for the 2008 Effluent Guidelines Program Plan*. EPA-821-R-08-015 Washington, DC. (August). EPA-HQ-OW-2006-0771-1701.
15. U.S. EPA. 2009. *Technical Support Document for the Preliminary 2010 Effluent Guidelines Program Plan*. EPA-821-R-09-006. Washington, DC. (October). EPA-HQ-OW-2008-0517-0515.

13. PLASTICS MOLDING AND FORMING (40 CFR PART 463)

EPA selected the Plastics Molding and Forming (PMF) Category for preliminary review because it continues to rank high, in terms of toxic-weighted pound equivalent (TWPE), in point source category rankings (see Table 5-3 for the point source category rankings). The Final 2006 Plan summarizes the results of EPA’s previous reviews of this industry in 2005 and 2006 (71 FR 76644). This section summarizes the results of the 2010 annual review associated with the PMF Category. EPA focused on discharges of carbon disulfide from four cellulose products manufacturers, because of their high TWPE relative to the rest of the PMF Category.

13.1 PMF Category Background

This subsection provides background on the PMF Category including a brief profile of the PMF industry, background on 40 CFR Part 463, and background on 40 CFR Part 63 Subpart UUUU, the Cellulose Products National Emission Standards for Hazardous Air Pollutants (NESHAP).

13.1.1 PMF Industry Profile

The plastics molding and forming industry includes facilities that are engaged in blending, molding, forming, or other types of processing of plastic materials. These processes commonly include extrusion, coating and laminating, thermoforming, calendaring, casting, foaming, cleaning, and finishing (U.S. EPA, 1984). EPA considered the following 13 North American Industry Classification System (NAICS) codes part of the PMF Category:

- 325991: Custom Compounding of Purchased Resins;
- 326113: Unlaminated Plastics Film and Sheet (except Packaging) Manufacturing;
- 326121: Unlaminated Plastics Profile Shape Manufacturing;
- 326122: Plastics Pipe and Pipe Fitting Manufacturing;
- 326130: Laminated Plastics Plate, Sheet (except Packaging), and Shape Manufacturing;
- 326140: Polystyrene Foam Product Manufacturing;
- 326150: Urethane and Other Foam Product (except Polystyrene) Manufacturing;
- 326160: Plastics Bottle Manufacturing;
- 326191: Plastics Plumbing Fixture Manufacturing;
- 326199: All Other Plastics Product Manufacturing;
- 332813PMF: Electroplating, Plating, Polishing, Anodizing and Coloring;
- 335921: Fiber Optic Cable Manufacturing; and
- 339999PMF: All Other Miscellaneous Manufacturing.

Wastewater generated by facilities in NAICS codes 332813 and 339999 can be regulated under multiple categories. EPA reviewed available information about pollutant loads and manufacturing operations for facilities reporting these NAICS codes. In its crosswalk, EPA assigned the extension “PMF” to the end of the NAICS codes for facilities that most likely fall under the applicability of 40 CFR Part 463, PMF. Most facilities in NAICS 332813 are grouped under the Electroplating Category, while most facilities in NAICS 339999 are grouped under the Metal Finishing Category.

Because the Permit Compliance System (PCS) and Integrated Compliance Information System - National Pollutant Discharge Elimination System (ICIS-NPDES), the sources of the discharge monitoring report (DMR) data used to develop *DMRLoads2008*, report facilities by Standard Industrial Classification (SIC) code, and the U.S. Economic Census and Toxics Release Inventory (TRI) report data by NAICS code, EPA reclassified the 2008 DMR by the equivalent NAICS code. Table 13-1 lists the number of facilities from the U.S. Economic Census and the screening-level databases for the twelve NAICS codes with operations in the PMF Category, the corresponding SIC codes are included for reference. The U.S. Economic Census includes more facilities than the screening-level databases because of many possible factors including: facilities may not meet TRI-reporting thresholds, facilities may discharge to a publicly owned treatment works (POTW), and some facilities in the U.S. Economic Census are distributors or sales facilities, not manufacturers.

Table 13-1. Number of PMF Facilities

| NAICS Code | Corresponding SIC Code | Number of Facilities | | |
|---|--|---|--------------------------------|--------------------------------|
| | | 2002 U.S. Economic Census | 2008 DMR Database ^a | 2008 TRI Database ^b |
| 325991: Custom Compounding of Purchased Resins | 3087: Custom Compounding of Purchased Plastics Resins | 749 | 31 | 179 |
| 326113: Unlaminated Plastics Film and Sheet (except Packaging) Manufacturing | 3081: Unsupported Plastics Film and Sheet | 881 | 162 | 80 |
| 326121: Unlaminated Plastics Profile Shape Manufacturing | 3082: Unsupported Plastics Profile Shapes; 3084: Plastics Pipe; and 3089: Plastics Products, NEC | 670 | 219 | 47 |
| 326122: Plastics Pipe and Pipe Fitting Manufacturing | | 441 | | 48 |
| 326199: All Other Plastics Product Manufacturing | | 7,892 | | 442 |
| 332813PMF: Electroplating, Plating, Polishing, Anodizing and Coloring | | NA | | 4 |
| 339999PMF: All Other Miscellaneous Manufacturing | | NA | | 1 |
| 326130: Laminated Plastics Plate, Sheet (except Packaging), and Shape Manufacturing | | 3083: Laminated Plastics Plate, Sheet, and Profile Shapes | | 293 |
| 326140: Polystyrene Foam Product Manufacturing | 3086: Plastics Foam Products | 552 | 39 | 26 |
| 326150: Urethane and Other Foam Product (except Polystyrene) Manufacturing | | 627 | | 212 |
| 326160: Plastics Bottle Manufacturing | 3085: Plastics Bottles | 404 | 32 | 3 |
| 326191: Plastics Plumbing Fixture Manufacturing | 3088: Plastics Plumbing Fixtures | 544 | 6 | 129 |
| 335921: Fiber Optic Cable Manufacturing | NA ^c | 96 | NA ^c | 4 |
| Total | | >13,149 | 498 | 1,241 |

Source: U.S. Economic Census, 2002 (U.S. Census, 2002); *DMRLoads2008_v2*; and *TRIRelases2008_v3*.

a – Includes both major and minor dischargers. Also, DMR data is reported by SIC code; therefore EPA used an NAICS to SIC crosswalk for comparison purposes.

b – Facilities reporting releases to any media.

c – There is not an SIC code that links to the NAICS code 335921 with facilities that have discharges meeting the applicability of the PMF Category.

NA – Not applicable.

NEC – Not elsewhere classified.

Table 13-2 shows whether permitting authorities designated direct discharging facilities in the PMF Category as minor or major dischargers (see Section 4.1.5). EPA included data for minor dischargers for the first time in the 2010 annual review, as part of *DMRLoads2008_v2*. EPA does not require permitting authorities to submit DMR data for minor dischargers; however, many states do provide complete DMR data for them. From this year's review, EPA observed many data entry or other errors for minor dischargers in addition to those previously identified

for major dischargers, as discussed in Section 4.3. Table 13-2 shows that approximately 99 percent of the PMF Category dischargers in the 2008 DMR database are minor dischargers.

Table 13-2. Number of PMF Facilities by Discharge Classification in 2008 DMR Database

| NAICS Code ^a | Number of Facilities in 2008 DMR Database | | |
|---|---|-------------------------|------------|
| | Majors Dischargers | Minors Dischargers | Total |
| 325991: Custom Compounding of Purchased Resins | 0 | 31 | 31 |
| 326113: Unlaminated Plastics Film and Sheet (except Packaging) Manufacturing | 3 | 159 | 162 |
| 326121: Unlaminated Plastics Profile Shape Manufacturing | | | |
| 326122: Plastics Pipe and Pipe Fitting Manufacturing | | | |
| 326199: All Other Plastics Product Manufacturing | | | |
| 332813PMF: Electroplating, Plating, Polishing, Anodizing and Coloring | | | |
| 339999PMF: All Other Miscellaneous Manufacturing | 3 | 216 | 219 |
| 326130: Laminated Plastics Plate, Sheet (except Packaging), and Shape Manufacturing | 1 | 8 | 9 |
| 326140: Polystyrene Foam Product Manufacturing | | | |
| 326150: Urethane and Other Foam Product (except Polystyrene) Manufacturing | 0 | 39 | 39 |
| 326160: Plastics Bottle Manufacturing | 0 | 32 | 32 |
| 326191: Plastics Plumbing Fixture Manufacturing | 0 | 6 | 6 |
| 335921: Fiber Optic Cable Manufacturing | NA | NA | NA |
| Total | 7 | 491 ^b | 498 |

Source: *DMRLoads2008_v2*.

a – DMR data are reported by SIC code; therefore EPA used an NAICS-to-SIC-code crosswalk for comparison purposes.

b – The DMR data in PCS and ICIS-NPDES does not include discharge data for all minor dischargers. For the facilities in the PMF Category, 99 of the 491 minor dischargers have DMR data.

NA – Not applicable. There is not an SIC code that links to the NAICS code 335921 with facilities that have discharges meeting the applicability of the PMF Category.

Table 13-3 presents the type of discharges reported by facilities in the 2008 TRI database. The majority of PMF facilities reporting to TRI do not report water discharges, but those that do mostly reported indirect discharges to POTWs.

Table 13-3. Number of PMF Facilities by Discharge Type in 2008 TRI Database

| NAICS Code | Number of Facilities in 2008 TRI Database | | | |
|--|---|---------------------------|--------------------------------------|---------------------|
| | Direct Dischargers Only | Indirect Dischargers Only | Both Indirect and Direct Dischargers | No Water Discharges |
| 325991 Custom Compounding of Purchased Resins | 13 | 27 | 8 | 131 |
| 326113 Unlaminated Plastics Film and Sheet (except Packaging) Manufacturing | 7 | 18 | 3 | 52 |
| 326121 Unlaminated Plastics Profile Shape Manufacturing | 1 | 6 | 0 | 40 |
| 326122 Plastics Pipe and Pipe Fitting Manufacturing | 0 | 1 | 0 | 47 |
| 326130 Laminated Plastics Plate, Sheet (except Packaging), and Shape Manufacturing | 1 | 4 | 1 | 60 |
| 326140 Polystyrene Foam Product Manufacturing | 2 | 2 | 0 | 22 |
| 326150 Urethane and Other Foam Product (except Polystyrene) Manufacturing | 1 | 1 | 0 | 210 |
| 326160 Plastics Bottle Manufacturing | 0 | 0 | 0 | 3 |
| 326191 Plastics Plumbing Fixture Manufacturing | 2 | 0 | 0 | 127 |
| 326199 All Other Plastics Product Manufacturing | 3 | 12 | 2 | 425 |
| 332813PMF Electroplating, Plating, Polishing, Anodizing and Coloring | 0 | 4 | 0 | 0 |
| 335921: Fiber Optic Cable Manufacturing | 2 | 0 | 1 | 1 |
| 339999PMF All Other Miscellaneous Manufacturing | 0 | 1 | 0 | 0 |
| Total | 32 | 76 | 15 | 1,118 |

Source: *TRIRelases2008_v3*.

13.1.2 40 CFR Part 463

EPA first promulgated effluent limitation guidelines and standards (ELGs) for the PMF Category (40 CFR Part 463) on December 17, 1984 (49 FR 49040). There are three subcategories, all of which have best practicable control technology (BPT), new source performance standards (NSPS), pretreatment standards for existing sources (PSES), and pretreatment standards for new sources (PSNS) limitations. See Section 11.B of the *Preliminary 2005 Review of Prioritized Categories of Industrial Dischargers* (U.S. EPA, 2005a) for additional details on the subpart applicability and discharge limitations and standards.

The remainder of this section focuses on cellulose manufacturing facilities because their discharges remain the top concern for the PMF Category for the 2010 annual review, as they were for the 2005 and 2006 annual reviews.

EPA determined in the 2005 and 2006 annual reviews that cellulose film and sponge manufacturers were discharging large quantities of carbon disulfide (U.S. EPA, 2005a; U.S. EPA, 2006). The carbon disulfide discharges from the manufacture of cellulose product are not covered by Part 463 (the PMF Category). The product is made of regenerated cellulose using the viscose process, and Part 463 specifically excludes products manufactured from regenerated

cellulose, as well as the molding and forming of regenerated cellulose (U.S. EPA, 1984). Further, the *Development Document for Effluent Limitations Guidelines and New Source Performance Standards for the Plastics Molding and Forming Point Source Category* states that 40 CFR Part 414, Organic Chemicals, Plastics, and Synthetic Fibers (OCPSF) Point Source Category, covers only the manufacture of rayon, a regenerated cellulose fiber, and excludes the manufacture of cellulose film, sponge, and meat casings (U.S. EPA, 1987; U.S. EPA, 2005b). Thus, wastewater discharges from the manufacture of several cellulose products, including film, sponge, and meat casings, are not covered by any existing categorical ELGs or pretreatment standards. Additionally, neither PMF nor OCPSF regulate discharges of carbon disulfide, the pollutant of concern for the cellulose products manufacturers identified in the annual reviews of the PMF Category.

13.1.3 40 CFR Part 63 Subpart UUUU

On June 11, 2002, a NESHAP for Cellulose Products Manufacturing (40 CFR Part 63, Subpart UUUU) was promulgated (67 FR 40055). The Cellulose Products Manufacturing NESHAP regulated the Miscellaneous Viscose Processes and Cellulose Ethers Production Categories. The Miscellaneous Viscose Process category includes cellulose food casings, rayon, cellulosic sponge, and cellophane manufacturing facilities. The NESHAP established emissions limits for hazardous air pollutants (HAPs), such as carbon disulfide, carbonyl sulfide, ethylene oxide, methanol, methyl chloride, propylene oxide, and toluene. As a result, additional air pollution control may be transferring more carbon disulfide to the water via scrubbers. For more information on the Cellulose Products Manufacturing NESHAP see Section 15.1.3 of the *Technical Support Document for the 2006 Effluent Guidelines Program Plan* (2006 Technical Support Document) (U.S. EPA, 2006).

13.2 PMF Category 2010 Screening-Level Review

Table 13-4 compares the screening-level results for the PMF Category from the 2006 through 2010 annual reviews. The combined TWPE from discharges in the DMR and TRI databases decreased from discharge years 2002 to 2007, but increased from discharge years 2007 to 2008. Both the 2008 DMR TWPE and 2008 TRI TWPE increased significantly from the previous year. The increase in DMR TWPE is due to the addition of minor dischargers as part of the 2010 annual review and data entry errors for chlorine and diethylhexyl phthalate discharges (see Sections 13.4 and 13.6). The 2008 DMR TWPE accounts for approximately 70 percent of the total category TWPE.

Table 13-4. PMF Category TRI and DMR Discharges for the 2006 through 2010 Screening-Level Reviews

| Year of Discharge | Year of Review | PMF Category | | |
|-------------------|----------------|--------------|-----------------------|------------|
| | | TRI TWPE | DMR TWPE ^a | Total TWPE |
| 2002 | 2006 | 118,000 | 20,800 | 139,000 |
| 2004 | 2007 | 72,700 | 10,800 | 83,400 |
| 2005 | 2008 | 22,300 | NA | NA |
| 2007 | 2009 | 8,780 | 12,400 | 21,200 |
| 2008 | 2010 | 74,700 | 174,000 | 249,000 |

Source: *TRIRelases2002_v4*; *PCSLoads2002_v4*; *TRIRelases2004_v3*; *PCSLoads2004_v3*; *TRIRelases2005_v2*; *TRIRelases2007_v2*; *DMRLoads2007_v4*; *TRIRelases2008_v3*; and *DMRLoads2008_v2*.

a – DMR data from 2002 through 2007 includes only major discharges. 2008 DMR data includes both minor and major dischargers.

NA – Not applicable. EPA did not evaluate DMR data for 2005.

Table 13-5 presents the 2008 DMR TWPE by facility discharge classification. EPA excluded minor dischargers from previous annual reviews, but included them in the 2010 annual review. The majority (70 percent) of the TWPE in the 2008 DMR database is from minor dischargers.

Table 13-5. PMF Category 2008 DMR TWPE by Discharge Classification

| Year of Discharge ^a | TWPE from Minor Dischargers | TWPE from Major Dischargers |
|--------------------------------|-----------------------------|-----------------------------|
| 2008 | 121,000 | 52,900 |

Source: *DMRLoads2008_v2*.

a – Data for previous years of discharge are not included because EPA excluded minor dischargers from previous annual reviews.

13.3 PMF Pollutants of Concern

Table 13-6 lists the five pollutants with the highest TRI TWPE based on results from the 2010, 2009, and 2007 annual reviews (*TRIRelases2008_v3*, *TRIRelases2007_v2*, and *TRIRelases2004_v3*, respectively). Table 13-7 lists the five pollutants with the highest DMR TWPE based on results from the 2010, 2009, and 2007 annual reviews (*DMRLoads2008_v2*, *DMRLoads2007_v3*, and *PCSLoads2004_v4*, respectively).

Table 13-6. PMF Category Top TRI Pollutants

| Pollutant | 2004 TRI Database ^a | | | 2007 TRI Database ^a | | | 2008 TRI Database ^a | | |
|----------------------------------|---|--|---------------|---|--|--------------|---|--|---------------|
| | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE |
| Carbon Disulfide | 1 | 5 | 65,400 | 1 | 3 | 6,950 | 1 | 4 | 73,100 |
| Nitrate Compounds | 4 | 11 | 354 | 3 | 10 | 360 | 2 | 11 | 302 |
| Lead and Lead Compounds | 5 | 56 | 350 | 2 | 46 | 660 | 3 | 37 | 275 |
| Butyraldehyde | Pollutants not reported in the top five 2004 TRI reported pollutants. | | | 4 | 2 | 310 | 4 | 2 | 188 |
| Diethylhexyl Phthalate | | | | 5 | 8 | 121 | 5 | 8 | 157 |
| Dioxin and Dioxin-like Compounds | 2 | 1 | 5,410 | Pollutants not reported in the top five 2007 TRI reported pollutants. | | | Pollutants not reported in the top five 2008 TRI reported pollutants. | | |
| Formaldehyde | 3 | 4 | 389 | | | | | | |
| PMF Category Total | NA | 154 ^b | 76,700 | NA | 121 ^b | 8,780 | NA | 123 ^b | 74,700 |

Source: *TRIRelases2004_v3*, *TRIRelases2007_v2*; and *TRIRelases2008_v3*.

a – Discharges include transfers to POTWs and account for POTW removals.

b – Number of facilities reporting TWPE greater than zero.

NA – Not applicable.

Table 13-7. PMF Category Top DMR Pollutants

| Pollutant | 2004 DMR Database ^a | | | 2007 DMR Database ^a | | | 2008 DMR Database ^a | | |
|--------------------------------|---|--|---------------|---|--|---------------|---|--|----------------|
| | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE |
| Chlorine | Pollutant not reported in the top five 2004 DMR reported pollutants. | | | Pollutant not reported in the top five 2007 DMR reported pollutants. | | | 1 | 13 | 79,600 |
| Carbon Disulfide | 1 | 1 | 9,780 | 1 | 1 | 11,800 | 2 | 1 | 52,000 |
| Diethylhexyl Phthalate | Pollutant not reported in the top five 2004 DMR reported pollutants. | | | Pollutant not reported in the top five 2007 DMR reported pollutants. | | | 3 | 2 | 40,200 |
| Copper | 2 | 3 | 187 | 4 | 2 | 114 | 4 | 12 | 1,120 |
| Sulfate | 3 | 1 | 185 | 2 | 1 | 175 | 5 | 2 | 175 |
| Ammonia as Nitrogen | Pollutants not reported in the top five 2004 DMR reported pollutants. | | | 3 | 4 | 121 | Pollutants not reported in the top five 2008 DMR reported pollutants. | | |
| Cadmium | | | | 5 | 2 | 46 | | | |
| Nitrogen, Ammonia | 4 | 5 | 182 | Pollutants not reported in the top five 2007 DMR reported pollutants. | | | | | |
| Nitrogen, Nitrate (Total As N) | 5 | 1 | 106 | | | | | | |
| PMF Category Total | NA | 7^c | 10,800 | NA | 6^c | 12,400 | NA | 35^c | 174,000 |

Source: PCSLoads2004_v4; DMRLoads2007_v3; and DMRLoads2008_v2.

a – 2004 and 2007 DMR data include only major dischargers.

b – 2008 DMR data includes major and minor dischargers.

c – Number of facilities reporting TWPE greater than zero.

NA – Not applicable.

The PMF Category combined TWPE is dominated by carbon disulfide discharges, accounting for approximately 61 percent of the combined TWPE. Therefore, EPA focused the preliminary category review on carbon disulfide discharges from TRI and DMR along with the other top DMR-reported pollutants that account for the majority of the category TWPE.

Chlorine is the top DMR-reported pollutant in 2008, followed by carbon disulfide and diethylhexyl phthalate. EPA's additional review for chlorine, diethylhexyl phthalate, and carbon disulfide, the pollutants of concern, is presented in the following subsections. EPA did not investigate the other top pollutants as part of the 2010 annual review because they account for a small percentage (1 percent) of the 2008 PMF Category combined DMR and TRI TWPE.

13.4 PMF Category Chlorine Discharges in DMR

As part of the 2010 annual review of the PMF Category, EPA reviewed chlorine discharges in the 2008 DMR database. Approximately 46 percent of the 2008 DMR TWPE is from chlorine discharges. Table 13-8 presents the chlorine discharges from PMF facilities in the 2008 DMR database. Kinetico Inc., in Newberry, OH, accounts for 99 percent of the chlorine discharges in the 2008 DMR database for the PMF Category. This subsection provides information on Kinetico's chlorine discharges.

Table 13-8. PMF Category Chlorine Discharging Facilities in 2008 DMR Database

| Facility Name | Pounds of Chlorine Discharged | Chlorine TWPE | Percentage of PMF Category's 2008 DMR Chlorine TWPE |
|---|-------------------------------|---------------|---|
| Kinetico, Inc. | 159,000 | 79,500 | 99% |
| Remaining PMF Chlorine Dischargers ^a | 200 | 100 | 1% |
| Total | 159,000 | 79,600 | 100% |

Source: *DMRLoads2008_v2*.

a – There are 25 remaining PMF facilities that have chlorine discharges in *DMRLoads2008_v2* that account for about 1 percent of the PMF Category's 2008 chlorine TWPE.

Kinetico discharges chlorine from outfalls 001 and 003. The majority of the chlorine discharges from Kinetico are from outfall 003 (99.9 percent). Table 13-9 presents Kinetico's 2008 monthly discharge data in the DMR Loadings Tool for outfall 003. EPA compared the concentration and flow data from the DMR Loadings Tool to the data in Envirofacts²² and determined that there is a unit of measurement error for the outfall 003 flows. The flows in the DMR Loadings Tool were 1,000,000 times higher than the data in Envirofacts, also presented in Table 13-9. Using the outfall 003 flows from Envirofacts, Kinetico's chlorine discharges are 0.159 pounds and 0.079 TWPE for 2008, reducing the facility's total TWPE by 99 percent. This reduction in TWPE decreases the PMF Category's 2008 DMR TWPE by 79,500 TWPE.

²² EPA uses the data in Envirofacts as a source while reviewing the DMR Loadings Tool data because Envirofacts continually accepts and updates corrections submitted by facilities and states. The DMR Loadings Tool is not continuously updated; therefore, loads may be estimated with erroneous data.

Table 13-9. Kinetico, Inc. 2008 Monthly Chlorine and Flow Discharge Data

| Outfall | Monitoring Period Date | NODI Code ^a | DMR Loadings Tool Maximum Chlorine Concentration (mg/L) | DMR Loadings Tool Flow (MGD) | EPA Envirofacts Flow (MGD) |
|---------|------------------------|------------------------|---|------------------------------|----------------------------|
| 003 | 31-May-08 | Q | | 377 | 0.000378 |
| 003 | 30-Jun-08 | Q | | 297 | 0.000297 |
| 003 | 31-Jul-08 | Q | | 305 | 0.000304 |
| 003 | 31-Aug-08 | Q | | 289 | 0.000289 |
| 003 | 30-Sep-08 | | 0.1 | 529 | 0.000529 |
| 003 | 31-Oct-08 | Q | | 391 | 0.000391 |

Source: DMR Loadings Tool and Envirofacts.

a – NODI Code Q means that the concentration is not quantifiable.

13.5 PMF Category Carbon Disulfide Discharges in DMR and TRI

The 2010 annual review of the PMF Category focused on carbon disulfide discharges in the 2008 DMR and TRI databases. Carbon disulfide discharges accounted for 50 percent of the combined 2008 DMR and TRI TWPE for the PMF Category. This subsection provides information on the manufacture of regenerated cellulose products because this industry segment is responsible for the PMF Category carbon disulfide discharges. This subsection also includes information on the top carbon disulfide facilities in the 2008 DMR and TRI databases, including wastewater sources and treatment.

13.5.1 Regenerated Cellulose Products

As part of the 2005 annual review, EPA determined that the carbon disulfide discharges come from facilities that manufacture regenerated cellulose products, such as cellophane, cellulosic sponge, and meat casings (U.S. EPA, 2005a). For the 2006 annual review, EPA reviewed a study of the cellulose products manufacturing facilities that was written in support of the Cellulose Products Manufacturing NESHAP. The information gathered during the study is summarized in the memorandum *Industry Profile of Cellulose Products Manufacturing Facilities in the U.S.* (Schmidtke, 2000). The findings regarding the regenerated cellulose industry from the 2006 annual review are summarized below. See Section 15.5.1 in the 2006 Technical Support Document (U.S. EPA, 2006) for additional details.

The viscose process is used to manufacture cellulose film, sponge, meat casings, and rayon. In the viscose process, sheets of dissolving-grade cellulose pulp are saturated with caustic to convert the cellulose into alkali cellulose. The alkali cellulose is pressed to remove the excess caustic and is shredded to increase the surface area for easier processing. After shredding, the alkali cellulose resembles “white crumbs.” The alkali cellulose partially oxidizes and degrades by aging in ambient air. Gaseous carbon disulfide is mixed with the aged alkali cellulose in a vessel to form sodium cellulose xanthate, resembling “yellow crumbs.” The sodium cellulose xanthate is dissolved in aqueous caustic solution, creating the viscose solution. The viscose solution is ripened, filtered, degassed, and extruded and then sulphuric acid is added to the viscose solution to form regenerated cellulose (Schmidtke, 2000). The manufacture of rayon, cellophane, and meat casings differ in the type of extrusion dye and the post-regeneration processing, which includes at least washing and bleaching.

The manufacture of cellulosic sponge differs slightly. The sheets of dissolving-grade pulp are converted into alkali cellulose, followed by xanthation into sodium cellulose xanthate using carbon disulfide, and formation of the viscose solution. The viscose solution is then mixed with sodium sulphate crystals, other fibers, and dyes. The mixture is poured into a mold or extruded under high temperature to melt the sodium sulphate crystals, leaving the pores characteristic of sponges. The remaining processing of the cellulose sponges includes bleaching, washing, cutting, and possibly packaging. Some facilities that manufacture sponges do not make viscose and thus do not use carbon disulfide. Instead they purchase blocks of hardened viscose that they dissolve to form the softened viscose for processing (Schmidtke, 2000).

13.5.2 Regenerated Cellulose Facility Information

EPA identified cellulose products manufacturers in the United States using the TRI and DMR databases and data from a study of the cellulose products manufacturing industry conducted by EPA's Office of Air Quality Planning and Standards (OAQPS) during their development of NESHAP regulations (Schmidtke, 2000). Table 13-10 lists the six U.S. cellulose products manufacturers identified in the PMF Category. There may be additional cellulose manufacturing facilities in the United States not included in the available sources.

In addition, rayon manufacturers are not discussed in this section. Their manufacturing process is identical to other cellulose manufacturing processes, but they form fibers instead of sheets, tubes, or sponges. However, these manufacturers are regulated under Part 414: OCPSF. OCPSF does not regulate carbon disulfide discharges.

Four of the six facilities reported wastewater discharges of carbon disulfide to TRI in 2008, and one of the 2008 TRI facilities also has discharges of carbon disulfide in the 2008 DMR database. Although all six regenerated cellulose facilities have National Pollutant Discharge Elimination System (NPDES) permit IDs, there are data for only three of them in the 2008 DMR database. Table 13-11 presents the total pollutant discharges for the regenerated cellulose facilities in the 2008 TRI and DMR databases, along with the discharges of carbon disulfide. Table 13-11 excludes the 3M Corporation facilities in Elyria, OH and Prairie du Chien, WI because these facilities do not have data for 2008 in PCS or ICIS-NPDES and TRI.

EPA reviewed additional information on two of the facilities reporting carbon disulfide discharges in 2008, Innovia Films in Tecumseh, KS and Viskase in Loudoun, TN. Specific information regarding these facilities is presented in the following subsections.

Table 13-10. Cellulose Manufacturers in the United States ^a

| TRI ID (NPDES ID) | Facility Name | Facility Location | Product Type | Discharge Type | Permit Notes |
|--------------------------------|---------------------|----------------------|--------------------|-----------------------|---|
| 66542FLXLN6000S (KS0003204) | Innovia Films Inc. | Tecumseh, KS | Cellophane | Direct | Carbon disulfide monitoring required after activated sludge basin because it inhibits the biological process at concentrations above 35 mg/L. Facility must notify regulators if carbon disulfide exceeds 17.5 mg/L. |
| 61832TPKNC915NM (ILR000333) | Viscofan USA Inc. | Danville, IL | Meat Casings | Indirect | Facility only has a general storm water permit; the facility discharges process wastewater indirectly. |
| 37774VSKSCEASTL (TN0001457) | Viskase Corporation | Loudon, TN | Meat Casings | Indirect ^b | Permit limits are based on state regulations and treatability. |
| 72370VSKSCRT198 (AR0036544) | Viskase Corporation | Osceola, AR | Meat Casings | Direct | Facility is a minor discharge facility. |
| 14150GNRLM305SA (NYR00D034) | 3M Corporation | Tonawanda, NY | Cellulosic Sponges | Indirect | Facility does not have DMR data because it discharges indirectly. No permit available. |
| 44035NYLNG1301L (NA) | 3M Corporation | Elyria, OH | Cellulosic Sponges | Unknown | Does not report discharges to PCS or ICIS-NPDES. Does not report wastewater discharges to TRI. No permit available. |
| 53821MCMPN217NO (NA) | 3M Corporation | Prairie du Chien, WI | Cellulosic Sponges | Indirect | Does not report discharges to PCS or ICIS-NPDES. Does not report wastewater discharges to TRI after 2001. No permit available. |
| 38402SPNTXSANTA (TN0001571) | Spontex Inc. | Columbia, TN | Cellulosic Sponges | Direct | Permit writer used OCPSF Subpart D – Thermoplastic Resins BPT limitations for NPDES permit. The permit writer did not apply BAT limitations because the facility produced less than 5 million pounds of product per year. |

Source: Company Websites (Devro, Unknown; Innovia Films, 2004; Spontex, 2004; Viskase, 2002); *TRIReleases2002_4*; *TRIReleases2003_2*; Facility NPDES Permits (TDEC, 2002; IEPA, 2003; KDHE, 2005; ADEQ, 2000; TDEC, 2005); and *Industry Profile of the Cellulose Products Manufacturing Facilities in the U.S.* (Schmidtke, 2000).

a – Rayon is included in cellulose manufacturers; however, these facilities are not presented in this table. Wastewater discharges from rayon manufacturing are covered under the OCPSF Category (40 CFR Part 414).

b – EPA believes the facility is an indirect discharger because the facility reports POTW transfers and not surface water releases to TRI. DMR does not contain data for this facility, although they have a NPDES permit that expired in December 2006. EPA believes they began discharging only to a POTW sometime after 1991.

NA – Not applicable.

Table 13-11. 2008 TRI and DMR Discharges for Cellulose Products Manufacturing Facilities

| Facility Name | 2008 TRI | | | | 2008 DMR | | | |
|------------------------------------|--------------------------------------|------------|---|-----------------------|-------------------------|------------|------------------------------------|-----------------------|
| | Total Pounds Discharged ^a | Total TWPE | Carbon Disulfide Pounds Discharged ^a | Carbon Disulfide TWPE | Total Pounds Discharged | Total TWPE | Carbon Disulfide Pounds Discharged | Carbon Disulfide TWPE |
| Innovia Films Inc. Tecumseh, KS | 38,300 | 55,600 | 19,900 | 55,600 | 84,400,000 | 52,200 | 18,600 | 52,000 |
| Viscofan USA Inc. Danville, IL | 6,890 | 10,800 | 3,810 | 10,800 | NA | NA | NA | NA |
| Viskase Corporation Loudon, TN | 1,990 | 5,540 | 1,920 | 5,380 | NA | NA | NA | NA |
| Viskase Corporation Osceola, AR | 14,800 | 1,330 | 470 | 1,320 | 241,000 | 122 | NR | NR |
| 3M Corporation Tonawanda, NY | 768 | 2,150 | NR | NR | NA | NA | NA | NA |
| Spontex Inc. Columbia, TN | 219 | 613 | NR | NR | 40,900 | 14.4 | NR | NR |

Source: *TRIRelases2008_v3* and *DMRLoads2008_v2*.

a – Discharges include transfers to POTWs and account for POTW removals (i.e., the amount shown assumes that the POTW removed some of the pollutant).

NA – Not applicable. These facilities are indirect dischargers.

NR – Not reported.

13.5.2.1 Innovia Films in Tecumseh, KS

EPA reviewed the carbon disulfide discharges from Innovia Films in Tecumseh, KS as part of the 2010 annual review because this facility has the largest discharge of carbon disulfide in the 2008 TRI and DMR databases. The pounds of carbon disulfide reported in 2008 TRI is close to the annual pounds discharged calculated in 2008 DMR database. Innovia Films estimated their carbon disulfide releases based on periodic monitoring data. EPA believes that Innovia Films used their carbon disulfide DMR data to report to TRI. Therefore, EPA reviewed the 2008 DMR carbon disulfide discharges from Innovia Films only as part of the 2010 annual review.

During the 2006 annual review, EPA reviewed carbon disulfide discharges for Innovia Films. EPA contacted Innovia Films, because it was the only facility reporting discharges of carbon disulfide for the PMF Category in the 2002 DMR database. The facility provided corrections to the effluent carbon disulfide concentrations, and EPA corrected the estimated pounds of pollutant discharged. The facility contact indicated that the carbon disulfide discharges reported resulted from wet scrubbing of the gaseous by-products (Martin, 2006).

Table 13-12 presents the carbon disulfide discharge data in the DMR Loadings Tool for 2008 along with the facility-corrected carbon disulfide data from 2006, for comparison purposes. The carbon disulfide concentrations and discharge flows for 2008 are similar to the corrected 2006 data. Therefore, EPA determined that the data are likely accurate, and Innovia Films is likely discharging more than 18,000 pounds of carbon disulfide from Outfall 001 annually.

Table 13-12. Innovia Films 2008 Monthly Carbon Disulfide Discharge Data

| Outfall | Monitoring Period Date | 2006 Facility-Provided Carbon Disulfide Concentration (mg/L) | 2008 DMR Loadings Tool Carbon Disulfide Concentration (mg/L) | 2006 Facility-Provided Flow (MGD) | 2008 DMR Loadings Tool Flow (MGD) |
|---------|------------------------|--|--|-----------------------------------|-----------------------------------|
| 001 | 31-Jan-08 | 2.39 | 2.03 | 1.94 | 1.90 |
| 001 | 29-Feb-08 | 3.41 | 4.98 | 2.03 | 1.98 |
| 001 | 31-Mar-08 | 0.362 | 9.48 | 2.02 | 2.08 |
| 001 | 31-May-08 | 0.072 | 0.747 | 2.06 | 1.78 |
| 001 | 30-Jun-08 | 0.019 | 0.557 | 2.08 | 1.96 |
| 001 | 31-Jul-08 | 0.005 | 0.368 | 1.87 | 1.68 |
| 001 | 31-Aug-08 | 0.022 | 0.75 | 1.74 | 1.91 |
| 001 | 30-Sep-08 | 0.028 | 5.76 | 1.96 | 2.01 |
| 001 | 31-Oct-08 | 0.095 | 0 | 1.93 | 1.79 |
| 001 | 30-Nov-08 | 0.609 | 8.34 | 2.03 | 1.71 |
| 001 | 31-Dec-08 | 2.39 | 2.15 | 1.94 | 1.80 |

Source: DMR Loading Tool and Facility Contact (Martin, 2006).

13.5.2.2 Viskase Corporation in Loudoun, TN

The Viskase facility in Loudoun, TN manufactures cellulose casings and discharges water to the adjacent POTW. The facility consistently reports releases of approximately 100,000 pounds of carbon disulfide to the POTW (based on TRI data from 2005 through 2008).

As part of its reviews, EPA contacted the facility and the POTW receiving the facility's wastewater in 2009. The facility contact indicated that they estimate their discharges of carbon disulfide for TRI using sampling data that is collected every two or three years. The POTW contact indicated that in addition to Viskase sampling at the point where the discharge leaves the facility, the POTW samples for carbon disulfide when the discharge enters the POTW facility from a pipe connecting the two adjacent properties. The combined data show that the facility releases close to 100,000 pounds of carbon disulfide to the POTW, but the POTW receives less than 3,000 pounds from the discharge pipe. This decrease in pollutant load suggests the possible volatilization of 97,000 pounds of carbon disulfide within the discharge pipe, but warrants further investigation (Birkholtz, 2009; Glarrow, 2009; U.S. EPA, 2009).

The data in *TRIReleases2008_v3* are consistent with the information collected from the facility and POTW. As a result, no corrections were made to the 2008 TRI data.

13.5.3 Wastewater Sources of Carbon Disulfide

At cellulose products manufacturing facilities, the main wastewater sources of carbon disulfide include railcar unloading, carbon disulfide storage, and air pollution control (Schmidtke, 2000).

Carbon disulfide gas is delivered to most cellulose products facilities by railcar. Unloading the railcar requires filling it with water or nitrogen to displace the carbon disulfide into the storage tank. Facilities using water displacement generate carbon-disulfide-saturated wastewater during railcar unloading, which is sent to the facility's wastewater treatment system. Facilities using nitrogen displacement do not produce the carbon-disulfide-saturated wastewater during railcar unloading. EPA determined that Spontex Inc. was the only facility of the eight listed in Table 13-10 that uses water to displace carbon disulfide during unloading as of 2000 (Schmidtke, 2000).

Carbon disulfide storage tanks are typically submerged under water in a concrete-lined pool. This allows any carbon disulfide leaks to collect in the bottom of the pool to avoid atmospheric releases. In addition to the underwater storage, the tanks have a water or nitrogen padding system to fill the headspace in the tank and further prevent contact with oxygen. The padding is in direct contact with the carbon disulfide, creating wastewater saturated with carbon disulfide if a water padding system is used. The water padding in the storage tank is displaced into the water pool when the storage tanks are filled. Displaced water in the pool and water padding is sent to the wastewater treatment system. As of 2000, EPA determined that, of the facilities listed in Table 13-10, only Viscofan USA Inc, 3M Corporation Tonawanda, and Spontex Inc. use a water padding system (Schmidtke, 2000).

Gaseous by-products in the regeneration of cellulose, including hydrogen sulfide and carbon disulfide, are off-gassed from the process equipment. Pollutants in the vented gas can be removed via a wet gas scrubber, which uses an aqueous solution to remove the air pollutants.

The wet scrubber removal efficiency for carbon disulfide is low but the scrubber effluent may contain some carbon disulfide (Schmidtke, 2000). Discharges reported by Innovia Films Inc. are due to wet scrubbing of the gaseous by-products (Martin, 2006).

13.5.4 Regenerated Cellulose Wastewater Treatment

Table 13-13 summarizes the wastewater treatment known to be used by cellulose products manufacturing facilities.

Table 13-13. Cellulose Products Facilities Wastewater Treatment

| Product | Number of Facilities | Pretreatment Used by Indirect Dischargers | Treatment Used by Direct Dischargers |
|--------------------|----------------------|---|---|
| Cellophane | 1 | NA | Neutralization, settling, equalization, second neutralization, aeration, and clarification. |
| Food Casings | 3 | Neutralization, potential filtration and settling. Achieved carbon disulfide (CS ₂) concentrations of 5-20 parts per million (ppm). | Neutralization using lime, equalization, and clarification. |
| Cellulosic Sponges | 4 | Neutralization and oxidization | Equalization, aeration, and clarification. |

Source: *Industry Profile of the Cellulose Products Manufacturing Facilities in the U.S.* (Schmidtke, 2000).
NA – Not applicable.

13.6 PMF Category Diethylhexyl Phthalate Discharges in DMR

As part of the 2010 annual review of the PMF Category, EPA reviewed diethylhexyl phthalate discharges in the 2008 DMR database. Approximately 30 percent of the 2008 DMR TWPE results from diethylhexyl phthalate discharges. Table 13-14 presents the facilities in 2008 DMR that discharge diethylhexyl phthalate. One facility, Flexco Corp. in Tuscumbia, AL, accounts for over 99 percent of the discharges in the 2008 DMR. This subsection provides information on Flexco's diethylhexyl phthalate discharges.

Table 13-14. PMF Category Diethylhexyl Phthalate Discharging Facilities in 2008 DMR Database

| Facility Name | Major/Minor Facility Discharger | Pounds of Diethylhexyl Phthalate Discharged | Diethylhexyl Phthalate TWPE | Percentage of PMF Category Diethylhexyl Phthalate TWPE |
|---------------------|---------------------------------|---|-----------------------------|--|
| Flexco Corp. | Minor | 969,000 | 40,200 | >99% |
| DuPont Teijin Films | Major | 9.7 | 2.3 | <1% |
| Total | | 969,000 | 40,200 | 100% |

Source: *DMRLoads2008_v2*.

All of Flexco's diethylhexyl phthalate discharges are from outfall 003. Table 13-15 presents Flexco's 2008 diethylhexyl phthalate discharge data from the DMR Loadings Tool.

EPA contacted Flexco to verify the 2008 diethylhexyl phthalate discharges in the DMR Loadings Tool. The facility contact confirmed that the November 2009 sample concentration was below detection and should have been reported as NODI Code B (below the detection limit) (Blazer, 2010). Because all of the facility diethylhexyl phthalate concentrations were below detection, the facility's revised diethylhexyl phthalate load and TWPE are zero, reducing the facility's total TWPE by 100 percent. This reduction in TWPE decreases the PMF Category's 2008 DMR TWPE by 40,200 TWPE.

Table 13-15. Flexco Corp. 2008 Monthly Diethylhexyl Phthalate Discharge Data

| Outfall | Monitoring Period Date | NODI Code ^a | Diethylhexyl Phthalate Maximum Concentration (mg/L) | Average Flow (MGD) |
|---------|------------------------|------------------------|---|--------------------|
| 003 | 31-Jan-08 | B | | 0.173 |
| 003 | 29-Feb-08 | B | | 0.173 |
| 003 | 31-Mar-08 | B | | 0.173 |
| 003 | 31-May-08 | B | | 0.173 |
| 003 | 30-Jun-08 | B | | 0.173 |
| 003 | 31-Jul-08 | B | | 0.258 |
| 003 | 31-Aug-08 | B | | 0.305 |
| 003 | 30-Sep-08 | B | | 0.283 |
| 003 | 31-Oct-08 | B | | 0.283 |
| 003 | 30-Nov-08 | | 109 | 0.475 |
| 003 | 31-Dec-08 | B | | 0.493 |

Source: DMR Loadings Tool.

a – Below the detection limit.

13.7 PMF Category Conclusions

The estimated toxicity of the PMF Category discharges result mainly from the carbon disulfide discharges of regenerated cellulose facilities (accounting for 50 percent of the category's 2008 combined DMR and TRI TWPE). Data collected for the 2010 annual review demonstrated that wastewater discharge characteristics for this category are consistent with discharges from prior years. As in prior years, EPA makes the following conclusions:

- Database errors for discharges of chlorine were identified. After correcting these errors, the PMF Category total chlorine TWPE decreased by 99 percent, from 79,600 to 100 TWPE.
- Database errors for discharges of diethylhexyl phthalate were identified. After correcting these errors, the PMF Category total diethylhexyl phthalate pounds and TWPE decreased to zero (a decrease of 100 percent).
- Carbon disulfide discharges from cellulose manufacturers were identified as a possible concern. Carbon disulfide discharges are not regulated by the PMF ELGs. The OCPSF Category does not regulate carbon disulfide for rayon manufacturers. Therefore, carbon disulfide discharges from cellulose manufacturers are not regulated under any ELGs.

- From available data, 50 percent of regenerated cellulose manufacturers (excluding rayon fiber facilities) discharge directly to surface waters; 50 percent discharge to POTWs.
- Many regenerated cellulose facilities do not have permit limits for carbon disulfide but are required to monitor for it. The facilities that monitor carbon disulfide are reporting discharges at measurable concentrations, above the detection limit.
- Based on the 2010 annual review, EPA intends to conduct an expanded preliminary category review of carbon disulfide discharges as part of the 2011/2012 planning cycle.

EPA prioritizes point source categories with existing regulations for potential revision based on the greatest estimated toxicity to human health and the environment, measured as TWPE. Based on the above conclusions, EPA is assigning this category with a lower priority for revision (i.e., this category is marked with “(5)” in the “Findings” column in Table V-1 in the Federal Register notice that presents the 2009 annual review of existing ELGs).

13.8 PMF Category References

1. ADEQ. 2000. Arkansas Department of Environmental Quality. National Pollution Discharge Elimination System Permit Application NPDES – AR0036544 – Viskase Corporation, Osceola, AR. Little Rock, AR. (December, 31). EPA-HQ-OW-2004-0032-1205.
2. Birkholtz, Dave. 2009. Telephone conversation with Dave Birkholtz of City of Loudoun, TN POTW and Eleanor Coddling of Eastern Research Group, Inc. “Carbon Disulfide Discharges Reported to TRI by Viskase Facility in Loudoun, TN.” (March 12). EPA-HQ-OW-2008-0517 DCN 07300.
3. Blazer, Don. 2010. E-mail communication with Don Blazer of Flexco Corp. in Tuscumbia, AL and Elizabeth Sabol of Eastern Research Group, Inc. “Flexco Corp. DMR Clarification.” (July 8). EPA-HQ-OW-2008-0517 DCN 07301.
4. Devro. Unknown. Product Availability. Available online at: <http://www.devro.plc.uk/products/index.htm>. Date accessed: June 22, 2005. EPA-HQ-OW-2004-0032-0259.
5. Glarrow, Patrick. 2009. Telephone communication with Patrick Glarrow of Viskase in Loudoun, TN and Eleanor Coddling of Eastern Research Group, Inc. “Carbon Disulfide Discharges Reported to TRI by Viskase Facility in Loudoun, TN.” (March 10). EPA-HQ-OW-2008-0517-0074.
6. IEPA. 2003. Illinois Environmental Protection Agency Division of Water Pollution Control. General NPDES Permit for Storm Water Discharges from Industrial Activities. Springfield, IL. EPA-HQ-OW-2004-0032-1209.

7. Innovia Films. 2004. Company Profile. Available online at: <http://www.innoviafilms.com/corporate/profile.htm>. Date accessed: June 22, 2005. EPA-HQ-OW-2004-0032-0261.
8. KDHE. 2005. Kansas Department of Health and Environment. Kansas Water Pollution Control Permit and Authorization to Discharge Under NPDES KS0003204 – Innovia Films, Tecumseh, KS. Topeka, KS. (December 5). EPA-HQ-OW-2004-0032-1210.
9. Martin, Tony. 2006. Telephone conversation with Tony Martin of Innovia Films Inc. and Jessica Wolford of Eastern Research Group, Inc. “Discussion of Carbon Disulfide Discharges for Innovia Films Inc. (KS0003204).” (April 27). EPA-HQ-OW-2004-0032-2324.
10. Schmidtke, Karen and Thomas Holloway. 2000. *Industry Profile of the Cellulose Products Manufacturing Facilities in the U.S. Prepared for U.S. EPA National Emissions Standards for Hazardous Air Pollutants: Cellulose Products Manufacturing*. Cary, NC. (April 11). EPA-HQ-OAR-2003-0193-0004.
11. Spontex. 2004. MAPA Spontex, Inc. Wiping Products. Available online at: <http://www.spontexusa.com/products.cfm?PRTID=1>. Date accessed: June 22, 2005. EPA-HQ-OW-2004-0032-0269.
12. TDEC. 2002. Tennessee Department of Environment and Conservation. State of Tennessee National Pollutant Discharge Elimination System Permit NPDES TN0001457 – Viskase Corporation, Loudon, TN. Nashville, TN. EPA-HQ-OW-2004-0032-1207.
13. TDEC. 2005. Tennessee Department of Environment and Conservation. State of Tennessee National Pollutant Discharge Elimination System Permit NPDES Permit TN0001571 – Spontex Inc., Columbia, TN. Nashville, TN. 2005. EPA-HQ-OW-2004-0032-1208.
14. U.S. Census. 2002. U.S. Economic Census. Available online at: <http://www.census.gov/econ/census02>.
15. U.S. EPA. 1984. *Development Document for Effluent Limitations Guidelines and New Source Performance Standards for the Plastics Molding and Forming Point Source Category*. EPA 440/1-84/069. Washington, DC. (December).
16. U.S. EPA. 1987. *Development Document for Effluent Limitations Guidelines and Standards for the Organic Chemical, Plastics, and Synthetic Fibers Point Source Category - Final*. EPA 4401-87-009. Washington, DC. (October).
17. U.S. EPA. 2005a. *Preliminary Review of Prioritized Categories of Industrial Dischargers*. EPA-821-B-05-004. Washington, DC. (August). EPA-HQ-OW-2004-0032-0053.

18. U.S. EPA. 2005b. *Product and Product Group Discharges Subject to Effluent Limitations and Standards for the Organic Chemicals, Plastics, and Synthetic Fibers Point Source Category - 40 CFR 414*. Washington, DC. EPA-HQ-OW-2004-0032-0941.
19. U.S. EPA. 2006. *Technical Support Document for the 2006 Effluent Guidelines Program Plan*. EPA-821-R-06-018. Washington, DC. (December). EPA-HQ-OW-2004-0032-2782.
20. U.S. EPA. 2009. *Technical Support Document for the Preliminary 2010 Effluent Guidelines Program Plan*. EPA-821-R-09-006. Washington, DC. (October). EPA-HQ-OW-2008-0517-0515.
21. Viskase. 2002. Viskase Companies, Inc. Viskase Casing Solutions Worldwide. Available online at: <http://www.viskase.com/>. Date accessed: June 22, 2005. EPA-HQ-OW-2004-0032-0264.

14. TEXTILE MILLS (40 CFR PART 410)

EPA selected the Textile Mills (Textiles) Category for preliminary review because it continues to rank high, in terms of toxic-weighted pound equivalent (TWPE), in point source category rankings (see Table 5-3 for the point source category rankings). This industry was reviewed previously in EPA's Preliminary and Final 2006 Effluent Guidelines Program Plans and the Preliminary 2008 Effluent Guidelines Program Plan (U.S. EPA, 2005; U.S. EPA, 2006; U.S. EPA, 2007). This section summarizes the 2010 annual review associated with the Textiles Category. EPA focused on discharges of mercury, aluminum, toxaphene, sulfide, and aldrin, because of their high TWPE relative to other pollutants in the Textiles Category.

14.1 Textiles Category Background

This subsection provides background on the Textiles Category including a brief industry profile of the textiles industry and background on 40 CFR Part 410.

14.1.1 Textiles Industry Profile

The Textiles Category includes facilities that manufacture and process textile materials, such as carpets, broad woven fabrics, and knitwear. It also includes facilities using wet processes, such as scouring, dyeing, finishing, printing, and coating, which discharge contact wastewater. EPA considered the following 21 North American Industry Classification System (NAICS) codes as part of the Textiles Category:

- 313111: Yarn Spinning Mills;
- 313112: Yarn Texturizing, Throwing, and Twisting Mills;
- 313113: Thread Mills;
- 313210: Broadwoven Fabric Mills;
- 313221: Narrow Fabric Mills;
- 313230: Nonwoven Fabric Mills;
- 313241: Weft Knit Fabric Mills;
- 313249: Other Knit Fabric and Lace Mills;
- 313311: Broadwoven Fabric Finishing Mills;
- 313312: Textile and Fabric Finishing (except Broadwoven Fabric) Mills;
- 313320: Fabric Coating Mills;
- 314110: Carpet and Rug Mills;
- 314992: Tire Cord and Tire Fabric Mills;
- 314999: All Other Miscellaneous Textile Product Mills;
- 315111: Sheer Hosiery Mills;
- 315119: Other Hosiery and Sock Mills;
- 315191: Outerwear Knitting Mills;
- 315192: Underwear and Nightwear Knitting Mills;
- 315992: Glove and Mitten Manufacturing.
- 315999: Other Apparel Accessories and Other Apparel Manufacturing; and
- 336360: Motor Vehicle Seating and Interior Trim Manufacturing.

This list of Standard Industrial Classification (SIC) codes includes facilities that EPA determined are potential new subcategories to the Textiles Category. As part of the 2004 annual review, EPA reviewed industries with SIC codes not clearly subject to existing effluent

limitation guidelines and standards (ELGs). EPA concluded that the processes, operations, wastewaters, and pollutants of facilities in the following SIC codes are similar to those of the Textiles Category (U.S. EPA, 2004).²³

- 2322: Men's and Boys' Underwear and Nightwear;
- 2396: Automotive Trimmings, Apparel Findings, and Related Products; and
- 2399: Fabricated Textile Products, Not Elsewhere Classified.

As part of the 2009 annual review, EPA reclassified these SIC codes as equivalent NAICS codes for use with the U.S. Economic Census and Toxics Release Inventory (TRI) data that are reported by NAICS code. However, there is not a direct relationship between one SIC and one NAICS code. As a result, EPA included the following NAICS codes in the 2010 annual review of the Textiles Category because they contain facilities with operations that are similar to the SIC codes above:

- 314999: All Other Miscellaneous Textile Product Mills; and
- 336360: Motor Vehicle Seating and Interior Trim Manufacturing.

Because the Permit Compliance System (PCS) and Integrated Compliance Information System - National Pollutant Discharge Elimination System (ICIS-NPDES), the sources of the discharge monitoring report (DMR) data used to develop *DMRLoads2008*, report facilities by SIC code, and the U.S. Economic Census and TRI report data by NAICS code, EPA reclassified the 2008 DMR by the equivalent NAICS code. Table 14-1 lists the number of facilities from the U.S. Economic Census and the screening-level databases for the 21 NAICS codes with operations in the Textiles Category, the corresponding SIC codes are included for reference. The U.S. Economic Census includes more facilities than the screening-level databases because of many possible factors including: facilities may not meet TRI-reporting thresholds, facilities may discharge to a publicly owned treatment works (POTW), and some facilities in the U.S. Economic Census are distributors or sales facilities, not manufacturers.

²³ The tables in this section include discharge information from facilities reporting these SIC codes and the corresponding NAICS codes; however, these facilities contribute negligible amounts of TWPE. Consistent with the conclusions drawn during the 2004 annual review (U.S. EPA, 2004) and the 2006 review (U.S. EPA, 2006), EPA found that large numbers of these facilities discharge no wastewater and only a small number of facilities discharge TWPE greater than zero.

Table 14-1. Number of Textiles Facilities

| NAICS Code | Corresponding SIC Code | Number of Facilities | | |
|---|--|---------------------------|--------------------------------|--------------------------------|
| | | 2002 U.S. Economic Census | 2008 DMR Database ^a | 2008 TRI Database ^b |
| 313111: Yarn Spinning Mills | 2211: Broadwoven Fabric Mills, Cotton; 2221: Broadwoven Fabric Mills, Manmade Fiber and Silk; 2231: Broadwoven Fabric Mills, Wool; 2241: Narrow Fabric and Other Smallware Mills: Cotton, Wool, Silk, and Manmade Fiber; 2251: Women's Full-Length and Knee-Length Hosiery, Except Socks; 2252: Hosiery, NEC; 2253: Knit Outerwear Mills; 2254: Knit Underwear and Nightwear Mills; 2257: Weft Knit Fabric Mills; 2258: Lace and Warp Knit Fabric Mills; 2259: Knitting Mills, NEC 2261: Finishers of Broadwoven Fabrics of Cotton; 2262: Finishers of Broadwoven Fabrics of Manmade Fiber and Silk; 2269: Finishers of Textiles, NEC; 2281: Yarn Spinning Mills; 2284: Thread Mills; 2295: Coated Fabrics, Not Rubberized; 2297: Nonwoven Fabrics; 2299: Textile Goods, NEC | 351 | 214 | 3 |
| 313113: Thread Mills | | 87 | | 4 |
| 313210: Broadwoven Fabric Mills | | 762 | | 14 |
| 313221: Narrow Fabric Mills | | 236 | | 2 |
| 313230: Nonwoven Fabric Mills | | 264 | | 10 |
| 313312: Textile and Fabric Finishing (except Broadwoven Fabric) Mills | | 365 | | 16 |
| 313241: Weft Knit Fabric Mills | | 180 | | 2 |
| 313249: Other Knit Fabric and Lace Mills | | 182 | | 1 |
| 313311: Broadwoven Fabric Finishing Mills | | 1,006 | | 20 |
| 313320: Fabric Coating Mills | | 219 | | 53 |
| 315111: Sheer Hosiery Mills | | 101 | | 0 |
| 315119: Other Hosiery and Sock Mills | | 308 | | 0 |
| 315191: Outerwear Knitting Mills | | 398 | | 0 |
| 315192: Underwear and Nightwear Knitting Mills | | 36 | | 0 |
| 315999: Other Apparel Accessories and Other Apparel Manufacturing | | 991 | | 1 |
| 313112: Yarn Texturizing, Throwing, and Twisting Mills | 2282: Yarn Texturizing, Throwing, Twisting and Winding Mills | 142 | 3 | 0 |
| 314110: Carpet and Rug Mills | 2273: Carpets and Rugs | 405 | 13 | 30 |
| 314992: Tire Cord and Tire Fabric Mills | 2296: Tire Cord and Fabrics | 25 | 5 | 14 |
| 314999: All Other Miscellaneous Textile Product Mills | 2298: Cordage and Twine; 2399: Fabricated Textile Products, NEC | 2,312 | 8 | 8 |
| 336360: Motor Vehicle Seating and Interior Trim Manufacturing | 2396: Automotive Trimmings, Apparel Findings, and Related Products | 387 | 5 | 33 |
| 315992: Glove and Mitten Manufacturing | NA | 96 | 0 | 1 |
| Total | | 8,853 | 248 | 212 |

Source: U.S. Economic Census, 2002 (U.S. Census, 2002); *TRIRelases2008_v3*; and *DMRLoads2008_v2*.

a – Major and minor dischargers. Also, DMR data are reported by SIC code; therefore, EPA used an NAICS-to-SIC-code crosswalk for comparison purposes.

b – Releases to any media.

NA – Not applicable.

Table 14-2 shows whether permitting authorities designated direct dischargers as minor or major (see Section 4.1.5) for facilities in the Textiles Category. EPA included data for minor dischargers for the first time in the 2010 annual review, as part of *DMRLoads2008_v2* database. EPA does not require permitting authorities to submit DMR data for minor dischargers; however, many states do provide complete DMR data for them. From this year's review, EPA observed many data entry or other errors for minor dischargers in addition to those previously identified for major dischargers, as discussed in Section 4.3. Table 14-2 shows that approximately 79 percent of the Textiles Category dischargers in the 2008 DMR database are minor dischargers.

Table 14-2. Number of Textiles Facilities by Discharge Classification in 2008 DMR Database

| NAICS Code ^a | Number of Facilities in 2008 DMR Database | | |
|---|---|-------------------|-------------------|
| | Major Dischargers | Major Dischargers | Major Dischargers |
| 313111: Yarn Spinning Mills | | | |
| 313113: Thread Mills | | | |
| 313210: Broadwoven Fabric Mills | | | |
| 313221: Narrow Fabric Mills | | | |
| 313230: Nonwoven Fabric Mills | | | |
| 313312: Textile and Fabric Finishing (except Broadwoven Fabric) Mills | | | |
| 313241: Weft Knit Fabric Mills | | | |
| 313249: Other Knit Fabric and Lace Mills | | | |
| 313311: Broadwoven Fabric Finishing Mills | | | |
| 313320: Fabric Coating Mills | | | |
| 315111: Sheer Hosiery Mills | | | |
| 315119: Other Hosiery and Sock Mills | | | |
| 315191: Outerwear Knitting Mills | | | |
| 315192: Underwear and Nightwear Knitting Mills | | | |
| 315999: Other Apparel Accessories and Other Apparel Manufacturing | 47 | 167 | 214 |
| 313112: Yarn Texturizing, Throwing, and Twisting Mills | 0 | 3 | 3 |
| 314110: Carpet and Rug Mills | 4 | 9 | 13 |
| 314992: Tire Cord and Tire Fabric Mills | 0 | 5 | 5 |
| 314999: All Other Miscellaneous Textile Product Mills | 0 | 8 | 8 |
| 336360: Motor Vehicle Seating and Interior Trim Manufacturing | 0 | 5 | 5 |
| Total | 51 | 197 | 248 |

Source: *DMRLoads2008_v2*.

a – DMR data are reported by SIC code; therefore EPA used an NAICS to SIC crosswalk for comparison purposes.

Table 14-3 presents the type of discharges reported by facilities in the 2008 TRI database. The majority of textile facilities reporting to TRI do not report water discharges, but those that do mostly reported discharging indirectly.

Table 14-3. Number Textiles Facilities by Discharge Type in 2008 TRI Database

| NAICS Code | Number of Facilities in 2008 TRI Database | | | |
|---|---|-------------------------|-------------------------|-------------------------|
| | Direct Dischargers Only | Direct Dischargers Only | Direct Dischargers Only | Direct Dischargers Only |
| 313111: Yarn Spinning Mills | 0 | 0 | 0 | 3 |
| 313113: Thread Mills | 0 | 2 | 0 | 2 |
| 313210: Broadwoven Fabric Mills | 0 | 2 | 1 | 11 |
| 313221: Narrow Fabric Mills | 0 | 1 | 0 | 1 |
| 313230: Nonwoven Fabric Mills | 0 | 3 | 1 | 6 |
| 313312: Textile and Fabric Finishing (except Broadwoven Fabric) Mills | 1 | 9 | 1 | 5 |
| 313241: Weft Knit Fabric Mills | 0 | 1 | 0 | 1 |
| 313249: Other Knit Fabric and Lace Mills | 0 | 0 | 0 | 1 |
| 313311: Broadwoven Fabric Finishing Mills | 3 | 6 | 0 | 11 |
| 313320: Fabric Coating Mills | 0 | 7 | 1 | 45 |
| 315111: Sheer Hosiery Mills | 0 | 0 | 0 | 0 |
| 315119: Other Hosiery and Sock Mills | 0 | 0 | 0 | 0 |
| 315191: Outerwear Knitting Mills | 0 | 0 | 0 | 0 |
| 315192: Underwear and Nightwear Knitting Mills | 0 | 0 | 0 | 0 |
| 315999: Other Apparel Accessories and Other Apparel Manufacturing | 0 | 1 | 0 | 0 |
| 313112: Yarn Texturizing, Throwing, and Twisting Mills | 0 | 0 | 0 | 0 |
| 314110: Carpet and Rug Mills | 0 | 10 | 0 | 20 |
| 314992: Tire Cord and Tire Fabric Mills | 1 | 5 | 3 | 5 |
| 314999: All Other Miscellaneous Textile Product Mills | 0 | 1 | 0 | 7 |
| 336360: Motor Vehicle Seating and Interior Trim Manufacturing | 0 | 2 | 0 | 31 |
| 315992: Glove and Mitten Manufacturing | 0 | 1 | 0 | 0 |
| Total | 5 | 51 | 7 | 149 |

Source: *TRIRelases2008_v3*.**14.1.2 40 CFR Part 414**

EPA first promulgated ELGs for the Textiles Category (40 CFR Part 410) on September 2, 1982 (47 FR 38819). There are nine subcategories, all of which have best practicable control technology (BPT), best available technology economically achievable (BAT), and new source performance standards (NSPS) limitations. Some subcategories also have pretreatment standards for existing sources (PSES), and pretreatment standards for new sources (PSNS) limitations. Table 9-4 lists the nine subcategories and applicability. Table 14-4 in the *Technical Support Document for the 2006 Effluent Guidelines Program Plan* lists the regulated pollutants for the subcategories (U.S. EPA, 2006).

Table 14-4. Applicability of Subcategories in the Textiles Category

| Subpart | Subcategory Title | Subcategory Applicability |
|----------------|--------------------------|--|
| A | Wool Scouring | Wool scouring, topmaking, and general cleaning of raw wool |
| B | Wool Finishing | Wool finishers, including carbonizing, fulling, dyeing, bleaching, rinsing, fireproofing, and other such similar processes |
| C | Low Water Use Processing | Yarn manufacture, yarn texturizing, unfinished fabric manufacture, fabric coating, fabric laminating, tire cord and fabric dipping, and carpet tufting and carpet backing |
| D | Woven Fabrics Finishing | Woven fabric finishers, which may include any or all of the following unit operations: desizing, bleaching, mercerizing, dyeing, printing, resin treatment, water proofing, flame proofing, soil repellency application and a special finish application |
| E | Knit Fabric Finishing | Knit fabric finishers, which may include any or all of the following unit operations: bleaching, mercerizing, dyeing, printing, resin treatment, water proofing, flame proofing, soil repellency application and a special finish application |
| F | Carpet Finishing | Carpet mills, which may include any or all of the following unit operations: bleaching, scouring, carbonizing, fulling, dyeing, printing, resin treatment, waterproofing, flameproofing, soil repellency, looping, and backing with foamed and unfoamed latex and jute |
| G | Stock & Yarn Finishing | Stock or yarn dyeing or finishing, which may include any or all of the following unit operations and processes: cleaning, scouring, bleaching, mercerizing, dyeing and special finishing |
| H | Nonwoven Manufacturing | Facilities that primarily manufacture nonwoven textile products of wool, cotton, or synthetics, singly or as blends, by mechanical, thermal, and/or adhesive bonding procedures |
| I | Felted Fabric Processing | Facilities that primarily manufacture nonwoven products by employing fulling and felting operations as a means of achieving fiber bonding |

Source: *Textile Mills Point Source Category – 40 CFR 410; Development Document for Effluent Limitations Guidelines and Standards for the Textile Mills Point Source Category* (U.S. EPA, 1979).

14.2 Textiles Category 2010 Screening-Level Review

Table 14-5 compares the screening-level database results for the Textiles Category from the 2006 through 2010 annual reviews that represented multiple years of data from the DMR and TRI databases. The combined DMR and TRI TWPE decreased from discharge years 2004 to 2007, but increased from discharge years 2007 to 2008. The discharge year 2008 DMR TWPE accounts for approximately 42 percent of the combined 2008 DMR and TRI TWPE, similar to previous years.

Table 14-5. Textiles Category TRI and DMR Discharges for the 2006 through 2010 Screening-Level Reviews

| Year of Discharge | Year of Review | Textiles Category | | |
|-------------------|----------------|-------------------|-----------------------|------------|
| | | TRI TWPE | DMR TWPE ^a | Total TWPE |
| 2002 | 2006 | 3,710 | 123,000 | 127,000 |
| 2004 | 2007 | 3,040 | 123,000 | 126,000 |
| 2005 | 2008 | 3,040 | NA | NA |
| 2007 | 2009 | 2,390 | 79,900 | 82,300 |
| 2008 | 2010 | 2,750 | 247,000 | 250,000 |

Source: *TRIRelases2002_v4*; *PCSLoads2002_v4*; *TRIRelases2004_v3*; *PCSLoads2004_v3*; *TRIRelases2005_v2*; *TRIRelases2007_v2*; *DMRLoads2007_v4*; *TRIRelases2008_v3*; and *DMRLoads2008_v2*.

a – DMR data from 2002 through 2007 includes only major dischargers. DMR 2008 data includes both minor and major dischargers.

NA – Not applicable. EPA did not evaluate DMR data for 2005.

Table 14-6 presents the 2008 DMR TWPE by facility discharge classification. EPA excluded minor dischargers from previous annual reviews, but included them in the 2010 annual review. The majority (72 percent) of the TWPE in the 2008 DMR database results from major dischargers.

Table 14-6. Textiles Category 2008 DMR TWPE by Discharge Classification

| Year of Discharge ^a | TWPE from Minor Dischargers | TWPE from Major Dischargers |
|--------------------------------|-----------------------------|-----------------------------|
| 2008 | 68,200 | 179,000 |

Source: *DMRLoads2008_v2*.

a – Data for previous years of discharge are not included because EPA excluded minor dischargers from previous annual reviews.

14.3 Textiles Pollutants of Concern

Table 14-7 compares the five chemicals with the highest TWPE in the 2008, 2007, and 2004 TRI databases (*TRIRelases2008_v3*, *TRIRelases2007_v2*, and *TRIRelases2004_v3*). Table 14-8 lists the five pollutants with the highest TWPE in the 2008, 2007, and 2004 DMR databases (*DMRLoads2008_v2*, *DMRLoads2007_v3*, and *PCSLoads2004_v4*).

Table 14-7. Textiles Category Top TRI Pollutants

| Pollutant | 2004 ^a | | | 2007 ^a | | | 2008 ^a | | |
|---------------------------------|---|--|--------------|---|--|--------------|---|--|--------------|
| | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE |
| Ammonia | Pollutants not reported in the top five 2004 TRI reported pollutants. | | | 1 | 9 | 970 | 1 | 9 | 1,330 |
| Lead and Lead Compounds | Pollutants not reported in the top five 2004 TRI reported pollutants. | | | Pollutant not reported in the top five 2007 TRI reported pollutants. | | | 2 | 8 | 272 |
| Copper and Copper Compounds | 1 | 12 | 843 | 2 | 9 | 511 | 3 | 7 | 192 |
| Chlorine Dioxide | 2 | 1 | 639 | 3 | 1 | 204 | 4 | 1 | 173 |
| Nitrate Compounds | 3 | 5 | 268 | 4 | 6 | 164 | 5 | 6 | 157 |
| Di(2-ethylhexyl) phthalate | Pollutant not reported in the top five 2004 TRI reported pollutants. | | | 5 | 1 | 106 | Pollutants not reported in the top five 2008 TRI reported pollutants. | | |
| Antimony and Antimony Compounds | 4 | 18 | 192 | Pollutants not reported in the top five 2007 TRI reported pollutants. | | | | | |
| Zinc and Zinc Compounds | 5 | 13 | 173 | Pollutants not reported in the top five 2007 TRI reported pollutants. | | | | | |
| Textiles Category Total | NA | 83 ^b | 3,040 | NA | 61 ^b | 2,390 | NA | 58 ^b | 2,750 |

Source: *TRIReleases2004_v3*; *TRIReleases2007_v2*; and *TRIReleases2008_v3*.

a – Discharges include transfers to POTWs and account for POTW removals.

b – Number of facilities reporting TWPE greater than zero.

NA – Not applicable.

Table 14-8. Textiles Category Top DMR Pollutants

| Pollutant | 2004 ^a | | | 2007 ^a | | | 2008 ^b | | |
|---------------------------------|---|--|----------------|---|--|---------------|---|--|----------------|
| | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE |
| Mercury | Pollutants not reported in the top five 2004 DMR reported pollutants. | | | 4 | 3 | 296 | 1 | 3 | 135,000 |
| Aluminum | | | | Pollutants not reported in the top five 2007 DMR reported pollutants. | | | 2 | 3 | 34,300 |
| Toxaphene | | | | | | | 3 | 1 | 32,800 |
| Sulfide | 1 | 35 | 117,000 | 4 | 25 | 30,100 | | | |
| Aldrin | Pollutant not reported in the top five 2004 DMR reported pollutants. | | | 1 | 1 | 76,400 | 5 | 1 | 9,500 |
| Chlorine | 2 | 18 | 3,440 | 2 | 16 | 1,680 | Pollutants not reported in the top five 2008 DMR reported pollutants. | | |
| Copper | 3 | 24 | 1,270 | 3 | 18 | 583 | | | |
| Chromium | Pollutant not reported in the top five 2004 DMR reported pollutants. | | | 5 | 3 | 184 | | | |
| Chloride | 4 | 14 | 340 | Pollutant not reported in the top five 2007 DMR reported pollutants. | | | | | |
| Nitrogen, Kjeldahl Total (as N) | 5 | 5 | 209 | | | | | | |
| Textiles Category Total | NA | 62 ^c | 123,000 | NA | 46 ^c | 79,900 | NA | 77 ^c | 247,000 |

Source: PCSLoads2004_v4; DMRLoads2007_v3; and DMRLoads2008_v2.

a – 2004 and 2007 DMR data include only major dischargers.

b – 2008 DMR data includes major and minor dischargers.

c – Number of facilities reporting TWPE greater than zero.

NA – Not applicable.

The majority of the Textiles Category total TWPE (over 98 percent) is based on discharges in the 2008 DMR database. Therefore, EPA focused the preliminary category review on the DMR-reported pollutants that account for the majority of the category TWPE.

EPA's additional review for the 2008 DMR database pollutants of concern, mercury, aluminum, toxaphene, sulfide, and aldrin, is presented in the following sections. During the review of top pollutants, EPA discovered that the majority of the top pollutants were discharged from the same three facilities in the 2008 DMR database. Table 14-9 presents the top discharging facilities and top pollutants in the Textiles Category. The following subsections provide details on EPA's review of the 2008 DMR database discharges.

Table 14-9. Textiles Category Top Pollutant and Facility Dischargers in DMR 2008

| Top Pollutant | Facility Name | Pounds of Pollutant Discharged | Pollutant TWPE | Total Facility TWPE |
|---------------|------------------------------------|--------------------------------|----------------|---------------------|
| Mercury | Kawashima Textile USA, Inc. | 1,151 | 135,000 | 135,000 |
| Aluminum | Kannapolis Water Treatment Plant | 571,000 | 34,300 | 35,000 |
| Toxaphene | Mohawk Industries/ Oak River Plant | 1.09 | 33,100 | 32,800 |
| Sulfide | Mohawk Industries, Inc. | 5,060 | 14,200 | 14,200 |
| Aldrin | Deroyal Textiles | 0.853 | 9,500 | 9,510 |

Source: *DMRLoads2008_v2*.

14.4 Textiles Category Top Facility Dischargers in DMR

This subsection provides further detail on the top five facility dischargers in the Textiles Category responsible for the majority of the mercury, aluminum, toxaphene, sulfide and aldrin TWPE. As a result of EPA's identification of data errors, of discharges from the top facilities in the Textiles Category, the overall category 2008 DMR TWPE decreased by over 170,000 TWPE from 250,000 TWPE to 78,500 TWPE.

14.4.1 *Kawashima Textile USA, Inc. in Camden, SC*

Table 14-10 presents the discharges in the 2008 DMR database for Kawashima Textile USA, Inc. The majority of the facility TWPE (approximately 100 percent) is from mercury. Mercury discharges from Kawashima Textile also account for approximately 54 percent of the DMR TWPE for the Textiles Category.

Table 14-10. Kawahima Textile 2008 Top Discharges in the DMR Database

| Pollutant | Total Pounds | Total TWPE | Percent of Facility Total TWPE |
|--------------|--------------|----------------|--------------------------------|
| Mercury | 1,150 | 135,000 | 100% |
| Iron | 106 | 0.59 | 0% |
| Ammonia | 255 | 0.28 | 0% |
| Manganese | 3.06 | 0.21 | 0% |
| Phosphorous | 0.77 | 0.00 | 0% |
| Total | 1,510 | 135,000 | 100% |

Source: *DMRLoads2008_v2*.

All of the pollutant discharges for Kawashima Textile USA are from outfall 002. Table 14-11 presents the discharge data in the DMR Loadings Tool for 2008, along with the data from EPA's Envirofacts²⁴. EPA determined that January, June, July, and August 2008 mercury concentrations had data errors. Using the corrected concentrations, EPA calculated the revised load and corresponding TWPE for mercury. The facility's mercury discharges decrease from 135,000 TWPE to 0.9 TWPE, while the facility's total TWPE decreased from 135,000 TWPE to 2 TWPE, a reduction of almost 100 percent.

Table 14-11. Kawashima Textile USA 2008 Monthly Mercury and Flow Discharge Data

| Outfall | Pollutant | Monitoring Period Date ^a | DMR Loadings Tool Average Concentration (mg/L) | Envirofacts Average Concentration (mg/L) | Average Flow (MGD) |
|---------|-----------|-------------------------------------|--|--|--------------------|
| 002 | Mercury | 31-Jan-08 | 4.0000188 | 0.0000188 | 0.2997 |
| 002 | Mercury | 29-Feb-08 | 0.000012 | 0.000012 | 0.2793 |
| 002 | Mercury | 31-Mar-08 | 0.000013 | 0.000013 | 0.2173 |
| 002 | Mercury | 30-Apr-08 | 0.000011 | 0.000011 | 0.1954 |
| 002 | Mercury | 31-May-08 | 0.00011 | 0.00011 | 0.2563 |
| 002 | Mercury | 30-Jun-08 | 4.0000042 | 0.0000042 | 0.2751 |
| 002 | Mercury | 31-Jul-08 | 4.0000048 | 0.0000048 | 0.2548 |
| 002 | Mercury | 31-Aug-08 | 4.0000061 | 0.0000061 | 0.2915 |

Source: DMR Loadings Tool and Envirofacts.

a – The DMR Loadings Tool and Envirofacts do not have mercury concentrations for Kawashima Textile USA for September, October, November, and December 2008.

14.4.2 Kannapolis Water Treatment Plant in Kannapolis, NC

Table 14-12 presents the discharges in the 2008 DMR database for Kannapolis Water Treatment Plant (WTP). The majority of the facility TWPE (almost 98 percent) is from discharges of aluminum. Aluminum discharges from Kannapolis WTP also account for approximately 14 percent of the DMR TWPE for the Inorganic Chemicals Category.

²⁴ EPA uses the data in Envirofacts as a source while reviewing the DMR Loadings Tool data because Envirofacts continually accepts and updates corrections submitted by facilities and states. The DMR Loadings Tool is not continuously updated; therefore, loads may be estimated with erroneous data.

Table 14-12. Kannapolis WTP 2008 Top Discharges in the DMR Database

| Pollutant | Total Pounds | TWPE | Percent of Facility TWPE |
|--------------|----------------|---------------|--------------------------|
| Aluminum | 571,000 | 34,300 | 97.90% |
| Iron | 109,000 | 611 | 1.75% |
| Manganese | 1,740 | 122 | 0.35% |
| Calcium | 6,270 | 0.18 | 0.00% |
| Magnesium | 70.6 | 0.06 | 0.00% |
| Total | 688,000 | 35,000 | 100% |

Source: *DMRLoads2008_v2*.

All of Kannapolis WTP's aluminum discharges are from outfall 001. Table 14-13 presents the aluminum discharge data in the DMR Loadings Tool for 2008, along with the data from EPA's Envirofacts. EPA determined that aluminum concentrations for January through November 2008 were in the DMR Loadings Tool as mg/L, but in Envirofacts as µg/L. Using the corrected concentrations, EPA calculated the revised load and corresponding TWPE for aluminum. The facility's aluminum discharges decrease from 34,300 TWPE to 36 TWPE, while the facility's total TWPE decreases from 34,900 TWPE to 769 TWPE, a reduction of almost 100 percent.

Table 14-13. Kannapolis WTP 2008 Monthly Aluminum Discharge Data

| Outfall | Pollutant | Monitoring Period Date | DMR Loadings Tool Average Concentration (mg/L) | Envirofacts Average Concentration | |
|---------|-----------|------------------------|--|-----------------------------------|---------|
| | | | | (µg/L) | (mg/L) |
| 001 | Aluminum | 31-Jan-08 | 659.8 | 659.8 | 0.6598 |
| 001 | Aluminum | 29-Feb-08 | 911.25 | 911.25 | 0.91125 |
| 001 | Aluminum | 31-Mar-08 | 887.5 | 887.5 | 0.8875 |
| 001 | Aluminum | 30-Apr-08 | 537 | 537 | 0.537 |
| 001 | Aluminum | 31-May-08 | 411.75 | 411.75 | 0.41175 |
| 001 | Aluminum | 30-Jun-08 | 657.25 | 657.25 | 0.65725 |
| 001 | Aluminum | 31-Jul-08 | 608.4 | 608.4 | 0.6084 |
| 001 | Aluminum | 31-Aug-08 | 626.25 | 626.25 | 0.62625 |
| 001 | Aluminum | 30-Sep-08 | 1,339 | 1,339 | 1.339 |
| 001 | Aluminum | 31-Oct-08 | 491.6 | 491.6 | 0.4916 |
| 001 | Aluminum | 30-Nov-08 | 440 | 440 | 0.440 |
| 001 | Aluminum | 31-Dec-08 | 0.333 | 333 | 0.33 |

Source: DMR Loadings Tool and Envirofacts.

14.4.3 Mohawk Industries Oak River Plant in Bennettsville, SC

Table 14-14 presents the discharges for Mohawk Industries Oak River Plant in the 2008 DMR database. The majority of the TWPE is from toxaphene (approximately 99 percent). Toxaphene discharges from Mohawk Industries Oak River Plant also account for approximately 13 percent of the DMR TWPE for the Textiles Category.

Table 14-14. Mohawk Industries Oak River Plant 2008 Top Discharges in the DMR Database

| Pollutant | Total Pounds | TWPE | Percent of Facility TWPE |
|------------------|---------------------|---------------|---------------------------------|
| Toxaphene | 1.09 | 32,800 | 99.2% |
| Sulfur | 92.1 | 258 | 0.78% |
| Chlorine | 28.1 | 14.0 | 0.04% |
| Ammonia | 72.0 | 0.08 | 0.00% |
| Chromium | 0.88 | 0.06 | 0.00% |
| Total | 194 | 33,100 | 100% |

Source: *DMRLoads2008_v2*.

Mohawk Industries Oak River Plant reports toxaphene discharges from outfall 001. Table 14-15 presents the discharge data in the DMR Loadings Tool for 2008. EPA contacted the facility to confirm the 2008 toxaphene discharges. Mohawk Industries Oak River Plant stated that the concentrations were correct and that the December 2008 toxaphene concentration was <0.0005 mg/L. Mohawk Industries Oak River Plant also indicated that the chemical is not used as a raw material or in any other chemicals at the facility (Wood, 2010). The South Carolina Department of Health and Environmental Control (SC DHEC) requires Mohawk to monitor for toxaphene because recent water quality data found it at detectable concentrations. The facility must monitor toxaphene to determine if a limit is necessary (Vickers, 2010).

EPA evaluated available 2009 and 2010 toxaphene data from Envirofacts, presented in Table 14-16, and determined that all concentrations were reported below detection limit (BDL). SC DHEC is monitoring toxaphene discharges, and all 2009 and 2010 discharges are BDL, and EPA will continue reviewing the discharge data for this facility.

Table 14-15. Mohawk Industries Oak River Plant 2008 Monthly Toxaphene Discharge Data

| Outfall | Pollutant | Monitoring Period Date | DMR Loadings Tool Concentration (mg/L) | Facility-Provided Concentration (mg/L) | Average Flow (MGD) |
|---------|-----------|------------------------|--|--|--------------------|
| 001 | Toxaphene | 31-Jan-08 | < 0.0005 | < 0.0005 | 0.093487 |
| 001 | Toxaphene | 29-Feb-08 | < 0.0005 | < 0.0005 | 0.108851 |
| 001 | Toxaphene | 31-Mar-08 | < 0.0025 | < 0.0025 | 0.070074 |
| 001 | Toxaphene | 30-Apr-08 | 0.0025 | 0.0025 | 0.09694 |
| 001 | Toxaphene | 31-May-08 | 0.0005 | 0.0005 | 0.073806 |
| 001 | Toxaphene | 30-Jun-08 | < 0.0005 | < 0.0005 | 0.08753 |
| 001 | Toxaphene | 31-Jul-08 | < 0.0005 | < 0.0005 | 0.131065 |
| 001 | Toxaphene | 31-Aug-08 | < 0.0005 | < 0.0005 | 0.164852 |
| 001 | Toxaphene | 30-Sep-08 | < 0.05 | < 0.05 | 0.158837 |
| 001 | Toxaphene | 31-Oct-08 | < 0.0005 | < 0.0005 | 0.1335 |
| 001 | Toxaphene | 30-Nov-08 | < 0.0005 | < 0.0005 | NR |
| 001 | Toxaphene | 31-Dec-08 | NR | < 0.0005 | NR |

Source: DMR Loadings Tool and Facility Contact (Wood, 2010).

NR – Not reported.

Table 14-16. Mohawk Industries Oak River Plant 2009 and 2010 Monthly Toxaphene Discharge Data

| Outfall | Pollutant | Monitoring Period Date | Envirofacts Concentration (mg/L) |
|---------|-----------|------------------------|----------------------------------|
| 001 | Toxaphene | 31-Jan-09 | < 0.00055 |
| 001 | Toxaphene | 29-Feb-09 | < 0.0005 |
| 001 | Toxaphene | 31-Mar-09 | < 0.0005 |
| 001 | Toxaphene | 30-Apr-09 | < 0.0001 |
| 001 | Toxaphene | 31-May-09 | < 0.00055 |
| 001 | Toxaphene | 30-Jun-09 | < 0.00055 |
| 001 | Toxaphene | 31-Jul-09 | < 0.0005 |
| 001 | Toxaphene | 31-Aug-09 | < 0.0003 |
| 001 | Toxaphene | 30-Sep-09 | < 0.0005 |
| 001 | Toxaphene | 31-Oct-09 | < 0.0005 |
| 001 | Toxaphene | 30-Nov-09 | < 0.0005 |
| 001 | Toxaphene | 31-Dec-09 | < 0.0005 |
| 001 | Toxaphene | 31-Jan-10 | < 0.0005 |
| 001 | Toxaphene | 29-Feb-10 | < 0.0005 |
| 001 | Toxaphene | 31-Mar-10 | < 0.0005 |
| 001 | Toxaphene | 30-Apr-10 | < 0.005 |
| 001 | Toxaphene | 31-May-10 | < 0.0005 |
| 001 | Toxaphene | 30-Jun-10 | < 0.00055 |

Source: Envirofacts

14.4.4 Mohawk Industries, Inc. in Lyerly, GA

Table 14-17 presents the discharges for Mohawk Industries in the 2008 DMR database. Almost all of the TWPE is from sulfide. Sulfide discharges from Mohawk Industries also account for approximately 6 percent of the DMR TWPE for the Textiles Category.

Table 14-17. Mohawk Industries 2008 Top Discharges in the DMR Database

| Pollutant | Total Pounds | TWPE | Percent of Facility TWPE |
|--------------|--------------|---------------|--------------------------|
| Sulfide | 5,100 | 14,200 | 99.98% |
| Chromium | 40.4 | 2.83 | 0.02% |
| Total | 5,140 | 14,200 | 100% |

Source: *DMRLoads2008_v2*.

All of Mohawk Industries sulfide discharges are from outfalls 0A1. Table 14-18 presents the discharge data in the DMR Loadings Tool and the back-calculated concentrations associated with each sulfide quantity. EPA calculated the sulfide concentrations using the average quantity and flow provided in the 2008 DMR Loadings Tool. EPA contacted the facility to verify the sulfide quantities in the 2008 DMR database. Mohawk Industries confirmed that the sulfide quantities were correct and that the permit limit for sulfide is 11 kg/day (Wood, 2010). Mohawk Industries stated that sulfide present in the wastewater may be from boiler treatment chemicals and wastewater treatment chemicals used to treat intake water for hardness (Wood, 2010). The sulfide quantities are below permit limits, therefore, the facility's sulfide discharges are not a concern for the 2010 annual review.

Table 14-18. Mohawk Industries 2008 Monthly Sulfide Discharge Data

| Outfall | Pollutant | Monitoring Period Date | DMR Loadings Tool Average Quantity (kg/day) | Calculated Sulfide Concentrations (mg/L) | Average Flow (MGD) |
|---------|-----------|------------------------|---|--|--------------------|
| 0A1 | Sulfide | 31-Jan-08 | 6.08 | 1.2 | 1.323 |
| 0A1 | Sulfide | 30-Apr-08 | 8.31 | 1.3 | 1.659 |
| 0A1 | Sulfide | 31-Jul-08 | 7.61 | 1.9 | 1.025 |
| 0A1 | Sulfide | 31-Oct-08 | 2.83 | 1.1 | 0.723 |

Source: DMR Loadings Tool and Facility Contact (Wood, 2010).

14.4.5 Deroyal Textiles in Camden, SC

Table 14-19 presents the discharges for Deroyal Textiles in the 2008 DMR database. Almost all of the TWPE is from aldrin. Aldrin discharges from Deroyal Textiles also account for approximately 4 percent of the DMR TWPE for the Textiles Category.

Table 14-19. Deroyal Textiles 2008 Top Discharges in the DMR Database

| Pollutant | Total Pounds | TWPE | Percent of Facility TWPE |
|------------------|--------------|--------------|--------------------------|
| Aldrin | 0.85 | 9,500 | 99.9% |
| Sulfur | 2.05 | 5.74 | 0.06% |
| Hydrogen sulfide | 0.45 | 1.27 | 0.01% |
| Chromium | 3.93 | 0.28 | 0.00% |
| Ammonia | 140 | 0.16 | 0.00% |
| Total | 147 | 9,500 | 100% |

Source: *DMRLoads2008_v2*.

All of the aldrin discharges are from outfall 001. Table 14-20 presents the discharge data in the DMR Loadings Tool for 2008. EPA contacted Deroyal Textiles to verify the aldrin concentrations. Deroyal Textiles indicated that the facility made a conversion error with the March 2008 DMR data and the aldrin concentration was reported in µg/L instead of mg/L although the units were reported as mg/L (Gettys, 2010). Using the facility-provided concentrations, EPA calculated the revised load and corresponding TWPE for aldrin. The facility's aldrin discharges decrease from 9,500 TWPE to 353 TWPE, while the facility's total TWPE decreases from 9,510 TWPE to 361 TWPE, a reduction of over 96 percent.

Table 14-20. Deroyal Textiles 2008 Monthly Aldrin Discharge Data

| Outfall | Pollutant | Monitoring Period Date | DMR Loadings Tool Average Concentration (mg/L) | Facility-Provided Average Concentration (mg/L) | Average Flow (MGD) |
|---------|-----------|------------------------|--|--|--------------------|
| 001 | Aldrin | 31-Jan-08 | 0 | 0 | 0.08 |
| 001 | Aldrin | 29-Feb-08 | 0 | 0 | 0.102 |
| 001 | Aldrin | 31-Mar-08 | 0.034 | 0.000034 | 0.088 |
| 001 | Aldrin | 30-Apr-08 | 0.00023 | 0.00023 | 0.087 |
| 001 | Aldrin | 31-May-08 | 0.000011 | 0.000011 | 0.07 |
| 001 | Aldrin | 30-Jun-08 | 0.000116 | 0.000116 | 0.073 |
| 001 | Aldrin | 31-Jul-08 | NR | NR | 0.065 |
| 001 | Aldrin | 31-Aug-08 | 0 | 0 | 0.061 |
| 001 | Aldrin | 30-Sep-08 | 0 | 0 | 0.038 |
| 001 | Aldrin | 31-Oct-08 | 0 | 0 | 0.037 |
| 001 | Aldrin | 30-Nov-08 | 0 | 0 | 0.017 |
| 001 | Aldrin | 31-Dec-08 | 0.000019 | 0.000019 | 0.026 |

Source: DMR Loadings Tool and Facility Contact (Gettys, 2010).

NR – Not reported. The aldrin data for July 2008 includes the NODI code E – analysis not conducted.

14.5 Textiles Category Conclusions

The estimated toxicity of the Textile Mills Category discharges result from mercury, aluminum, toxaphene, sulfide, and aldrin discharges. Data collected for the 2010 annual review

demonstrated that wastewater discharge characteristics for this category are consistent with discharges from prior years. As in prior years, EPA makes the following conclusions:

- There were data errors in the mercury concentrations for Kawashima Textile USA. Correcting this error decreases the 2008 facility TWPE to 2 TWPE.
- There was a units error for the aluminum concentrations for Kannapolis WTP. Correcting this error decreases the 2008 facility TWPE to 769 TWPE.
- The screening-level data for toxaphene discharges from Mohawk Industries Oak River Plant are accurate. The facility does not use toxaphene and is unable to identify the source of the pesticide. SC DHEC requires the facility to continue monitoring for toxaphene, and EPA will continue reviewing toxaphene discharges from this facility as part of future reviews.
- Sulfide discharges from Mohawk Industries in Lyerly, GA are below the permit limit. EPA will continue monitoring sulfide discharges from this facility as part of future reviews.
- There was a units error for the March 2008 aldrin concentration for Deroyal Textiles. Correcting this error decreases the 2008 facility TWPE to 361 TWPE.
- Correcting the database errors identified during the 2010 annual review decreases the 2008 Textile Mills Category TWPE from 250,000 TWPE to 78,500 TWPE. EPA will continue to monitor the Textile Mills Category discharges to determine if they are properly controlled.

EPA prioritizes point source categories with existing regulations for potential revision based on the greatest estimated toxicity to human health and the environment, measured as TWPE. Based on the above conclusions, EPA is assigning this category with a lower priority for revision (i.e., this category is marked with “(3)” in the “Findings” column in Table V-1 in the Federal Register notice that presents the 2010 annual review of existing ELGs).

14.6 Textiles Category References

1. Gettys, John. 2010. E-mail Communication with John Gettys, Deroyal Textiles, and Lauren Wingo, Eastern Research Group, Inc. “RE: DMRs Clarification Needed for Deroyal Textiles - SC0002518.” (September 7). EPA-HQ-OW-2008-0517 DCN 07302.
2. U.S. Census. 2002. U.S. Economic Census. Available online at: <http://www.census.gov/econ/census02>.
3. U.S. EPA. 2004. *Technical Support Document for the 2004 Effluent Guidelines Program Plan*. EPA-821-R-04-014. Washington, DC. (August). EPA-HQ-OW-2003-0074-1346 through 1352.

4. U.S. EPA. 2005. *Preliminary 2005 Review of Prioritized Categories of Industrial Dischargers*. EPA-821-B-05-004. Washington, DC. (August). EPA-HQ-OW-2004-0032-0016.
5. U.S. EPA. 2006. *Technical Support Document for the 2006 Effluent Guidelines Program Plan*. EPA-821R-06-018. Washington, DC. (December). EPA-HQ-OW-2004-0032-2782.
6. U.S. EPA. 2007. *Technical Support Document for the Preliminary 2008 Effluent Guidelines Program Plan*. EPA-821-R-07-007. Washington, DC. (October). EPA-HQ-OW-2006-0771-0819.
7. Vickers, Melinda. 2010. Telephone communication with Melinda Vickers, South Carolina Department of Health and Environmental Control (SC DHEC), and Elizabeth Sabol, Eastern Research Group, Inc. “Re: DMR Clarification for Toxaphene Discharges from Mohawk Industries Oak River Plant.” (September 23). EPA-HQ-OW-2008-0517 DCN 07308.
8. Wood, Denise. 2010. Telephone and E-mail communication with Denise Wood, Mohawk Industries, and Elizabeth Sabol and Lauren Wingo, Eastern Research Group, Inc. “Re: DMR Clarification Needed for Mohawk Industries Oak River Plant and Lyerly Plant.” (September 2). EPA-HQ-OW-2008-0517 DCN 07309.

15. WASTE COMBUSTORS (40 CFR PART 444)

EPA selected the Waste Combustors Category (40 CFR Part 444) for preliminary review because it ranked high, in terms of toxic-weighted pound equivalent (TWPE) (see Table 5-3 for the point source category rankings). The Final 2008 Plan summarizes the results of EPA's previous review of this industry in 2008 (72 FR 61335). This section summarizes the results of the 2010 annual review associated with the Waste Combustors Category. EPA focused on discharges of hexachlorophene, because of its high TWPE relative to the rest of the Waste Combustors Category.

15.1 Waste Combustors Category Background

This subsection provides background on the Waste Combustors Category including a brief profile of the waste combustors industry and background on 40 CFR Part 444.

15.1.1 *Waste Combustors Industry Profile*

The waste combustors industry includes facilities that recover energy from or dispose of wastes (both hazardous and nonhazardous) by incineration (U.S. EPA, 2008). EPA considered the following four North American Industry Classification System (NAICS) codes as part of the Waste Combustors Category:

- 562211: Hazardous Waste Treatment and Disposal;
- 562213: Solid Waste Combustors and Incinerators;
- 562219: Other Nonhazardous Waste Treatment and Disposal; and
- WC: Waste Combustors.

Wastewater generated by facilities in NAICS codes 562211, 562213, and 562219 may be regulated under the Centralized Waste Treatment (CWT) (40 CFR Part 437), Landfills (40 CFR Part 445) (see Section 8), and/or Waste Combustors Categories. EPA reviewed available information about pollutant load and manufacturing operations for facilities reporting these NAICS codes. In its crosswalk, EPA assigned the "WC" NAICS code for facilities that most likely fall under the applicability of 40 CFR Part 444, Waste Combustors.

Because the Permit Compliance System (PCS) and Integrated Compliance Information System - National Pollutant Discharge Elimination System (ICIS-NPDES), the sources of the discharge monitoring report (DMR) data used to develop *DMRLoads2008*, report facilities by Standard Industrial Classification (SIC) code, and the U.S. Economic Census and Toxics Release Inventory (TRI) report data by NAICS code, EPA reclassified the 2008 DMR by the equivalent NAICS code. Table 15-1 lists the number of facilities from the U.S. Economic Census and the screening-level databases for the four NAICS codes with operations in the Waste Combustors Category; the corresponding SIC codes are included for reference. The U.S. Economic Census includes more facilities than the screening-level databases because of many possible factors including: facilities may not meet TRI-reporting thresholds, facilities may discharge to a publicly owned treatment works (POTW), and some facilities in the U.S. Economic Census are distributors or sales facilities, not manufacturers.

Table 15-1. Number of Facilities in Waste Combustors Category

| NAICS Code | Corresponding SIC Code | Number of Facilities | | |
|---|---|---------------------------|--------------------------------|--------------------------------|
| | | 2002 U.S. Economic Census | 2008 DMR Database ^a | 2008 TRI Database ^b |
| 562211: Hazardous Waste Treatment and Disposal | 4953: Refuse Systems 4953WC ^c : Refuse Systems (Waste Combustors) | 701 | 1,217 | 53 |
| 562213: Solid Waste Combustors and Incinerators | | 120 | | 1 |
| 562219: Other Nonhazardous Waste Treatment and Disposal | | 199 | | 5 |
| WC: Waste Combustors | | NA | | 6 |
| Total | | >1,020 | 1,217 | 65 |

Source: U.S. Economic Census, 2002 (U.S. Census, 2002); *DMRLoads2008_v2*; and *TRIRelases2008_v3*.

a – Major and minor dischargers. Also, DMR data are reported by SIC code; therefore EPA used an NAICS-to-SIC-code crosswalk for comparison purposes.

b – Facilities reporting releases to any media.

c – Wastewater generated by facilities in SIC code 4953 may be regulated under the CWT, Landfills, and Waste Combustors Categories. In its crosswalk, EPA assigned the extension “WC” to the end of the SIC code for facilities that most likely fall under the applicability of the Waste Combustors Effluent Limitation Guidelines and Standards (ELGs).

NA – Not applicable. These facility-specific NAICS codes assigned as part of the annual review do not correspond to NAICS codes in the 2002 U.S. Economic Census.

Table 15-2 shows whether permitting authorities designated direct discharging facilities in the Waste Combustors Category as minor or major dischargers (see Section 4.1.5). EPA included data for minor dischargers for the first time in the 2010 annual review, as part of *DMRLoads2008_v2*. EPA does not require permitting authorities to submit DMR data for minor dischargers; however, many states do provide complete DMR data for minor dischargers. From the 2010 annual review, EPA observed many data entry or other errors for minor dischargers in addition to those previously identified for major dischargers, as discussed in Section 4.3. Table 15-2 shows that approximately 99 percent of the Waste Combustor Category dischargers in the 2008 DMR database are minor dischargers.

Table 15-2. Number of Waste Combustor Facilities by Type of Discharger in DMR 2008

| Majors Dischargers | Minors Dischargers | Total |
|--------------------|--------------------|-------|
| 8 | 1,210 ^a | 1,217 |

Source: *DMRLoads2008_v2*.

a – The DMR data in PCS and ICIS-NPDES does not include discharge data for all minor dischargers. For the facilities in the Waste Combustor Category, 301 of the 1,210 minor dischargers have DMR data.

Note: Includes waste combustors reported in both SIC codes 4953 and 4953WC.

Table 15-3 presents the type of discharges reported by facilities in the 2008 TRI database. The majority of waste combustor facilities reporting to TRI do not report water discharges, but those that do mostly reported direct discharges to surface waters.

Table 15-3. Waste Combustor Facilities by Discharge Type in 2008 TRI Database

| NAICS Code | Number of Facilities in 2008 TRI Database | | | |
|---|---|---------------------------|--------------------------|---------------------|
| | Direct Dischargers Only | Indirect Dischargers Only | Both Indirect and Direct | No Water Discharges |
| 562211: Hazardous Waste Treatment and Disposal | 4 | 4 | 1 | 44 |
| 562213: Solid Waste Combustors and Incinerators | 1 | 0 | 0 | 0 |
| 562219: Other Nonhazardous Waste Treatment and Disposal | 2 | 0 | 0 | 3 |
| WC: Waste Combustors | 4 | 0 | 0 | 2 |
| Total | 11 | 4 | 1 | 49 |

Source: *TRIRelases2008_v3*.**15.1.2 40 CFR Part 444**

EPA first promulgated ELGs for the Waste Combustors Category (40 CFR Part 444) on January 27, 2000 (65 FR 4381). The Waste Combustors ELGs apply to wastewater discharges from hazardous waste combustors, except cement kilns, regulated as “incinerators” or “boilers and industrial furnaces” under the Resource Conservation and Recovery Act (RCRA). The rule applies solely to commercial facilities (i.e., facilities that accept wastes from off-site for fee or remuneration). At the time of promulgation, EPA estimated that the rule would apply to eight facilities (U.S. EPA, 2000). Table 15-4 lists the pollutants regulated by Part 444.

Table 15-4. Applicability of Subcategories in the Waste Combustor Category

| Subpart Name | Subpart Applicability | Regulated Pollutants |
|--|--|--|
| A: Commercial Hazardous Waste Combustor (CWHC) | The discharge of wastewater from a CHWC facility including any thermal unit, except a cement kiln, if the thermal unit burns RCRA hazardous wastes received from off-site for a fee or other remuneration in the following circumstances. The thermal unit is a commercial hazardous waste combustor if the off-site wastes are generated at a facility not under the same corporate structure or subject to the same ownership as the thermal unit. | TSS, pH, Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Silver, Titanium, and Zinc |

Source: 40 CFR Part 444; *Development Document for Final Effluent Limitations Guidelines and Standards for Commercial Hazardous Waste Combustors* (U.S. EPA, 2000).**15.2 Waste Combustors Category Screening Level Review**

Table 15-5 shows the screening-level results for the Waste Combustors Category from the 2005, 2007, and 2008 TRI and DMR databases. The Waste Combustors Category was excluded from annual reviews prior to 2008 because EPA promulgated the ELGs on January 27, 2000. The TRI TWPE increased from discharge year 2007 to 2008, but decreased from discharge year 2005 to 2008. The DMR TWPE increased by two orders of magnitude from discharge year 2007 to 2008, mainly because of discharges from one facility, discussed below.

Table 15-5. Waste Combustors Category TRI and DMR Discharges for the 2006 through 2010 Screening-Level Reviews

| Year of Discharge | Year of Review | Waste Combustors Category | | |
|-------------------|----------------|---------------------------|-----------------------|------------|
| | | TRI TWPE | DMR TWPE ^a | Total TWPE |
| 2005 | 2008 | 52,300 | NA | NA |
| 2007 | 2009 | 114 | 3,220 | 3,260 |
| 2008 | 2010 | 8,830 | 245,000 | 254,000 |

Source: *TRIRelases2002_v4*; *PCSLoads2002_v4*; *TRIRelases2004_v3*; *PCSLoads2004_v3*; *TRIRelases2005_v2*; *TRIRelases2007_v2*; *DMRLoads2007_v4*; *TRIRelases2008_v3*; and *DMRLoads2008_v2*.

a – DMR data from 2002 through 2007 includes only major dischargers. DMR 2008 data includes both minor and major dischargers.

NA – Not applicable. EPA did not evaluate DMR data for 2005.

Table 15-6 presents the 2008 DMR TWPE by facility discharge classification. EPA excluded minor dischargers from previous annual reviews, but included them in the 2010 annual review. The majority (70 percent) of the TWPE in the 2008 DMR database is from major dischargers.

Table 15-6. Waste Combustors Category 2008 DMR TWPE by Discharge Classification

| Year of Discharge ^a | TWPE from Minor Dischargers | TWPE from Major Dischargers |
|--------------------------------|-----------------------------|-----------------------------|
| 2008 | 69,900 | 176,000 |

Source: *DMRLoads2008_v2*.

a – Data for previous years of discharge are not included because EPA excluded minor dischargers from previous annual reviews.

15.3 Waste Combustors Category Pollutants of Concern

Table 15-7 lists the five pollutants with the highest TRI TWPE based on results from the 2010, 2009, and 2007 annual reviews (*TRIRelases2008_v3*, *TRIRelases2007_v2*, and *TRIRelases2004_v3*, respectively). Table 15-8 lists the five pollutants with the highest DMR TWPE based on results from the 2010, 2009, and 2007 annual reviews (*DMRLoads2008_v2*, *DMRLoads2007_v3*, and *PCSLoads2004_v4*, respectively). As noted in Section 15.2, the DMR TWPE increase from discharge year 2007 to 2008 is mainly because of discharges from one facility.

Table 15-7. Waste Combustors Category Top TRI Pollutants

| Pollutant | 2004 TRI Database ^a | | | 2007 TRI Database ^a | | | 2008 TRI Database ^a | | | | | |
|--|---|--|----------------|---|--|------------|---|--|-------|---|--|--|
| | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE | | | |
| Cadmium and Cadmium Compounds | 4 | 2 | 3,190 | 1 | 2 | 13.8 | 1 | 3 | 2,550 | | | |
| Aldrin | Pollutants not reported in the top five 2004 TRI reported pollutants. | | | Pollutants not reported in the top five 2007 TRI reported pollutants. | | | 2 | 1 | 2,230 | | | |
| Heptachlor | | | | | | | 3 | 1 | 1,710 | | | |
| Chlordane | | | | | | | 4 | 1 | 797 | | | |
| Silver and Silver Compounds | | | | | | | 5 | 2 | 379 | | | |
| Nitrate Compounds | Pollutants not reported in the top five 2004 TRI reported pollutants. | | | 2 | 2 | 8.35 | Pollutants not reported in the top five 2008 TRI reported pollutants. | | | | | |
| Ethylene Glycol | | | | 3 | 1 | 5.23 | | | | | | |
| Lead and Lead Compounds | | | | 4 | 2 | 4.34 | | | | | | |
| Formaldehyde | | | | 5 | 1 | 3.5 | | | | | | |
| Benzidine | 1 | 1 | 188,000 | Pollutants not reported in the top five 2007 TRI reported pollutants. | | | | | | Pollutants not reported in the top five 2008 TRI reported pollutants. | | |
| Toxaphene | 2 | 1 | 34,500 | | | | | | | | | |
| Hexachlorobenzene | 3 | 1 | 11,900 | | | | | | | | | |
| Waste Combustors Category Total | NA | 11 ^b | 243,000 | NA | 22 ^b | 114 | | | | | | |

Source: *TRIRelases2004_v3*; *TRIRelases2007_v2*; and *TRIRelases2008_v3*.

a – Discharges include transfers to POTWs and account for POTW removals.

b – Number of facilities reporting TWPE greater than zero.

NA – Not applicable.

Table 15-8. Waste Combustors Category Top DMR Pollutants

| Pollutant | 2004 DMR Database ^a | | | 2007 DMR Database ^a | | | 2008 DMR Databas) ^b | | |
|--|---|--|--------------|---|--|--------------|---|--|----------------|
| | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE | Rank | Number of Facilities Reporting Pollutant | TWPE |
| Hexachlorophene | Pollutants not reported in the top five 2004 DMR reported pollutants. | | | Pollutant not reported in the top five 2007 DMR reported pollutants. | | | 1 | 1 | 172,000 |
| Arsenic | | | | 2 | 1 | 815 | 2 | 26 | 14,900 |
| Calcium | | | | Pollutants not reported in the top five 2007 DMR reported pollutants. | | | 3 | 5 | 10,900 |
| Copper | | | | | | | 4 | 44 | 8,750 |
| Sulfate | | | | | | | 5 | 50 | 6,370 |
| Cadmium | | | | 1 | 2 | 1,290 | Pollutants not reported in the top five 2008 DMR reported pollutants. | | |
| Mercury | | | | 3 | 2 | 717 | | | |
| Selenium | | | | 4 | 2 | 177 | | | |
| Lead | | | | 5 | 3 | 82 | | | |
| Sulfide | | | | 1 | 2 | 1,380 | | | |
| Boron | 2 | 1 | 1,360 | | | | | | |
| PCB-1260 | 3 | 1 | 814 | | | | | | |
| PCB-1248 | 3 | 1 | 814 | | | | | | |
| PCB-1242 | 3 | 1 | 814 | | | | | | |
| Waste Combustors Category Total | NA | 17 ^c | 9,087 | NA | 4 ^c | 3,220 | NA | 164 ^c | 245,000 |

Source: PCSLoads2004_v4; DMRLoads2007_v3; and DMRLoads2008_v2.

a – 2004 and 2007 DMR data include only major dischargers.

b – 2008 DMR data includes major and minor dischargers.

c – Number of facilities reporting TWPE greater than zero.

NA – Not applicable.

The Waste Combustors Category combined TWPE is dominated by hexachlorophene discharges, accounting for approximately 68 percent of the combined TWPE. Additionally, the Waste Combustors Category TWPE in the 2008 TRI database is significantly lower than the 2008 DMR TWPE. Therefore, EPA focused the preliminary category review on hexachlorophene discharges in the 2008 DMR database.

15.4 Waste Combustors Hexachlorophene Discharges in DMR

As part of the 2010 annual review of the Waste Combustors Category, EPA reviewed hexachlorophene discharges in the 2008 DMR database. Approximately 70 percent of the 2008 DMR TWPE results from hexachlorophene discharges. Only one facility, Clean Harbors Deer Park, reported hexachlorophene discharges.

Clean Harbors Deer Park discharges hexachlorophene from outfall 001. Table 15-9 presents Clean Harbors Deer Park's quarterly hexachlorophene discharge data from the DMR Loadings Tool. EPA contacted the facility to verify the hexachlorophene quantities and flows for outfall 001. The facility contact indicated that the quantities were reported as lb/day rather than kg/day. Additionally, the facility contact indicated that the reported quantities were based on nondetect hexachlorophene concentrations. The quantities were reported without the below detection limit (BDL) indicator (i.e., "<" sign) because their permit requires them to use the detection limit to calculate the quantity if the concentrations are nondetect (Honohan, 2010). Table 15-9 also presents the facility-provided quantities, converted to kg/day. Using the revised quantities, Clean Harbors Deer Park's hexachlorophene discharges are 0 TWPE, reducing the Waste Combustors Category 2008 DMR TWPE by approximately 72 percent, from 245,000 to 73,000 TWPE.

Table 15-9. Clean Harbors Deer Park 2008 Monthly Hexachlorophene Discharge Data

| Outfall | Monitoring Period Date | DMR Loadings Tool Average Quantity (kg/day) | Facility-Provided Average Quantity (kg/day) |
|---------|------------------------|---|---|
| 001 | 31-Jan-08 | 0.128 | <0.058 |
| 001 | 30-Apr-08 | 0.120 | <0.054 |
| 001 | 31-Jul-08 | 0.132 | <0.060 |
| 001 | 31-Oct-08 | 0.101 | <0.046 |

Source: DMR Loadings Tool; and Facility Contact (Honohan, 2010).

15.5 Waste Combustors Category Conclusions

The estimated toxicity of the Waste Combustors Category discharges results mainly from the hexachlorophene discharges of one plant (accounting for 72 percent of the category's 2008 DMR TWPE). The remaining estimated toxicity results mainly from metals discharges. Data collected for the 2010 annual review demonstrated that wastewater discharge characteristics for this category are consistent with discharges from prior years. As in prior years, EPA makes the following conclusions:

- Based on contacts with Clean Harbors Deer Park, in 2008, the facility did not detect hexachlorophene (i.e., all concentrations were below the detection limit).

EPA then set the hexachlorophene load and TWPE to zero. Correcting this error decreases the Waste Combustors Category combined 2008 DMR and TRI TWPE to 81,800 TWPE.

- EPA will collect data on metals and pesticides discharges from waste combustors for consideration during the 2011 annual review because the estimated toxicity is primarily from these groups of chemicals.
- EPA will continue monitoring discharges from waste combustors as part of future annual reviews.

EPA prioritizes point source categories with existing regulations for potential revision based on the greatest estimated toxicity to human health and the environment, measured as TWPE. Based on the above conclusion, EPA is assigning this category with a lower priority for revision (i.e., this category is marked with “(5)” in the “Findings” column in Table V-1 in the Federal Register notice that presents the 2010 annual review of existing effluent guidelines and pretreatment standards).

15.6 Waste Combustors Category References

1. Honohan, Kevin, Craig. 2010. E-mail communication between Kevin Honohan, Clean Harbors Deer Park, and Eleanor Codding, Eastern Research Group, Inc. “DMRs Clarification Needed for TX0005941.” (July 8). EPA-HQ-OW-2008-0517 DCN 07282.
2. U.S. Census. 2002. U.S. Economic Census. Available online at: <http://www.census.gov/econ/census02>.
3. U.S. EPA. 2000. *Development Document for Final Effluent Limitations Guidelines and Standards for Commercial Hazardous Waste Combustors*. EPA-821-R-99-020. Washington, DC. (January). Available online at: <http://epa.gov/guide/chwc/final/technical.html>.
4. U.S. EPA. 2008. *Technical Support Document for the 2008 Effluent Guidelines Program Plan*. EPA-821-R-08-015. Washington, DC. (August). EPA-HQ-OW-2006-0771-1701.

PART III: DETAILED STUDIES

16. HEALTH CARE INDUSTRY AND HOSPITALS CATEGORY (40 CFR PART 460)

Pharmaceutical chemicals have been detected in our nation's waterways, leading to concerns that these compounds may affect aquatic life and possible human health through drinking water sources. As a result of public comments on the 2006 Final 2006 Plan, EPA initiated a study of unused pharmaceutical disposal practices at health care facilities. The focus of this study was on disposal to water via sewers. EPA studied medical facilities; including, hospitals, hospices, long-term care facilities, health care clinics, physician offices, and veterinary facilities. A standard disposal practice at many health care facilities is to flush unused pharmaceuticals down the toilet or drain.

Unused pharmaceuticals include leftover medication that is expired, not dispensed, and/or partially used, and residues from delivery devices. During the study, EPA conducted intensive outreach to over 700 stakeholders and evaluated a range of management practices to reduce the generation of unused pharmaceuticals and their disposal down the drain. Based on the information collected through the outreach, EPA has drafted a guidance document, “Best Management Practices for Unused Pharmaceuticals at Health Care Facilities” (U.S. EPA, 2010). The guidance document was made available for a 60 day public review and comment as announced in a Federal Register Notice, published on September 8, 2010 (75 FR 54627). The draft guidance document was posted on the Agency’s website.

In summary, the guidance recommends the following practices to prevent or minimize the amount of pharmaceuticals being disposed in water:

- Conduct an inventory of pharmaceuticals and pharmaceutical waste to quantify the amount of medication the facility is disposing of;
- Reduce pharmaceutical waste by reviewing purchasing practices, use limited dose or unit dose dispensing, replace pharmaceutical samples with vouchers, and perform on-going inventory control and stock rotation;
- Reuse or donate unused pharmaceuticals when possible; return unused pharmaceuticals to the pharmacy; send unused pharmaceuticals to a reverse distributor for credit and proper disposal in accordance with the facility’s state environmental regulations; properly identify and manage hazardous pharmaceutical wastes in accordance with federal and state regulations; use EPA recommended practices to dispose of non-hazardous pharmaceutical waste at the facility;
- Segregate waste for disposal to ensure regulations are met; and
- Train staff in proper disposal methods.

EPA received 89 comments on the proposed guidance on November 8, 2010 and is reviewing suggested changes to the document and working with relevant Federal Agencies to ensure any incorporated comments are consistent with other Federal laws and policies. EPA plans to issue the study report and final guidance in 2011 and will notify stakeholders directly and by means of its website at:

http://water.epa.gov/scitech/wastetech/guide/unusedpharms_index.cfm

16.1 Health Care Industry and Hospitals Category References

1. U.S. EPA. 2010. *Draft Guidance Document: Best Management Practices for Unused Pharmaceuticals at Health Care Facilities*. EPA-821-R-10-006. Washington, DC. (August 26). Available online at:
<http://water.epa.gov/scitech/wastetech/guide/upload/unuseddraft.pdf>.

17. OIL AND GAS EXTRACTION (40 CFR PART 435)

As a result of prior 304(m) planning, EPA initiated a detailed study of the coalbed methane industry and its wastewater discharges. Coalbed methane extraction is considered a subcategory of the Oil and Gas Extraction (Oil and Gas) Category, although it is not currently subject to the ELGs promulgated for this category. Since 2006, the coalbed methane industry has expanded. In addition, EPA received comments in 2005, 2008, and again during the 2010 review from citizens and environmental advocacy groups requesting development of a regulation for coalbed methane extraction as well as for shale gas extraction, another subcategory of the Oil and Gas Category. Unlike coalbed methane extraction, however, shale gas extraction is now subject to the Oil and Gas ELGs, although there are currently no applicable categorical pretreatment standards for shale gas extraction.

Coalbed methane-produced water discharges can impact receiving surface waters and soils. Saline discharges from coalbed methane operations can adversely affect aquatic life. The large volume of water discharged can also cause stream bank erosion and salt deposition, creating hardpan soil. Long-term impacts include sodium buildup, reduction of plant diversity, mobilization of salts and other elements, and alteration of surface and subsurface hydrology.

17.1 Overview of Operations

Methane gas is naturally created during the geologic process of converting plant material to coal (coalification). To extract the methane, coalbed methane operators drill wells into coal seams and pump out ground water. Removing the ground water from the formation is necessary to produce coalbed methane, as the water removal reduces the pressure and allows the methane to release from the coal to produce flowing natural gas. In 2008, 252 coalbed methane operators managed approximately 55,500 coalbed methane wells in the U.S. in 13 distinct regions, called basins.

17.2 Produced Water

The ground water that has been pumped out of the well, called "produced water," like most ground water found deep below the surface of the earth, has high salinity and can include pollutants such as chloride, sodium, sulfate, bicarbonate, fluoride, iron, barium, magnesium, ammonia, and arsenic. To quantify the amount of pollutants in coalbed methane produced waters, EPA relied on measuring total dissolved solids and electrical conductivity, which are bulk parameters for quantifying the total amount of dissolved solids in a wastewater.

A single coalbed methane well can discharge thousands of gallons of produced water per day, and may discharge produced water for anywhere from 5 to 15 years. Coalbed methane wells have a distinctive production history characterized by: an early stage when large amounts of water are produced to reduce reservoir pressure which in turn encourages release of gas; a stable stage when quantities of produced gas increase as the quantities of produced water decrease; and a late stage when the amount of gas produced declines and water production remains low.

The quantity and quality of produced water varies from basin to basin, within a particular basin, from coal seam to coal seam, and over the lifetime of a coalbed methane well. For example, coalbed methane produced water volumes range from 1,000 gallons per day (gpd) per well in the San Juan Basin to 17,000 gpd per well in the Powder River Basin.

17.2.1 Management of Produced Water

Coalbed methane operators need to dispose of thousands of gallons of produced water per day for each coalbed methane well. Operators can employ a range of options for treatment and management of this wastewater.

Preliminary estimates based on survey data predict that approximately 47 billion gallons of produced water are pumped annually from coal seams across the country. Approximately 45 percent of those produced waters are directly discharged to waters of the U.S., for a total national discharge of 22 billion gallons per year.

Surface water discharge is most prevalent in three U.S. coalbed methane basins:

- The Black Warrior Basin in Alabama and Mississippi (11 percent of total coalbed methane surface discharges);
- The Powder River Basin in Wyoming and Montana (72 percent of total coalbed methane surface discharges); and
- The Raton Basin in Colorado and New Mexico (11 percent of total coalbed methane surface discharges).

Many of these discharges are largely untreated. Surface discharge occurs rarely, if at all, in the other major commercial basins.

In the other commercial basins in the U.S, coalbed methane operators are, for the most part, able to prevent discharging their produced water by discharging the water to land (where there may be other impacts to the soil or vegetation), re-injecting the produced water back into the ground, or using the water in one of many beneficial use options (e.g., stock watering, irrigation).

17.2.2 Treatment of Produced Waters

Available technology options for adequately removing pollutants from produced water include ion exchange and reverse osmosis.

17.3 Summary of Outreach

In 2007, EPA conducted several site visits to coalbed methane basins throughout the country and gathered information on potential treatment technologies for coalbed methane-produced water discharges. EPA also conducted widespread outreach with stakeholders, both in the industry and from the communities adjacent to coalbed methane basins. EPA conducted more than 30 site visits to locations in 6 coalbed methane basins and met with over 300 different stakeholders. EPA also conducted 13 meetings and teleconferences with over 150 stakeholders. In addition to the extensive information collection through site visits and outreach, EPA acknowledged that an informed decision about rulemaking would require even more detailed information. EPA developed an industry questionnaire, solicited public comment twice, and in 2009 obtained OMB approval under the Paperwork Reduction Act, to conduct a mandatory survey directed at operators of coalbed methane projects which consist of a single well or a group of wells operated by the same company. The questionnaire collected technical and economic data in a two-part survey, a screener and a detailed survey, on the operations and

operators of coalbed methane projects. Questionnaire responses arrived in early 2010 and the data was used by EPA to create national estimates of pollutant discharges across the country from the coalbed methane industry and to develop an economic profile of the industry.

In response to the Preliminary 2010 Plan, EPA received 32 comments on coalbed methane extraction. Comments from industry sources did not support rulemaking for coalbed methane, suggesting an effluent guideline was not appropriate due to the variability of produced water quality, quantity and available management techniques across the country. Additionally, industry stated that the current regulatory framework of site-specific BPJ permits was adequately addressing pollutant discharges from produced water discharges.

The final detailed study report for coalbed methane is being issued concurrent with the Final 2010 Plan (U.S. EPA, 2010).

Coalbed methane production represents about 8 percent of natural gas production in this country, and coalbed methane extraction is expected to continue for decades. Of the 22 billion gallons of water discharged to surface water each year some has high total dissolved solids. The detailed study also found that there are readily available technologies to treat this produced water. As a result of the information gathered in the detailed study, EPA has decided to initiate rulemaking for coalbed methane extraction, a currently unregulated subcategory of the Oil and Gas Category.

17.4 Oil and Gas Extraction References

1. U.S. EPA. 2010. *Coalbed Methane Extraction: Detailed Study Report*. EPA-821-R-10-022. Washington, DC. EPA-HQ-OW-2008-0517 DCN 09999.

Appendix A

SUPPLEMENTAL MATERIALS FOR EAD'S SCREENING-LEVEL ANALYSIS

| | |
|-----------|---|
| Table A-1 | SIC/Point Source Category Crosswalk |
| Table A-2 | SIC Codes Not Assigned to a Point Source Category |
| Table A-3 | NAICS/Point Source Category Crosswalk |
| Table A-4 | NAICS Codes Not Assigned to a Point Source Category |
| Table A-5 | TWFs for Chemicals in <i>TRIRelases2008</i> and <i>DMRLoads2008</i> |
| Table A-6 | POTW Removals |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--------------------------------|-------------------------|---------------------------------|---|
| 101 | Cocoa | SIC | 1 | Agricultural Production - Crops |
| 111 | Wheat | SIC | 1 | Agricultural Production - Crops |
| 112 | Rice | SIC | 1 | Agricultural Production - Crops |
| 115 | Corn | SIC | 1 | Agricultural Production - Crops |
| 116 | Soybeans | SIC | 1 | Agricultural Production - Crops |
| 119 | Cash Grains, NEC | SIC | 1 | Agricultural Production - Crops |
| 131 | Cotton | SIC | 1 | Agricultural Production - Crops |
| 132 | Tobacco | SIC | 1 | Agricultural Production - Crops |
| 133 | Sugarcane And Sugar Beets | SIC | 1 | Agricultural Production - Crops |
| 134 | Irish Potatoes | SIC | 1 | Agricultural Production - Crops |
| 139 | Crops, Except Cash Grains, NEC | SIC | 1 | Agricultural Production - Crops |
| 161 | Vegetables And Melons | SIC | 1 | Agricultural Production - Crops |
| 171 | Berry Crops | SIC | 1 | Agricultural Production - Crops |
| 172 | Grapes | SIC | 1 | Agricultural Production - Crops |
| 173 | Tree Nuts | SIC | 1 | Agricultural Production - Crops |
| 174 | Citrus Fruits | SIC | 1 | Agricultural Production - Crops |
| 175 | Deciduous Tree Fruits | SIC | 1 | Agricultural Production - Crops |
| 179 | Fruits And Tree Nuts, NEC | SIC | 1 | Agricultural Production - Crops |
| 181 | Ornamental Nursery Products | SIC | 1 | Agricultural Production - Crops |
| 182 | Food Crops Grown Under Cover | SIC | 1 | Agricultural Production - Crops |
| 191 | General Farms, Primarily Crop | SIC | 1 | Agricultural Production - Crops |
| 211 | Beef Cattle Feedlots | PSC | 412 | Concentrated Animal Feeding Operations (CAFO) |
| 212 | Beef Cattle, Except Feedlots | PSC | 412 | Concentrated Animal Feeding Operations (CAFO) |
| 213 | Hogs | PSC | 412 | Concentrated Animal Feeding Operations (CAFO) |
| 214 | Sheep And Goats | PSC | 412 | Concentrated Animal Feeding Operations (CAFO) |
| 219 | General Livestock, NEC | PSC | 412 | Concentrated Animal Feeding Operations (CAFO) |
| 241 | Dairy Farms | PSC | 412 | Concentrated Animal Feeding Operations (CAFO) |
| 251 | Broil, Fry And Roast Chickens | PSC | 412 | Concentrated Animal Feeding Operations (CAFO) |
| 252 | Chicken Eggs | PSC | 412 | Concentrated Animal Feeding Operations (CAFO) |
| 253 | Turkey And Turkey Eggs | PSC | 412 | Concentrated Animal Feeding Operations (CAFO) |
| 254 | Poultry Hatcheries | PSC | 412 | Concentrated Animal Feeding Operations (CAFO) |
| 259 | Poultry And Eggs, NEC | PSC | 412 | Concentrated Animal Feeding Operations (CAFO) |
| 271 | Fur-Bearing Animals & Rabbits | SIC | 2 | Agricultural Production - Livestock |
| 272 | Horses And Other Equines | PSC | 412 | Concentrated Animal Feeding Operations (CAFO) |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--------------------------------|-------------------------|---------------------------------|-------------------------------------|
| 273 | Animal Aquaculture | PSC | 451 | Aquatic Animal Production Industry |
| 279 | Animal Specialties, NEC | SIC | 2 | Agricultural Production - Livestock |
| 291 | Farms, Primarily Livestock | SIC | 2 | Agricultural Production - Livestock |
| 711 | Soil Preparation Services | SIC | 7 | Agricultural Services |
| 721 | Crop Planting & Protection | SIC | 7 | Agricultural Services |
| 722 | Harvesting, Primarily Machine | SIC | 7 | Agricultural Services |
| 723 | Crop Prep Services For Market | SIC | 7 | Agricultural Services |
| 724 | Cotton Ginning | SIC | 7 | Agricultural Services |
| 741 | Vet Services For Livestock | PSC | 460 | Health Services Industries |
| 742 | Vet Serv For Animal Specialty | PSC | 460 | Health Services Industries |
| 751 | Livestock Services, Except Vet | SIC | 7 | Agricultural Services |
| 752 | Animal Special Serv Except Vet | SIC | 7 | Agricultural Services |
| 761 | Farm Labor Contract & Crew | SIC | 7 | Agricultural Services |
| 762 | Farm Management Services | SIC | 7 | Agricultural Services |
| 781 | Landscape Counseling And Plan | SIC | 7 | Agricultural Services |
| 782 | Lawn And Garden Services | SIC | 7 | Agricultural Services |
| 783 | Ornamental Shrub And Tree Serv | SIC | 7 | Agricultural Services |
| 811 | Timber Tracts | SIC | 8 | Forestry |
| 831 | Forest Products | SIC | 8 | Forestry |
| 851 | Forestry Services | SIC | 8 | Forestry |
| 912 | Finfish | SIC | 9 | Fishing, Hunting, & Trapping |
| 913 | Shellfish | SIC | 9 | Fishing, Hunting, & Trapping |
| 919 | Miscellaneous Marine Products | SIC | 9 | Fishing, Hunting, & Trapping |
| 921 | Fish Hatcheries And Preserves | PSC | 451 | Aquatic Animal Production Industry |
| 971 | Hunt & Trap & Game Propogation | SIC | 9 | Fishing, Hunting, & Trapping |
| 1011 | Iron Ores | PSC | 440 | Ore mining and dressing |
| 1021 | Copper Ores | PSC | 440 | Ore mining and dressing |
| 1031 | Lead And Zinc Ores | PSC | 440 | Ore mining and dressing |
| 1041 | Gold Ores | PSC | 440 | Ore mining and dressing |
| 1044 | Silver Ores | PSC | 440 | Ore mining and dressing |
| 1061 | Ferroalloy Ores, Excl Vanadium | PSC | 440 | Ore mining and dressing |
| 1081 | Metal Mining Services | PSC | 440 | Ore mining and dressing |
| 1094 | Uranium-Radium-Vanadium Ores | PSC | 440 | Ore mining and dressing |
| 1099 | Metal Ores, NEC | PSC | 440 | Ore mining and dressing |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--------------------------------|-------------------------|---------------------------------|-------------------------------------|
| 1221 | Bituminous Coal & Lig, Surface | PSC | 434 | Coal mining |
| 1222 | Bituminous Coal & Lig, Undergr | PSC | 434 | Coal mining |
| 1231 | Anthracite Mining | PSC | 434 | Coal mining |
| 1241 | Coal Mining Service | SIC | 12 | Coal Mining - SIC 12 |
| 1311 | Crude Petroleum & Natural Gas | PSC | 435 | Oil & Gas Extraction |
| 1321 | Natural Gas Liquids | SIC | 13 | Natural Gas Liquids |
| 1381 | Drilling Oil And Gas Wells | PSC | 435 | Oil & Gas Extraction |
| 1382 | Oil And Gas Field Exploration | PSC | 435 | Oil & Gas Extraction |
| 1389 | Oil And & Field Services, NEC | PSC | 435 | Oil & Gas Extraction |
| 1411 | Dimension Stone | PSC | 436 | Mineral Mining and Processing |
| 1422 | Crushed And Broken Limestone | PSC | 436 | Mineral Mining and Processing |
| 1423 | Crushed And Broken Granite | PSC | 436 | Mineral Mining and Processing |
| 1429 | Crushed And Broken Stone, NEC | PSC | 436 | Mineral Mining and Processing |
| 1442 | Construction Sand And Gravel | PSC | 436 | Mineral Mining and Processing |
| 1446 | Industrial Sand | PSC | 436 | Mineral Mining and Processing |
| 1455 | Kaolin And Ball Clay | PSC | 436 | Mineral Mining and Processing |
| 1459 | Clay, Ceramic & Refrac Mat NEC | PSC | 436 | Mineral Mining and Processing |
| 1474 | Potash, Soda & Borate Minerals | PSC | 436 | Mineral Mining and Processing |
| 1475 | Phosphate Rock | PSC | 436 | Mineral Mining and Processing |
| 1479 | Chem & Fert Minera Mining, NEC | PSC | 436 | Mineral Mining and Processing |
| 1481 | Nonmetal Mineral (Except Fuels | PSC | 436 | Mineral Mining and Processing |
| 1499 | Misc Nonmetal Minerals, NEC | PSC | 436 | Mineral Mining and Processing |
| 1521 | Contractors-Single Family Hous | SIC | 15 | General Building Contractors |
| 1522 | Gen Contract-Res, Not Sinfa | SIC | 15 | General Building Contractors |
| 1531 | Operative Builders | SIC | 15 | General Building Contractors |
| 1541 | Gen Contract-Indust. Bldgs. | SIC | 15 | General Building Contractors |
| 1542 | Gen Contract, Non-Res Bldgs. | SIC | 15 | General Building Contractors |
| 1611 | Hwy & St Const., Exc. Elev Hwy | SIC | 16 | Heavy Construction, Except Building |
| 1622 | Bridge, Tunnel & Elev Hwy Cons | SIC | 16 | Heavy Construction, Except Building |
| 1623 | H2o, Sew, Pipe & Com. & Powr | SIC | 16 | Heavy Construction, Except Building |
| 1629 | Heavy Construction, NEC | PNC | NA | Construction and Development |
| 1711 | Plumb, Heat & Air Conditioning | SIC | 17 | Special Trade Contractors |
| 1721 | Painting And Paper Hanging | SIC | 17 | Special Trade Contractors |
| 1731 | Electrical Work | SIC | 17 | Special Trade Contractors |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--------------------------------|-------------------------|---------------------------------|-----------------------------------|
| 1741 | Masonry, Stone Set, Stone Work | SIC | 17 | Special Trade Contractors |
| 1742 | Plstr, Drywall, Acous, & Insul | SIC | 17 | Special Trade Contractors |
| 1743 | Terrazzo,Tile,Marble, Mosaic | SIC | 17 | Special Trade Contractors |
| 1751 | Carpentry Work | SIC | 17 | Special Trade Contractors |
| 1752 | Floor Lay & Other Floor Work | SIC | 17 | Special Trade Contractors |
| 1761 | Roof, Side & Sheet Metal Work | SIC | 17 | Special Trade Contractors |
| 1771 | Concrete Work | SIC | 17 | Special Trade Contractors |
| 1781 | Water Well Drilling | SIC | 17 | Special Trade Contractors |
| 1791 | Structural Steel Erection | SIC | 17 | Special Trade Contractors |
| 1793 | Glass And Glazing Work | SIC | 17 | Special Trade Contractors |
| 1794 | Excavation Work | SIC | 17 | Special Trade Contractors |
| 1795 | Wrecking And Demolition Work | SIC | 17 | Special Trade Contractors |
| 1796 | Inst Or Erection Of Bldg Equip | SIC | 17 | Special Trade Contractors |
| 1799 | Special Trade Contractors, NEC | SIC | 17 | Special Trade Contractors |
| 2011 | Meat Packing Plants | PSC | 432 | Meat and Poultry Products |
| 2013 | Sausages & Prepared Meat Prod | PSC | 432 | Meat and Poultry Products |
| 2015 | Poultry Slaughtering & Process | PSC | 432 | Meat and Poultry Products |
| 2021 | Creamery Butter | PSC | 405 | Dairy products processing |
| 2022 | Cheese, Natural And Processed | PSC | 405 | Dairy products processing |
| 2023 | Condensed And Evaporated Milk | PSC | 405 | Dairy products processing |
| 2024 | Ice Cream And Frozen Desserts | PSC | 405 | Dairy products processing |
| 2026 | Fluid Milk | PSC | 405 | Dairy products processing |
| 2032 | Canned Specialties | PNC | NA | Miscellaneous Foods and Beverages |
| 2033 | Canned Fruits, Veg, Pres, Jam | PSC | 407 | Fruits and vegetable processing |
| 2034 | Dehydrated Fruits, Veg, Soups | PNC | NA | Miscellaneous Foods and Beverages |
| 2035 | Pickled Frts & Veg. Sauces | PSC | 407 | Fruits and vegetable processing |
| 2037 | Frozen Frts, Frt Juices & Veg | PSC | 407 | Fruits and vegetable processing |
| 2038 | Frozen Specialties, NEC | PNC | NA | Miscellaneous Foods and Beverages |
| 2041 | Flour & Other Grain Mill Prod | PSC | 406 | Grain mills manufacturing |
| 2043 | Cereal Breakfast Foods | PSC | 406 | Grain mills manufacturing |
| 2044 | Rice Milling | PSC | 406 | Grain mills manufacturing |
| 2045 | Blended And Prepared Flour | PSC | 406 | Grain mills manufacturing |
| 2046 | Wet Corn Milling | PSC | 406 | Grain mills manufacturing |
| 2047 | Dog And Cat Food | PSC | 406 | Grain mills manufacturing |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--------------------------------|-------------------------|---------------------------------|-----------------------------------|
| 2048 | Prep Feeds & Ingred For Anima | SIC | 20 | Food & Kindred Products |
| 2051 | Bread & Other Bakery Products | PNC | NA | Miscellaneous Foods and Beverages |
| 2052 | Cookies And Crackers | PNC | NA | Miscellaneous Foods and Beverages |
| 2053 | Frozen Bakery Products | PNC | NA | Miscellaneous Foods and Beverages |
| 2061 | Cane Sugar, Except Refine Only | PSC | 409 | Sugar processing |
| 2062 | Cane Sugar Refining | PSC | 409 | Sugar processing |
| 2063 | Beet Sugar | PSC | 409 | Sugar processing |
| 2064 | Candy & Other Confection Prod | PNC | NA | Miscellaneous Foods and Beverages |
| 2066 | Chocolate And Cocoa Products | PNC | NA | Miscellaneous Foods and Beverages |
| 2067 | Chewing Gum | PNC | NA | Miscellaneous Foods and Beverages |
| 2068 | Salted & Roasted Nuts & Seeds | PNC | NA | Miscellaneous Foods and Beverages |
| 2074 | Cottonseed Oil Mills | PNC | NA | Miscellaneous Foods and Beverages |
| 2075 | Soybean Oil Mills | PNC | NA | Miscellaneous Foods and Beverages |
| 2076 | Veg. Oil Mills, Except Corn | PNC | NA | Miscellaneous Foods and Beverages |
| 2077 | Animal And Marine Fats & Oils | PSC | 432 | Meat and Poultry Products |
| 2079 | Short, Table Oils, Margerine | PNC | NA | Miscellaneous Foods and Beverages |
| 2082 | Malt Beverages | PNC | NA | Miscellaneous Foods and Beverages |
| 2083 | Malt | PNC | NA | Miscellaneous Foods and Beverages |
| 2084 | Wines, Brandy & Brandy Spirit | PNC | NA | Miscellaneous Foods and Beverages |
| 2085 | Dist, Rectified & Blended Liq | PNC | NA | Miscellaneous Foods and Beverages |
| 2086 | Bot & Can Soft Drnk & Carb Wa | PNC | NA | Miscellaneous Foods and Beverages |
| 2087 | Flav Extr & Flav Syrups, NEC | PNC | NA | Miscellaneous Foods and Beverages |
| 2091 | Canned & Cured Fish & Seafood | PSC | 408 | Canned and preserved seafood |
| 2092 | Fre Or Froz Pck Fish, Seafood | PSC | 408 | Canned and preserved seafood |
| 2095 | Roasted Coffee | PNC | NA | Miscellaneous Foods and Beverages |
| 2096 | Potato Chips & Similar Snacks | PSC | 407 | Fruits and vegetable processing |
| 2097 | Manufactured Ice | PNC | NA | Miscellaneous Foods and Beverages |
| 2098 | Macaroni, Spagh, Vermi, Noodl | PNC | NA | Miscellaneous Foods and Beverages |
| 2099 | Food Preparations, NEC | PNC | NA | Miscellaneous Foods and Beverages |
| 2111 | Cigarettes | PNC | NA | Tobacco Products |
| 2121 | Cigars | PNC | NA | Tobacco Products |
| 2131 | Tobacco (Chew & Smok) & Snuff | PNC | NA | Tobacco Products |
| 2141 | Tobacco Stemming And Redrying | PNC | NA | Tobacco Products |
| 2211 | Broad Woven Fabric Mills, Cott | PSC | 410 | Textile mills |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--------------------------------|-------------------------|---------------------------------|----------------------------------|
| 2221 | Broad Woven Fabric Mills, Synt | PSC | 410 | Textile mills |
| 2231 | Broad Woven Fabric Mills, Wool | PSC | 410 | Textile mills |
| 2241 | Narrow Fab & Other Smallwares | PSC | 410 | Textile mills |
| 2251 | Women's Full/Knee Length Hosry | PSC | 410 | Textile mills |
| 2252 | Hosiery, NEC | PSC | 410 | Textile mills |
| 2253 | Knit Outerwear Mills | PSC | 410 | Textile mills |
| 2254 | Knit Underwear Mills | PSC | 410 | Textile mills |
| 2257 | Circular Knit Fabric Mills | PSC | 410 | Textile mills |
| 2258 | Warp Knit Fabric Mills | PSC | 410 | Textile mills |
| 2259 | Knitting Mills, NEC | PSC | 410 | Textile mills |
| 2261 | Finish Of Brd Wov Fab Of Cottn | PSC | 410 | Textile mills |
| 2262 | Finish Of Brd Wov Fab/Man-Made | PSC | 410 | Textile mills |
| 2269 | Finishers Of Textiles, NEC | PSC | 410 | Textile mills |
| 2273 | Carpets And Rugs, NEC | PSC | 410 | Textile mills |
| 2281 | Yarn Spin Mills:Cotton, Mm Fib | PSC | 410 | Textile mills |
| 2282 | Yarn Text, Throw, Twist & Wind | PSC | 410 | Textile mills |
| 2284 | Thread Mills | PSC | 410 | Textile mills |
| 2295 | Coated Fabrics, Not Rubberized | PSC | 410 | Textile mills |
| 2296 | Tire Cord And Fabric | PSC | 410 | Textile mills |
| 2297 | Nonwoven Fabrics | PSC | 410 | Textile mills |
| 2298 | Cordage And Twine | PSC | 410 | Textile mills |
| 2299 | Textile Goods, NEC | PSC | 410 | Textile mills |
| 2311 | Men's & Boy's Suits, Coats | SIC | 23 | Apparel & Other Textile Products |
| 2321 | Men's, & Boy's Shirts | SIC | 23 | Apparel & Other Textile Products |
| 2322 | Men's & Boys Underwear & Night | PSC | 410 | Textile mills |
| 2323 | Men's, Youth's & Boys Neckwear | SIC | 23 | Apparel & Other Textile Products |
| 2325 | Men & Boy Sep Trousers & Slack | SIC | 23 | Apparel & Other Textile Products |
| 2326 | Men's & Boy's Work Clothing | SIC | 23 | Apparel & Other Textile Products |
| 2329 | Men's, Youth's & Boy's Clothng | SIC | 23 | Apparel & Other Textile Products |
| 2331 | Women, Mis, Jr' Blses, Waists | SIC | 23 | Apparel & Other Textile Products |
| 2335 | Women's, Misses' & Jrs' Dress | SIC | 23 | Apparel & Other Textile Products |
| 2337 | Women, Mis', Jrs' Suits, Shirt | SIC | 23 | Apparel & Other Textile Products |
| 2339 | Women's, Miss' & Jr' Outerwear | SIC | 23 | Apparel & Other Textile Products |
| 2341 | Womens,Mis',Chld's,Inf Underwe | SIC | 23 | Apparel & Other Textile Products |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--------------------------------|-------------------------|---------------------------------|----------------------------------|
| 2342 | Brassiers,Girdles & Allied Gar | SIC | 23 | Apparel & Other Textile Products |
| 2353 | Hats, Caps And Millinery | SIC | 23 | Apparel & Other Textile Products |
| 2361 | Girls, Childs & Infs Outerwear | SIC | 23 | Apparel & Other Textile Products |
| 2369 | Girls, Childs & Infs Outerwear | SIC | 23 | Apparel & Other Textile Products |
| 2371 | Fur Goods | SIC | 23 | Apparel & Other Textile Products |
| 2381 | Dress & Wk Glove Exc Knit/Leat | SIC | 23 | Apparel & Other Textile Products |
| 2384 | Robes & Dressing Gowns | SIC | 23 | Apparel & Other Textile Products |
| 2385 | Raincoats & Raingear | SIC | 23 | Apparel & Other Textile Products |
| 2386 | Leather & Sheep-Lined Clothing | SIC | 23 | Apparel & Other Textile Products |
| 2387 | Apparel Belts | SIC | 23 | Apparel & Other Textile Products |
| 2389 | Apparel & Accessories, NEC | SIC | 23 | Apparel & Other Textile Products |
| 2391 | Curtains & Draperies | SIC | 23 | Apparel & Other Textile Products |
| 2392 | Housefurnishings, Exc Curtains | SIC | 23 | Apparel & Other Textile Products |
| 2393 | Textile Bags | SIC | 23 | Apparel & Other Textile Products |
| 2394 | Canvas & Related Products | SIC | 23 | Apparel & Other Textile Products |
| 2395 | Pleating, Decor/Novelty Stitch | SIC | 23 | Apparel & Other Textile Products |
| 2396 | Automotive Trimmings, Apparel | PSC | 410 | Textile mills |
| 2397 | Schiffli Machine Embroideries | SIC | 23 | Apparel & Other Textile Products |
| 2399 | Fabrcated Textile Products NEC | PSC | 410 | Textile mills |
| 2411 | Logging Camps/Logging Contract | SIC | 24 | Lumber & Wood Products |
| 2421 | Sawmills & Planing Mills, Gen | PSC | 429 | Timber products processing |
| 2426 | Hardwood Dimen & Flooring Mill | SIC | 24 | Lumber & Wood Products |
| 2429 | Special Product Sawmills NEC | SIC | 24 | Lumber & Wood Products |
| 2431 | Millwork | PSC | 429 | Timber products processing |
| 2434 | Wood Kitchen Cabinets | PSC | 429 | Timber products processing |
| 2435 | Hardwood Veneer And Plywood | PSC | 429 | Timber products processing |
| 2436 | Softwood Veneer And Plywood | PSC | 429 | Timber products processing |
| 2439 | Structural Wood Members, NEC | PSC | 429 | Timber products processing |
| 2441 | Nailed/Lock Corner Wood Boxes | SIC | 24 | Lumber & Wood Products |
| 2448 | Wood Pallets And Skids | SIC | 24 | Lumber & Wood Products |
| 2449 | Wood Containers NEC | SIC | 24 | Lumber & Wood Products |
| 2451 | Mobile Homes | SIC | 24 | Lumber & Wood Products |
| 2452 | Prefab Wood Bldgs & Components | SIC | 24 | Lumber & Wood Products |
| 2491 | Wood Preserving | PSC | 429 | Timber products processing |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--------------------------------|-------------------------|---------------------------------|------------------------------|
| 2493 | Reconstituted Wood Products | PSC | 429 | Timber products processing |
| 2499 | Wood Products, NEC | PSC | 429 | Timber products processing |
| 2511 | Wood Household Furn, Exc Uphol | PSC | 429 | Timber products processing |
| 2512 | Wood Household Furn, Upholster | PSC | 429 | Timber products processing |
| 2514 | Metal Household Furniture | PSC | 433 | Metal Finishing |
| 2515 | Mattresses And Bedsprings | SIC | 25 | Furniture & Fixtures |
| 2517 | Wood Tv, Radio, Phono Cabinet | PSC | 429 | Timber products processing |
| 2519 | Household Furniture, NEC | SIC | 25 | Furniture & Fixtures |
| 2521 | Wood Office Furniture | PSC | 429 | Timber products processing |
| 2522 | Metal Office Furniture | PSC | 433 | Metal Finishing |
| 2531 | Public Building/Related Furnit | PSC | 433 | Metal Finishing |
| 2541 | Wood Parti,Shelf,Lock,Etc | PSC | 429 | Timber products processing |
| 2542 | Metal Parti,Shelf,Lockers | PSC | 433 | Metal Finishing |
| 2591 | Drape Hardware/Window Blinds | PSC | 433 | Metal Finishing |
| 2599 | Furniture And Fixtures, NEC | PSC | 433 | Metal Finishing |
| 2611 | Pulp Mills | PSC | 430 | Pulp, paper and paperboard |
| 2621 | Paper Mills | PSC | 430 | Pulp, paper and paperboard |
| 2631 | Paperboard Mills | PSC | 430 | Pulp, paper and paperboard |
| 2652 | Set-Up Paperboard Boxes | SIC | 26 | Paper & Allied Products |
| 2653 | Corrugated/Solid Fiber Boxes | PSC | 430 | Pulp, paper and paperboard |
| 2655 | Fiber Cans, Tubes,Drums & Prod | PSC | 430 | Pulp, paper and paperboard |
| 2656 | Sanitary Food Containers | PSC | 430 | Pulp, paper and paperboard |
| 2657 | Folding Paperboard Boxes | PSC | 430 | Pulp, paper and paperboard |
| 2671 | Coated & Laminated Packaging | PSC | 430 | Pulp, paper and paperboard |
| 2672 | Coated & Laminated, NEC | PSC | 430 | Pulp, paper and paperboard |
| 2673 | Bags, Plastic, Lamina & Coated | SIC | 26 | Paper & Allied Products |
| 2674 | Bags,Uncoatd Paper & Multiwall | PSC | 430 | Pulp, paper and paperboard |
| 2675 | Die-Cut Paper,Paperbrd/Cardbrd | SIC | 26 | Paper & Allied Products |
| 2676 | Sanitary Paper Products | SIC | 26 | Paper & Allied Products |
| 2677 | Envelopes | SIC | 26 | Paper & Allied Products |
| 2678 | Stationery,Tablets & Rel Prod | SIC | 26 | Paper & Allied Products |
| 2679 | Conv Paper & Paperbrd Products | PSC | 430 | Pulp, paper and paperboard |
| 2711 | Newspapers: Publishing & Print | PNC | NA | Printing & Publishing |
| 2721 | Periodicals: Publishing & Prin | PNC | NA | Printing & Publishing |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|---------------------------------|-------------------------|---------------------------------|--|
| 2731 | Books: Publishing & Printing | PNC | NA | Printing & Publishing |
| 2732 | Book Printing | PNC | NA | Printing & Publishing |
| 2741 | Miscellaneous Publishing | PNC | NA | Printing & Publishing |
| 2752 | Commercial Print, Lithographic | PNC | NA | Printing & Publishing |
| 2754 | Commercial Printing, Gravure | PNC | NA | Printing & Publishing |
| 2759 | Commercial Printing, NEC | PNC | NA | Printing & Publishing |
| 2761 | Manifold Business Forms | PNC | NA | Printing & Publishing |
| 2771 | Greeting Card Publishing | PNC | NA | Printing & Publishing |
| 2782 | Blankbooks,Looseleaf Binders | PNC | NA | Printing & Publishing |
| 2789 | Bookbinding & Related Work | PNC | NA | Printing & Publishing |
| 2791 | Typesetting | PNC | NA | Printing & Publishing |
| 2796 | Platemaking Services | PSC | 433 | Metal Finishing |
| 2812 | Alkalies And Chlorine | PSC | 415 | Inorganic chemicals |
| 2813 | Industrial Gases | PSC | 415 | Inorganic chemicals |
| 2816 | Inorganic Pigments | PSC | 415 | Inorganic chemicals |
| 2819 | Industrial Inorganic Chemicals | PSC | 415 | Inorganic chemicals |
| 2821 | Plstc Mat./Syn Resins/Nv Elast | PSC | 414 | Organic chemicals, plastics and synthetic fibers |
| 2822 | Syn Rubber (Vulcan Elastomers) | PSC | 428 | Rubber Manufacturing |
| 2823 | Cellulosic Man-Made Fibers | PSC | 414 | Organic chemicals, plastics and synthetic fibers |
| 2824 | Syn Org Fibers,Except Cellulos | PSC | 414 | Organic chemicals, plastics and synthetic fibers |
| 2833 | Medicinal Chem/Botanical Produ | PSC | 439 | Pharmaceutical manufacturing |
| 2834 | Pharmaceutical Preparations | PSC | 439 | Pharmaceutical manufacturing |
| 2835 | Diagnostic Substances | PSC | 439 | Pharmaceutical manufacturing |
| 2836 | Biological Prod, Except Diagnos | PSC | 439 | Pharmaceutical manufacturing |
| 2841 | Soap/Deterg Exc Special Cleanr | PSC | 417 | Soaps and detergents manufacturing |
| 2842 | Specialty Cleaning, Polishing | PSC | 414 | Organic chemicals, plastics and synthetic fibers |
| 2843 | Surf Active Agent, Fin Agents | PSC | 417 | Soaps and detergents manufacturing |
| 2844 | Perfumes,Cosmetics,Toilet Prep | PSC | 414 | Organic chemicals, plastics and synthetic fibers |
| 2851 | Paints/Varnish/Lacquers/Enamel | PSC | 446 | Paint formulating |
| 2861 | Gum And Wood Chemicals | PSC | 454 | Gum and wood chemicals |
| 2865 | Cyclic Crudes Interm., Dyes | PSC | 414 | Organic chemicals, plastics and synthetic fibers |
| 2869 | Indust. Organic Chemicals NEC | PSC | 414 | Organic chemicals, plastics and synthetic fibers |
| 2873 | Nitrogen Fertilizers | PSC | 418 | Fertilizer manufacturing |
| 2874 | Phosphatic Fertilizers | PSC | 422 | Phosphate manufacturing |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--------------------------------|-------------------------|---------------------------------|--|
| 2875 | Fertilizers, Mixing Only | PSC | 418 | Fertilizer manufacturing |
| 2879 | Pesticides & Agricultural Chem | PSC | 455 | Pesticide chemicals manufacturing |
| 2891 | Adhesives And Sealants | PSC | 414 | Organic chemicals, plastics and synthetic fibers |
| 2892 | Explosives | PSC | 457 | Explosives |
| 2893 | Printing Ink | PSC | 447 | Ink formulating |
| 2895 | Carbon Black | PSC | 458 | Carbon black manufacturing |
| 2899 | Chemicals & Chem Prep, NEC | PSC | 414 | Organic chemicals, plastics and synthetic fibers |
| 2911 | Petroleum Refining | PSC | 419 | Petroleum refining |
| 2951 | Paving Mixtures And Blocks | PSC | 443 | Paving and roofing materials (tars and asphalt) |
| 2952 | Asphalt Felt And Coatings | PSC | 443 | Paving and roofing materials (tars and asphalt) |
| 2992 | Lubricating Oils And Greases | PSC | 419 | Petroleum refining |
| 2999 | Prod Of Petroleum & Coal, NEC | PSC | 419 | Petroleum refining |
| 3011 | Tires And Inner Tubes | PSC | 428 | Rubber Manufacturing |
| 3021 | Rubber And Plastics Footwear | PSC | 428 | Rubber Manufacturing |
| 3052 | Rubber & Plastics Hose & Belt | PSC | 428 | Rubber Manufacturing |
| 3053 | Gaskets, Packing & Sealing Dev | PSC | 428 | Rubber Manufacturing |
| 3061 | Mechanical Rubber Goods | PSC | 428 | Rubber Manufacturing |
| 3069 | Fabricated Rubber Products,NEC | PSC | 428 | Rubber Manufacturing |
| 3081 | Unsupported Plstics Film/Sheet | PSC | 463 | Plastic molding and forming |
| 3082 | Unsupported Plastics Prof Shap | PSC | 463 | Plastic molding and forming |
| 3083 | Laminated Plastics Plate/Sheet | PSC | 463 | Plastic molding and forming |
| 3084 | Plastic Pipe | PSC | 463 | Plastic molding and forming |
| 3085 | Plastic Bottles | PSC | 463 | Plastic molding and forming |
| 3086 | Plastics Foam Products | PSC | 463 | Plastic molding and forming |
| 3087 | Custom Compounded Purch. Resin | PSC | 463 | Plastic molding and forming |
| 3088 | Plastics Plumbing Fixtures | PSC | 463 | Plastic molding and forming |
| 3089 | Plastics Products, NEC | PSC | 463 | Plastic molding and forming |
| 3111 | Leather Tanning And Finishing | PSC | 425 | Leather tanning and finishing |
| 3131 | Boot & Shoe Cut Stock & Findng | SIC | 31 | Leather & Leather Products |
| 3142 | House Slippers | SIC | 31 | Leather & Leather Products |
| 3143 | Men's Footwear,Except Athletic | SIC | 31 | Leather & Leather Products |
| 3144 | Women's Footwear,Except Athlet | SIC | 31 | Leather & Leather Products |
| 3149 | Footwear, Except Rubber NEC | SIC | 31 | Leather & Leather Products |
| 3151 | Leather Gloves And Mittens | SIC | 31 | Leather & Leather Products |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--------------------------------|-------------------------|---------------------------------|-------------------------------|
| 3161 | Luggage | SIC | 31 | Leather & Leather Products |
| 3171 | Women's Handbags And Purses | SIC | 31 | Leather & Leather Products |
| 3172 | Personal Leather Goods,Exc Han | SIC | 31 | Leather & Leather Products |
| 3199 | Leather Goods NEC | SIC | 31 | Leather & Leather Products |
| 3211 | Flat Glass | PSC | 426 | Glass manufacturing |
| 3221 | Glass Containers | PSC | 426 | Glass manufacturing |
| 3229 | Pressed & Blown Glass & Gware | PSC | 426 | Glass manufacturing |
| 3231 | Glass Prod Made Of Purch. Glas | PSC | 426 | Glass manufacturing |
| 3241 | Cement, Hydraulic | PSC | 411 | Cement manufacturing |
| 3251 | Brick And Structural Clay Tile | PSC | 436 | Mineral Mining and Processing |
| 3253 | Ceramic Wall And Floor Tile | PSC | 436 | Mineral Mining and Processing |
| 3255 | Clay Refractories | PSC | 436 | Mineral Mining and Processing |
| 3259 | Structural Clay Products NEC | PSC | 436 | Mineral Mining and Processing |
| 3261 | Vitreous China Plumbing Fixtur | PSC | 436 | Mineral Mining and Processing |
| 3262 | Vit China Table & Ktchn Articl | PSC | 436 | Mineral Mining and Processing |
| 3263 | Fine Earthenware | PSC | 436 | Mineral Mining and Processing |
| 3264 | Porcelain Electrical Supplies | PSC | 436 | Mineral Mining and Processing |
| 3269 | Pottery Products, NEC | PSC | 436 | Mineral Mining and Processing |
| 3271 | Concrete Block & Brick | SIC | 32 | Stone, Clay, & Glass Products |
| 3272 | Concrete Prod Exc Blck & Brick | PSC | 411 | Cement manufacturing |
| 3273 | Ready-Mixed Concrete | PSC | 411 | Cement manufacturing |
| 3274 | Lime | PSC | 436 | Mineral Mining and Processing |
| 3275 | Gypsum Products | PSC | 436 | Mineral Mining and Processing |
| 3281 | Cut Stone & Stone Products | SIC | 32 | Stone, Clay, & Glass Products |
| 3291 | Abrasive Products | PSC | 436 | Mineral Mining and Processing |
| 3292 | Asbestos Products | PSC | 427 | Asbestos manufacturing |
| 3295 | Mine & Earths, Ground Or Treat | PSC | 436 | Mineral Mining and Processing |
| 3296 | Mineral Wool | PSC | 426 | Glass manufacturing |
| 3297 | Nonclay Refractories | PSC | 436 | Mineral Mining and Processing |
| 3299 | Nonmetallic Mineral Prod, NEC | PSC | 436 | Mineral Mining and Processing |
| 3312 | Blast Furn/Steel Works/Rolling | PSC | 420 | Iron and steel manufacturing |
| 3313 | Electrometallurgical Products | PSC | 424 | Ferroalloy manufacturing |
| 3315 | Steel Wire Draw & Steel Nails | PSC | 420 | Iron and steel manufacturing |
| 3316 | Cold Rolled Steel Sheet/Strip | PSC | 420 | Iron and steel manufacturing |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--------------------------------|-------------------------|---------------------------------|---|
| 3317 | Steel Pipe And Tubes | PSC | 420 | Iron and steel manufacturing |
| 3321 | Gray Iron Foundries | PSC | 464 | Metal molding and casting (foundries) |
| 3322 | Malleable Iron Foundries | PSC | 464 | Metal molding and casting (foundries) |
| 3324 | Steel Investment Foundries | PSC | 464 | Metal molding and casting (foundries) |
| 3325 | Steel Foundries, NEC | PSC | 464 | Metal molding and casting (foundries) |
| 3331 | Primry Smelting & Copper Refin | PSC | 421 | Nonferrous metals manufacturing |
| 3334 | Primary Production Of Aluminum | PSC | 421 | Nonferrous metals manufacturing |
| 3339 | Prmry Smelt/Nonferrous Metals | PSC | 421 | Nonferrous metals manufacturing |
| 3341 | 2ndary Smelt/Nonferrous Metals | PSC | 421 | Nonferrous metals manufacturing |
| 3351 | Roll/Draw/Extruding Of Copper | PSC | 468 | Copper forming |
| 3353 | Aluminum Sheet, Plate And Foil | PSC | 467 | Aluminum forming |
| 3354 | Aluminum Extruded Products | PSC | 467 | Aluminum forming |
| 3355 | Aluminum Rolling & Drawing NEC | PSC | 467 | Aluminum forming |
| 3356 | Roll, Draw & Extrud Nonferrous | PSC | 471 | Nonferrous metals forming and metal powders |
| 3357 | Draw/Insulat Of Nonferrous Wir | PSC | 467 | Aluminum forming |
| 3357 | Draw/Insulat Of Nonferrous Wir | PSC | 468 | Copper forming |
| 3357 | Draw/Insulat Of Nonferrous Wir | PSC | 471 | Nonferrous metals forming and metal powders |
| 3363 | Aluminum Die Casting | PSC | 467 | Aluminum forming |
| 3363 | Aluminum Die Casting | PSC | 471 | Nonferrous metals forming and metal powders |
| 3364 | Nonferrous Die Cast, Exc. Alum | PSC | 464 | Metal molding and casting (foundries) |
| 3365 | Aluminum Foundries | PSC | 464 | Metal molding and casting (foundries) |
| 3366 | Copper Foundries | PSC | 464 | Metal molding and casting (foundries) |
| 3369 | Nonferrous Foundries, Exc Alum | PSC | 464 | Metal molding and casting (foundries) |
| 3398 | Metal Heat Treating | PSC | 433 | Metal Finishing |
| 3399 | Primary Metal Products, NEC | PSC | 471 | Nonferrous metals forming and metal powders |
| 3411 | Metal Cans | PSC | 465 | Coil coating |
| 3412 | Metal Barrels, Drums And Pails | PSC | 433 | Metal Finishing |
| 3421 | Cutlery | PSC | 433 | Metal Finishing |
| 3423 | Hand And Edge Tools, NEC | PSC | 433 | Metal Finishing |
| 3425 | Hand Saws And Saw Blades | PSC | 433 | Metal Finishing |
| 3429 | Hardware, NEC | PSC | 433 | Metal Finishing |
| 3431 | Metal Sanitary Ware | PSC | 433 | Metal Finishing |
| 3431 | Metal Sanitary Ware | PSC | 466 | Porcelain Enameling |
| 3432 | Plumb Fixture Fittings & Trim | PSC | 433 | Metal Finishing |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--------------------------------|-------------------------|---------------------------------|---|
| 3433 | Heating Equip, Except Electric | PSC | 433 | Metal Finishing |
| 3441 | Fabricated Structural Metal | PSC | 433 | Metal Finishing |
| 3442 | Metal Doors, Sash, And Trim | PSC | 433 | Metal Finishing |
| 3443 | Fab Plate Work (Boiler Shops) | PSC | 433 | Metal Finishing |
| 3444 | Sheet Metal Work | PSC | 433 | Metal Finishing |
| 3446 | Architectural Metal Work | PSC | 433 | Metal Finishing |
| 3448 | Prefabricated Metal Buildings | PSC | 433 | Metal Finishing |
| 3449 | Misc. Structural Metal Work | PSC | 433 | Metal Finishing |
| 3451 | Screw Machine Products | PSC | 433 | Metal Finishing |
| 3452 | Bolts, Nuts, Rivets & Washers | PSC | 433 | Metal Finishing |
| 3462 | Iron And Steel Forgings | PSC | 433 | Metal Finishing |
| 3463 | Nonferrous Forgings | PSC | 467 | Aluminum forming |
| 3463 | Nonferrous Forgings | PSC | 468 | Copper forming |
| 3463 | Nonferrous Forgings | PSC | 471 | Nonferrous metals forming and metal powders |
| 3465 | Automotive Stampings | PSC | 433 | Metal Finishing |
| 3466 | Crowns And Closures | PSC | 433 | Metal Finishing |
| 3469 | Metal Stampings, NEC | PSC | 433 | Metal Finishing |
| 3469 | Metal Stampings, NEC | PSC | 466 | Porcelain Enameling |
| 3471 | Plating And Polishing | PSC | 413 | Electroplating |
| 3479 | Metal Coating & Allied Servic | PSC | 433 | Metal Finishing |
| 3479 | Metal Coating & Allied Servic | PSC | 466 | Porcelain Enameling |
| 3482 | Small Arms Ammunition | PSC | 433 | Metal Finishing |
| 3482 | Small Arms Ammunition | PSC | 471 | Nonferrous metals forming and metal powders |
| 3483 | Ammunit., Exc. For Small Arms | PSC | 433 | Metal Finishing |
| 3483 | Ammunit., Exc. For Small Arms | PSC | 471 | Nonferrous metals forming and metal powders |
| 3484 | Small Arms | PSC | 433 | Metal Finishing |
| 3489 | Ordnance And Accessories, NEC | PSC | 433 | Metal Finishing |
| 3491 | Industrial Valves | PSC | 433 | Metal Finishing |
| 3492 | Fluid Power Valves & Hose Fitt | PSC | 433 | Metal Finishing |
| 3493 | Steel Springs, Except Wire | PSC | 433 | Metal Finishing |
| 3494 | Valves And Pipe Fittings, NEC | PSC | 433 | Metal Finishing |
| 3495 | Wire Springs | PSC | 433 | Metal Finishing |
| 3496 | Misc. Fabricated Wire Products | PSC | 433 | Metal Finishing |
| 3497 | Metal Foil And Leaf | PSC | 433 | Metal Finishing |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--------------------------------|-------------------------|---------------------------------|------------------------------|
| 3498 | Fabricated Pipe And Fittings | PSC | 433 | Metal Finishing |
| 3499 | Fabricated Metal Products NEC | PSC | 433 | Metal Finishing |
| 3511 | Turbines & Turbine Generator | PSC | 433 | Metal Finishing |
| 3519 | Internal Combustion Engines, | PSC | 433 | Metal Finishing |
| 3523 | Farm Machinery And Equipment | PSC | 433 | Metal Finishing |
| 3524 | Lawn And Garden Equipment | PSC | 433 | Metal Finishing |
| 3531 | Construction Machinery | PSC | 433 | Metal Finishing |
| 3532 | Mining Machinery | PSC | 433 | Metal Finishing |
| 3533 | Oil Field Machinery | PSC | 433 | Metal Finishing |
| 3534 | Elevators And Moving Stairways | PSC | 433 | Metal Finishing |
| 3535 | Conveyors & Conveying Equipmen | PSC | 433 | Metal Finishing |
| 3536 | Cranes/Hoists/Monorail Systems | PSC | 433 | Metal Finishing |
| 3537 | Industrial Trucks And Tractors | PSC | 433 | Metal Finishing |
| 3541 | Machine Tools, Metal Cutting | PSC | 433 | Metal Finishing |
| 3542 | Machine Tools, Metal Forming | PSC | 433 | Metal Finishing |
| 3543 | Industrial Patterns | PSC | 433 | Metal Finishing |
| 3544 | Special Dies/Tools/Jigs & Fixt | PSC | 433 | Metal Finishing |
| 3545 | Machine Tool Accessories | PSC | 433 | Metal Finishing |
| 3546 | Power Driven Hand Tools | PSC | 433 | Metal Finishing |
| 3547 | Rolling Mill Machinery | PSC | 433 | Metal Finishing |
| 3548 | Welding Apparatus | PSC | 433 | Metal Finishing |
| 3549 | Metalworking Machinery, NEC | PSC | 433 | Metal Finishing |
| 3552 | Textile Machinery | PSC | 433 | Metal Finishing |
| 3553 | Woodworking Machinery | PSC | 433 | Metal Finishing |
| 3554 | Paper Industries Machinery | PSC | 433 | Metal Finishing |
| 3555 | Printing Trades Machinery | PSC | 433 | Metal Finishing |
| 3556 | Food Products Machinery | PSC | 433 | Metal Finishing |
| 3559 | Special Industry Machinery,NEC | PSC | 433 | Metal Finishing |
| 3561 | Pumps And Pumping Equipment | PSC | 433 | Metal Finishing |
| 3562 | Ball And Roller Bearings | PSC | 433 | Metal Finishing |
| 3563 | Air And Gas Compressors | PSC | 433 | Metal Finishing |
| 3564 | Blower And Fans | PSC | 433 | Metal Finishing |
| 3565 | Packaging Machinery | PSC | 433 | Metal Finishing |
| 3566 | Speed Changers, Drives & Gears | PSC | 433 | Metal Finishing |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--------------------------------|-------------------------|---------------------------------|------------------------------|
| 3567 | Industrial Furnaces And Ovens | PSC | 433 | Metal Finishing |
| 3568 | Power Transmission Equipment | PSC | 433 | Metal Finishing |
| 3569 | General Industrial Machinery | PSC | 433 | Metal Finishing |
| 3571 | Electronic Computers | PSC | 433 | Metal Finishing |
| 3572 | Computer Storage Devices | PSC | 433 | Metal Finishing |
| 3575 | Computer Terminals | PSC | 433 | Metal Finishing |
| 3577 | Computer Peripheral Equip,NEC | PSC | 433 | Metal Finishing |
| 3578 | Calc & Accounting Equipment | PSC | 433 | Metal Finishing |
| 3579 | Office Machines | PSC | 433 | Metal Finishing |
| 3581 | Automatic Merchandising Machin | PSC | 433 | Metal Finishing |
| 3582 | Commercial Laundry Equipment | PSC | 433 | Metal Finishing |
| 3585 | Refrigeration & Heating Equip | PSC | 433 | Metal Finishing |
| 3586 | Measuring & Dispensing Pumps | PSC | 433 | Metal Finishing |
| 3589 | Service Industry Machinery | PSC | 433 | Metal Finishing |
| 3592 | Carburetors,Pistons,Rings,Valv | PSC | 433 | Metal Finishing |
| 3593 | Fluid Power Cylinders & Actuat | PSC | 433 | Metal Finishing |
| 3594 | Fluid Power Pumps And Motors | PSC | 433 | Metal Finishing |
| 3596 | Scales And Balances, Exc. Lab | PSC | 433 | Metal Finishing |
| 3599 | Industrial Machinery, NEC | PSC | 433 | Metal Finishing |
| 3612 | Transformers | PSC | 433 | Metal Finishing |
| 3613 | Switchgear & Switchboard Appar | PSC | 433 | Metal Finishing |
| 3621 | Motors And Generators | PSC | 433 | Metal Finishing |
| 3624 | Carbon And Graphite Products | PSC | 433 | Metal Finishing |
| 3625 | Relays And Industrial Controls | PSC | 433 | Metal Finishing |
| 3629 | Electrical Industrial Apparats | PSC | 433 | Metal Finishing |
| 3631 | Household Cooking Equipment | PSC | 433 | Metal Finishing |
| 3631 | Household Cooking Equipment | PSC | 466 | Porcelain Enameling |
| 3632 | Household Refrig. & Freezers | PSC | 433 | Metal Finishing |
| 3632 | Household Refrig. & Freezers | PSC | 466 | Porcelain Enameling |
| 3633 | Household Laundry Equipment | PSC | 433 | Metal Finishing |
| 3633 | Household Laundry Equipment | PSC | 466 | Porcelain Enameling |
| 3634 | Electric Housewares And Fans | PSC | 433 | Metal Finishing |
| 3635 | Household Vacuum Cleaners | PSC | 433 | Metal Finishing |
| 3639 | Household Appliances, NEC | PSC | 433 | Metal Finishing |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|---------------------------------|-------------------------|---------------------------------|--------------------------------------|
| 3639 | Household Appliances, NEC | PSC | 466 | Porcelain Enameling |
| 3641 | Electric Lamps | PSC | 433 | Metal Finishing |
| 3643 | Current-Carrying Wiring Device | PSC | 433 | Metal Finishing |
| 3644 | Noncurrent-Carrying Wiring Dev | PSC | 433 | Metal Finishing |
| 3645 | Residential Lighting Fixtures | PSC | 433 | Metal Finishing |
| 3646 | Commercial Lighting Fixtures | PSC | 433 | Metal Finishing |
| 3647 | Vehicular Lighting Equipment | PSC | 433 | Metal Finishing |
| 3648 | Lighting Equipment, NEC | PSC | 433 | Metal Finishing |
| 3651 | Radio And Tv Receiving Sets | PSC | 433 | Metal Finishing |
| 3652 | Phonograph Records | PSC | 433 | Metal Finishing |
| 3661 | Telephone/Telegraph Apparatus | PSC | 433 | Metal Finishing |
| 3663 | Radio & Tv Communication Equip | PSC | 433 | Metal Finishing |
| 3669 | Communications Equipment, NEC. | PSC | 433 | Metal Finishing |
| 3671 | Electron Tubes | PSC | 469 | Electrical and electronic components |
| 3672 | Printed Circuit Board | PSC | 433 | Metal Finishing |
| 3674 | Semiconductors & Related Devic | PSC | 469 | Electrical and electronic components |
| 3675 | Electronic Capacitors | PSC | 433 | Metal Finishing |
| 3676 | Resistors For Elec Application | PSC | 433 | Metal Finishing |
| 3677 | Elec Coils, Transf. & Inductor | PSC | 433 | Metal Finishing |
| 3678 | Connectors For Elec Applicatio | PSC | 433 | Metal Finishing |
| 3679 | Electronic Components, NEC | PSC | 433 | Metal Finishing |
| 3691 | Storage Batteries | PSC | 461 | Battery manufacturing |
| 3692 | Primary Batteries, Dry & Wet | PSC | 461 | Battery manufacturing |
| 3694 | Elec Equip For Int Combust Engi | PSC | 433 | Metal Finishing |
| 3695 | Mag & Optical Recording Media | PSC | 433 | Metal Finishing |
| 3699 | Elec Machinery, Equip & Supplie | PSC | 433 | Metal Finishing |
| 3711 | Motor Vehicles & Car Bodies | PSC | 433 | Metal Finishing |
| 3713 | Truck & Bus Bodies | PSC | 433 | Metal Finishing |
| 3714 | Motor Vehicle Parts & Accessor | PSC | 433 | Metal Finishing |
| 3715 | Truck Trailers | PSC | 433 | Metal Finishing |
| 3716 | Motor Homes | PSC | 433 | Metal Finishing |
| 3721 | Aircraft | PSC | 433 | Metal Finishing |
| 3724 | Aircraft Engines & Engine Part | PSC | 433 | Metal Finishing |
| 3728 | Aircraft Parts And Equip, NEC | PSC | 433 | Metal Finishing |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--------------------------------|-------------------------|---------------------------------|------------------------------|
| 3731 | Ship Building And Repairing | PSC | 433 | Metal Finishing |
| 3732 | Boat Building And Repairing | PSC | 433 | Metal Finishing |
| 3743 | Railroad Equipment | PSC | 433 | Metal Finishing |
| 3751 | Motorcycles, Bicycles And Part | PSC | 433 | Metal Finishing |
| 3761 | Guided Missiles & Space Vehicl | PSC | 433 | Metal Finishing |
| 3764 | Space Propulsion Units & Parts | PSC | 433 | Metal Finishing |
| 3769 | Space Vehicle Equipment, NEC | PSC | 433 | Metal Finishing |
| 3792 | Travel Trailers And Campers | PSC | 433 | Metal Finishing |
| 3795 | Tanks And Tank Components | PSC | 433 | Metal Finishing |
| 3799 | Transportation Equipment, NEC | PSC | 433 | Metal Finishing |
| 3812 | Search & Navigation Equipment | PSC | 433 | Metal Finishing |
| 3821 | Lab Apparatus & Furniture | PSC | 433 | Metal Finishing |
| 3822 | Environmental Controls | PSC | 433 | Metal Finishing |
| 3823 | Process Control Instruments | PSC | 433 | Metal Finishing |
| 3824 | Fluid Meters & Counting Device | PSC | 433 | Metal Finishing |
| 3825 | Instruments To Measure Electri | PSC | 433 | Metal Finishing |
| 3826 | Analytical Instruments | PSC | 433 | Metal Finishing |
| 3827 | Optical Instruments And Lenses | PSC | 433 | Metal Finishing |
| 3829 | Measuring & Controlling Device | PSC | 433 | Metal Finishing |
| 3841 | Surgical & Medical Instruments | PSC | 433 | Metal Finishing |
| 3842 | Surgical Appliances & Supplies | PSC | 433 | Metal Finishing |
| 3843 | Dental Equipment And Supplies | PSC | 433 | Metal Finishing |
| 3844 | X-Ray Apparatus And Tubes | PSC | 433 | Metal Finishing |
| 3845 | Electromedical Equipment | PSC | 433 | Metal Finishing |
| 3851 | Ophthalmic Goods | PSC | 433 | Metal Finishing |
| 3861 | Photographic Equip & Supplies | PSC | 433 | Metal Finishing |
| 3873 | Watches, Clocks & Watchcases | PSC | 433 | Metal Finishing |
| 3911 | Jewelry, Precious Metal | PSC | 433 | Metal Finishing |
| 3914 | Silverware And Plated Ware | PSC | 433 | Metal Finishing |
| 3915 | Jewelers' Materials & Lapidary | PSC | 433 | Metal Finishing |
| 3931 | Musical Instruments | PSC | 433 | Metal Finishing |
| 3942 | Dolls | SIC | 39 | Misc. Manuf. Industries |
| 3944 | Games, Toys & Children's Vehic | PSC | 433 | Metal Finishing |
| 3949 | Sporting & Athletic Goods, NEC | PSC | 433 | Metal Finishing |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--------------------------------|-------------------------|---------------------------------|---|
| 3951 | Pens & Mechanical Pencils | PSC | 433 | Metal Finishing |
| 3952 | Lead Pencils And Art Goods | SIC | 39 | Misc. Manuf. Industries |
| 3953 | Marking Devices | PSC | 433 | Metal Finishing |
| 3955 | Carbon Paper And Inked Ribbons | SIC | 39 | Misc. Manuf. Industries |
| 3961 | Costume Jewelry | PSC | 433 | Metal Finishing |
| 3965 | Fasteners, Buttons, Needles | PSC | 433 | Metal Finishing |
| 3991 | Brooms And Brushes | SIC | 39 | Misc. Manuf. Industries |
| 3993 | Signs And Advertising Displays | PSC | 433 | Metal Finishing |
| 3995 | Burial Caskets | PSC | 433 | Metal Finishing |
| 3996 | Hard Surface Floor Coverings | PSC | 443 | Paving and roofing materials (tars and asphalt) |
| 3999 | Manufacturing Industries, NEC | PSC | 433 | Metal Finishing |
| 4011 | Railroads, Line Haul Operating | PSC | 433 | Metal Finishing |
| 4013 | Railroad Swtching & Term Estab | PSC | 433 | Metal Finishing |
| 4111 | Local And Suburban Transit | SIC | 41 | Local & Interurban Passenger Transit |
| 4119 | Local Passenger Transportation | SIC | 41 | Local & Interurban Passenger Transit |
| 4121 | Taxicabs | SIC | 41 | Local & Interurban Passenger Transit |
| 4131 | Intercity & Rural Bus Transpor | SIC | 41 | Local & Interurban Passenger Transit |
| 4141 | Local Bus Charter Service | SIC | 41 | Local & Interurban Passenger Transit |
| 4142 | Bus Charter Service, Exc Local | SIC | 41 | Local & Interurban Passenger Transit |
| 4151 | School Buses | SIC | 41 | Local & Interurban Passenger Transit |
| 4173 | Bus Terminal & Service Facilit | SIC | 41 | Local & Interurban Passenger Transit |
| 4212 | Local Trucking Without Storage | SIC | 42 | Trucking & Warehousing |
| 4213 | Trucking, Except Local | SIC | 42 | Trucking & Warehousing |
| 4214 | Local Trucking With Storage | SIC | 42 | Trucking & Warehousing |
| 4215 | Courier Services, Except Air | SIC | 42 | Trucking & Warehousing |
| 4221 | Farm Prod Warehousing & Storg | SIC | 42 | Trucking & Warehousing |
| 4222 | Refrigertaed Warehousing & Sto | SIC | 42 | Trucking & Warehousing |
| 4225 | General Warehousing & Storage | SIC | 42 | Trucking & Warehousing |
| 4226 | Special Warehousing & Storage | SIC | 42 | Trucking & Warehousing |
| 4231 | Trucking Terminal Facilities | SIC | 42 | Trucking & Warehousing |
| 4311 | United States Postal Service | SIC | 43 | U.S. Postal Service |
| 4412 | Deep Sea Foreign Transp Of Fre | SIC | 44 | Water Transportation |
| 4424 | Deep Sea Domes Transp Of Freig | SIC | 44 | Water Transportation |
| 4432 | Freight Transp On The Gr Lakes | SIC | 44 | Water Transportation |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--------------------------------|-------------------------|---------------------------------|------------------------------------|
| 4449 | Water Transp Of Freight, NEC | SIC | 44 | Water Transportation |
| 4481 | Deep Sea Pas Transp, Exc Ferry | SIC | 44 | Water Transportation |
| 4482 | Ferries | SIC | 44 | Water Transportation |
| 4489 | Water Passenger Transportation | SIC | 44 | Water Transportation |
| 4491 | Marine Cargo Handling | PSC | 442 | Transportation Equipment Cleaning |
| 4492 | Towing And Tugboat Service | SIC | 44 | Water Transportation |
| 4493 | Marinas | SIC | 44 | Water Transportation |
| 4499 | Water Transportation Services | PSC | 442 | Transportation Equipment Cleaning |
| 4512 | Air Transportation, Scheduled | SIC | 45 | Transportation by Air |
| 4513 | Air Courier Services | SIC | 45 | Transportation by Air |
| 4522 | Air Transp, Nonscheduled | SIC | 45 | Transportation by Air |
| 4581 | Airports, Flying Fields & Ser | PNC | NA | Airport Deicing |
| 4612 | Crude Petroleum Pipelines | PSC | 419 | Petroleum refining |
| 4613 | Refined Petroleum Pipeline | SIC | 46 | Pipelines, Except Natural Gas |
| 4619 | Pipelines, NEC | SIC | 46 | Pipelines, Except Natural Gas |
| 4724 | Travel Agencies | SIC | 47 | Transportation Services |
| 4725 | Tour Operators | SIC | 47 | Transportation Services |
| 4729 | Passenger Transp Arrangement | SIC | 47 | Transportation Services |
| 4731 | Freight Transp Arrangement | SIC | 47 | Transportation Services |
| 4741 | Rental Of Railroad Cars | PSC | 442 | Transportation Equipment Cleaning |
| 4783 | Packing And Crating | SIC | 47 | Transportation Services |
| 4785 | Inspection & Fixed Facilitie | SIC | 47 | Transportation Services |
| 4789 | Transportation Services, NEC | SIC | 47 | Transportation Services |
| 4812 | Radiotelephone Communications | SIC | 48 | Communications |
| 4813 | Telephone Com, Except Radio | SIC | 48 | Communications |
| 4822 | Telegraph & Other Communicati | SIC | 48 | Communications |
| 4832 | Radio Broadcasting, NEC | SIC | 48 | Communications |
| 4833 | Television Broadcasting | SIC | 48 | Communications |
| 4841 | Cable & Other Pay Tv Services | SIC | 48 | Communications |
| 4899 | Communication Services, NEC | SIC | 48 | Communications |
| 4911 | Electrical Services | PSC | 423 | Steam electric power generation |
| 4922 | Natural Gas Transmission | SIC | 49 | Electric, Gas, & Sanitary Services |
| 4923 | Nat Gas Transmission & Distrib | SIC | 49 | Electric, Gas, & Sanitary Services |
| 4924 | Natural Gas Distribution | SIC | 49 | Electric, Gas, & Sanitary Services |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--------------------------------|-------------------------|---------------------------------|---|
| 4925 | Mixed,Manufac,Or Liq Gas Prod | PSC | 435 | Oil & Gas Extraction |
| 4931 | Elec & Other Services Combined | PSC | 423 | Steam electric power generation |
| 4932 | Gas & Other Services Combined | SIC | 49 | Electric, Gas, & Sanitary Services |
| 4939 | Combination Utilities, NEC | PSC | 423 | Steam electric power generation |
| 4941 | Water Supply | PNC | NA | Drinking Water Treatment |
| 4952 | Sewerage Systems | SIC | 4952 | Sewerage Systems |
| 4953 | Refuse Systems | PSC | 444 | Waste combustors (commercial incinerators combusting hazardous waste) |
| 4953 | Refuse Systems | PSC | 445 | Landfills |
| 4959 | Sanitary Services, NEC | SIC | 4959 | Sanitary Services |
| 4961 | Steam & Air-Conditioning Sup | PSC | 423 | Steam electric power generation |
| 4971 | Irrigation Systems | SIC | 49 | Electric, Gas, & Sanitary Services |
| 5012 | Automobiles And Other Vehicles | SIC | 50 | Wholesale Trade- Durable Goods |
| 5013 | Motor Vehicle Parts & New Sup | SIC | 50 | Wholesale Trade- Durable Goods |
| 5014 | Tires And Tubes | SIC | 50 | Wholesale Trade- Durable Goods |
| 5015 | Motor Vehicle Parts, Used | SIC | 50 | Wholesale Trade- Durable Goods |
| 5021 | Furniture | SIC | 50 | Wholesale Trade- Durable Goods |
| 5023 | Homefurnishings | SIC | 50 | Wholesale Trade- Durable Goods |
| 5031 | Lumber,Plywood,Millwork,& Panl | SIC | 50 | Wholesale Trade- Durable Goods |
| 5032 | Brick, Stone & Relat Materials | PSC | 436 | Mineral Mining and Processing |
| 5033 | Roofing, Siding And Insulation | SIC | 50 | Wholesale Trade- Durable Goods |
| 5039 | Construction Materials, NEC | SIC | 50 | Wholesale Trade- Durable Goods |
| 5043 | Photographic Equip & Supplies | SIC | 50 | Wholesale Trade- Durable Goods |
| 5044 | Office Equipment | SIC | 50 | Wholesale Trade- Durable Goods |
| 5045 | Computers, Peripherals, & Soft | SIC | 50 | Wholesale Trade- Durable Goods |
| 5046 | Commercial Equipment, NEC | SIC | 50 | Wholesale Trade- Durable Goods |
| 5047 | Medical And Office Equipment | SIC | 50 | Wholesale Trade- Durable Goods |
| 5048 | Ophthalmic Goods | SIC | 50 | Wholesale Trade- Durable Goods |
| 5049 | Professional Equipment, NEC | SIC | 50 | Wholesale Trade- Durable Goods |
| 5051 | Metal Service Centers & Office | SIC | 50 | Wholesale Trade- Durable Goods |
| 5052 | Coal & Other Minerals & Ores | SIC | 50 | Wholesale Trade- Durable Goods |
| 5063 | Electrical Apparatus And Equip | SIC | 50 | Wholesale Trade- Durable Goods |
| 5064 | Elec Appliances/Tv & Radio Set | SIC | 50 | Wholesale Trade- Durable Goods |
| 5065 | Electronic Parts And Equipment | SIC | 50 | Wholesale Trade- Durable Goods |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--------------------------------|-------------------------|---------------------------------|-----------------------------------|
| 5072 | Hardware | SIC | 50 | Wholesale Trade- Durable Goods |
| 5074 | Plumb & Heat Equip & Supplies | SIC | 50 | Wholesale Trade- Durable Goods |
| 5075 | Air Heat & Air-Cond. Equip/Sup | SIC | 50 | Wholesale Trade- Durable Goods |
| 5078 | Refrigeration Equip & Supplies | SIC | 50 | Wholesale Trade- Durable Goods |
| 5082 | Const & Mining Machine & Equip | SIC | 50 | Wholesale Trade- Durable Goods |
| 5083 | Farm & Garden Machine & Equip | SIC | 50 | Wholesale Trade- Durable Goods |
| 5084 | Industrial Machinery And Equip | SIC | 50 | Wholesale Trade- Durable Goods |
| 5085 | Industrial Supplies | SIC | 50 | Wholesale Trade- Durable Goods |
| 5087 | Service Establish Equip & Supp | SIC | 50 | Wholesale Trade- Durable Goods |
| 5088 | Trans Equip & Supp, Exc Motor | SIC | 50 | Wholesale Trade- Durable Goods |
| 5091 | Sporting & Recreational Goods | SIC | 50 | Wholesale Trade- Durable Goods |
| 5092 | Toys & Hobby Goods & Supplies | SIC | 50 | Wholesale Trade- Durable Goods |
| 5093 | Scrap & Waste Materials | SIC | 50 | Wholesale Trade- Durable Goods |
| 5094 | Jewelry, Watches, Precious Sto | SIC | 50 | Wholesale Trade- Durable Goods |
| 5099 | Durable Goods, NEC | SIC | 50 | Wholesale Trade- Durable Goods |
| 5111 | Printing And Writing Paper | SIC | 51 | Wholesale Trade- Nondurable Goods |
| 5112 | Stationery And Office Supplies | SIC | 51 | Wholesale Trade- Nondurable Goods |
| 5113 | Indust & Personal Paper Servic | SIC | 51 | Wholesale Trade- Nondurable Goods |
| 5122 | Drugs, Drug Prpprie & Sundries | SIC | 51 | Wholesale Trade- Nondurable Goods |
| 5131 | Piece Goods And Notions | SIC | 51 | Wholesale Trade- Nondurable Goods |
| 5136 | Male's Clothing & Furnishings | SIC | 51 | Wholesale Trade- Nondurable Goods |
| 5137 | Women's, Child & Inf Clothing | SIC | 51 | Wholesale Trade- Nondurable Goods |
| 5139 | Footwear | SIC | 51 | Wholesale Trade- Nondurable Goods |
| 5141 | Groceries, General Line | SIC | 51 | Wholesale Trade- Nondurable Goods |
| 5142 | Packaged Frozen Foods | SIC | 51 | Wholesale Trade- Nondurable Goods |
| 5143 | Dairy Prod, Exc Dried & Canned | SIC | 51 | Wholesale Trade- Nondurable Goods |
| 5144 | Poultry And Poultry Products | PNC | NA | Miscellaneous Foods and Beverages |
| 5145 | Confectionery | SIC | 51 | Wholesale Trade- Nondurable Goods |
| 5146 | Fish And Seafoods | SIC | 51 | Wholesale Trade- Nondurable Goods |
| 5147 | Meats And Meat Products | SIC | 51 | Wholesale Trade- Nondurable Goods |
| 5148 | Fresh Fruits And Vegetables | SIC | 51 | Wholesale Trade- Nondurable Goods |
| 5149 | Groceries & Related Products | SIC | 51 | Wholesale Trade- Nondurable Goods |
| 5153 | Grain And Field Beans | SIC | 51 | Wholesale Trade- Nondurable Goods |
| 5154 | Livestock | SIC | 51 | Wholesale Trade- Nondurable Goods |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--------------------------------|-------------------------|---------------------------------|--|
| 5159 | Farm-Product Raw Materials | PSC | 406 | Grain mills manufacturing |
| 5162 | Plastic Mater & Basic Shapes | SIC | 51 | Wholesale Trade- Nondurable Goods |
| 5169 | Chemicals And Allied Products | PSC | 414 | Organic chemicals, plastics and synthetic fibers |
| 5171 | Petroleum Bulk Stations & Term | PSC | 419 | Petroleum refining |
| 5172 | Petrol & Pet Prod Wholesalers | SIC | 51 | Wholesale Trade- Nondurable Goods |
| 5181 | Beer And Ale | SIC | 51 | Wholesale Trade- Nondurable Goods |
| 5182 | Wine & Dist Alcoholic Beverage | PNC | NA | Miscellaneous Foods and Beverages |
| 5191 | Farm Supplies | SIC | 51 | Wholesale Trade- Nondurable Goods |
| 5192 | Books, Periodicals & Newspaper | SIC | 51 | Wholesale Trade- Nondurable Goods |
| 5193 | Flowers And Florists' Supplies | SIC | 51 | Wholesale Trade- Nondurable Goods |
| 5194 | Tobacco And Tobacco Products | SIC | 51 | Wholesale Trade- Nondurable Goods |
| 5198 | Paints, Varnishes And Supplies | SIC | 51 | Wholesale Trade- Nondurable Goods |
| 5199 | Nondurable Goods, NEC | SIC | 51 | Wholesale Trade- Nondurable Goods |
| 5211 | Lumber & Build Material Dealer | SIC | 52 | Building Materials& Gardening Supplies |
| 5231 | Paint, Glass & Wallpaper Store | SIC | 52 | Building Materials& Gardening Supplies |
| 5251 | Hardware Stores | SIC | 52 | Building Materials& Gardening Supplies |
| 5261 | Ret Nurseries,Lawn/Gardn Store | SIC | 52 | Building Materials& Gardening Supplies |
| 5271 | Mobile Home Dealers | SIC | 52 | Building Materials& Gardening Supplies |
| 5311 | Department Stores | SIC | 53 | General Merchandise Stores |
| 5331 | Variety Stores | SIC | 53 | General Merchandise Stores |
| 5399 | Miscellaneous General Stores | SIC | 53 | General Merchandise Stores |
| 5411 | Grocery Stores | SIC | 54 | Food Stores |
| 5421 | Meat And Fish Markets | SIC | 54 | Food Stores |
| 5431 | Fruit And Vegetable Markets | SIC | 54 | Food Stores |
| 5441 | Candy, Nut & Confection Stores | SIC | 54 | Food Stores |
| 5451 | Dairy Products Stores | SIC | 54 | Food Stores |
| 5461 | Retail Bakeries | SIC | 54 | Food Stores |
| 5499 | Miscellaneous Food Stores | SIC | 54 | Food Stores |
| 5511 | Motor Veh. Dealers (New/Used) | SIC | 55 | Automotive Dealers & Service Stations |
| 5521 | Motor Veh. Dealers (Used Only) | SIC | 55 | Automotive Dealers & Service Stations |
| 5531 | Auto And Home Supply Stores | SIC | 55 | Automotive Dealers & Service Stations |
| 5541 | Gasoline Service Stations | SIC | 55 | Automotive Dealers & Service Stations |
| 5551 | Boat Dealers | SIC | 55 | Automotive Dealers & Service Stations |
| 5561 | Recreational Vehicle Dealers | SIC | 55 | Automotive Dealers & Service Stations |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--------------------------------|-------------------------|---------------------------------|---------------------------------------|
| 5571 | Motorcycle Dealers | SIC | 55 | Automotive Dealers & Service Stations |
| 5599 | Automotive Dealers, NEC | SIC | 55 | Automotive Dealers & Service Stations |
| 5611 | Male's Clothing & Access Store | SIC | 56 | Apparel & Accessory Stores |
| 5621 | Women's Clothing Stores | SIC | 56 | Apparel & Accessory Stores |
| 5632 | Women's Access & Spec Stores | SIC | 56 | Apparel & Accessory Stores |
| 5641 | Children's & Inf Wear Stores | SIC | 56 | Apparel & Accessory Stores |
| 5651 | Family Clothing Stores | SIC | 56 | Apparel & Accessory Stores |
| 5661 | Shoe Stores | SIC | 56 | Apparel & Accessory Stores |
| 5699 | Misc Apparel & Access Stores | SIC | 56 | Apparel & Accessory Stores |
| 5712 | Furniture Stores | SIC | 57 | Furniture & Homefurnishings Stores |
| 5713 | Floor Covering Stores | SIC | 57 | Furniture & Homefurnishings Stores |
| 5714 | Drape, Curtain & Uphol Stores | SIC | 57 | Furniture & Homefurnishings Stores |
| 5719 | Misc Homefurnishings Stores | SIC | 57 | Furniture & Homefurnishings Stores |
| 5722 | Household Appliance Stores | SIC | 57 | Furniture & Homefurnishings Stores |
| 5731 | Radio, Tv & Electronics Stores | SIC | 57 | Furniture & Homefurnishings Stores |
| 5734 | Computer And Software Stores | SIC | 57 | Furniture & Homefurnishings Stores |
| 5735 | Record & Prerecorded Tape Stor | SIC | 57 | Furniture & Homefurnishings Stores |
| 5736 | Musical Instrument Stores | SIC | 57 | Furniture & Homefurnishings Stores |
| 5812 | Eating Places | PNC | NA | Food Service Establishments |
| 5813 | Drinking Places (Alcoholic Bev | SIC | 58 | Eating & Drinking Places |
| 5912 | Drug Stores & Proprietary Stor | SIC | 59 | Miscellaneous Retail |
| 5921 | Liquor Stores | SIC | 59 | Miscellaneous Retail |
| 5932 | Used Merchandise Stores | SIC | 59 | Miscellaneous Retail |
| 5941 | Sporting Goods/Bicycle Stores | SIC | 59 | Miscellaneous Retail |
| 5942 | Book Stores | SIC | 59 | Miscellaneous Retail |
| 5943 | Stationery Stores | SIC | 59 | Miscellaneous Retail |
| 5944 | Jewelery Stores | SIC | 59 | Miscellaneous Retail |
| 5945 | Hobby, Toy And Game Shops | SIC | 59 | Miscellaneous Retail |
| 5946 | Camera & Photo Supply Stores | SIC | 59 | Miscellaneous Retail |
| 5947 | Gift, Novelty & Souvenir Shops | SIC | 59 | Miscellaneous Retail |
| 5948 | Luggage & Leather Goods Stores | SIC | 59 | Miscellaneous Retail |
| 5949 | Sew/Needlewk/Piece Goods Store | SIC | 59 | Miscellaneous Retail |
| 5961 | Catalog And Mail-Order Houses | SIC | 59 | Miscellaneous Retail |
| 5962 | Auto Merchandis Machine Operat | SIC | 59 | Miscellaneous Retail |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--------------------------------|-------------------------|---------------------------------|------------------------------|
| 5963 | Direct Selling Establishments | SIC | 59 | Miscellaneous Retail |
| 5983 | Fuel Oil Dealers | SIC | 59 | Miscellaneous Retail |
| 5984 | Liq Petrol Gas (Bot Gas) Dealr | SIC | 59 | Miscellaneous Retail |
| 5989 | Fuel Dealers, NEC | SIC | 59 | Miscellaneous Retail |
| 5992 | Florists | SIC | 59 | Miscellaneous Retail |
| 5993 | Tobacco Stores And Stands | SIC | 59 | Miscellaneous Retail |
| 5994 | News Dealers And Newsstands | SIC | 59 | Miscellaneous Retail |
| 5995 | Optical Goods Stores | SIC | 59 | Miscellaneous Retail |
| 5999 | Miscellaneous Retail Stores | SIC | 59 | Miscellaneous Retail |
| 6011 | Federal Reserve Banks | SIC | 60 | Depository Institutions |
| 6019 | Central Reserve Repository | SIC | 60 | Depository Institutions |
| 6021 | National Commercial Banks | SIC | 60 | Depository Institutions |
| 6022 | State Commercial Banks | SIC | 60 | Depository Institutions |
| 6029 | Commercial Banks, NEC | SIC | 60 | Depository Institutions |
| 6035 | Federal Savings Institutions | SIC | 60 | Depository Institutions |
| 6036 | Savings Institutions, Exc Fed | SIC | 60 | Depository Institutions |
| 6061 | Federal Credit Unions | SIC | 60 | Depository Institutions |
| 6062 | State Credit Unions | SIC | 60 | Depository Institutions |
| 6081 | Foreign Bank & Branches & Agen | SIC | 60 | Depository Institutions |
| 6082 | Foreign Trade & Internat Banks | SIC | 60 | Depository Institutions |
| 6091 | Nondeposit Trust Facilities | SIC | 60 | Depository Institutions |
| 6099 | Funct Related To Dep Banking | SIC | 60 | Depository Institutions |
| 6111 | Federal & Fed-Sponsored Credit | SIC | 61 | Nondepository Institutions |
| 6141 | Personal Credit Institutions | SIC | 61 | Nondepository Institutions |
| 6153 | Short-Term Bus. Credit Institu | SIC | 61 | Nondepository Institutions |
| 6159 | Misc Business Credit Instituti | SIC | 61 | Nondepository Institutions |
| 6162 | Mortg Bankers & Loan Correspon | SIC | 61 | Nondepository Institutions |
| 6163 | Loan Brokers | SIC | 61 | Nondepository Institutions |
| 6211 | Sec Brokers/Dealers/Flotat. Co | SIC | 62 | Security & Commodity Brokers |
| 6221 | Commodity Contr Brokers & Deal | SIC | 62 | Security & Commodity Brokers |
| 6231 | Security & Commodity Exchanges | SIC | 62 | Security & Commodity Brokers |
| 6282 | Investment Advice | SIC | 62 | Security & Commodity Brokers |
| 6289 | Security & Commodity Services | SIC | 62 | Security & Commodity Brokers |
| 6311 | Life Insurance | SIC | 63 | Insurance Carriers |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--------------------------------|-------------------------|---------------------------------|--------------------------------------|
| 6321 | Accident And Health Insurance | SIC | 63 | Insurance Carriers |
| 6324 | Hospital & Medical Serv Plans | SIC | 63 | Insurance Carriers |
| 6331 | Fire, Marine & Casualty Insur | SIC | 63 | Insurance Carriers |
| 6351 | Surety Insurance | SIC | 63 | Insurance Carriers |
| 6361 | Title Insurance | SIC | 63 | Insurance Carriers |
| 6371 | Pension, Health & Welfare Fund | SIC | 63 | Insurance Carriers |
| 6399 | Insurance Carriers, NEC | SIC | 63 | Insurance Carriers |
| 6411 | Insur Agents, Brokers, & Servi | SIC | 64 | Insurance Agents, Brokers, & Service |
| 6512 | Oper Of Nonresidential Bldgs | SIC | 65 | Real Estate |
| 6513 | Operators Of Apart Buildings | SIC | 65 | Real Estate |
| 6514 | Oper Of Dwell Other Than Apart | SIC | 65 | Real Estate |
| 6515 | Oper Of Res Mobile Home Sites | SIC | 65 | Real Estate |
| 6517 | Lessors Of Railroad Properties | SIC | 65 | Real Estate |
| 6519 | Lessors Of Real Property, NEC | SIC | 65 | Real Estate |
| 6531 | Real Estate Agents & Managers | SIC | 65 | Real Estate |
| 6541 | Title Abstract Offices | SIC | 65 | Real Estate |
| 6552 | Land Subdividers & Dev, Ex Cem | SIC | 65 | Real Estate |
| 6553 | Cemetery Subdividers & Develop | SIC | 65 | Real Estate |
| 6712 | Bank Holding Companies | SIC | 67 | Holding & Other Investment Offices |
| 6719 | Holding Companies, NEC | SIC | 67 | Holding & Other Investment Offices |
| 6722 | Mgmt Invest. Offices, Open End | SIC | 67 | Holding & Other Investment Offices |
| 6726 | Investment Offices, NEC | SIC | 67 | Holding & Other Investment Offices |
| 6732 | Educat.,Relig & Charity Trusts | SIC | 67 | Holding & Other Investment Offices |
| 6733 | Trusts,Exc Educat,Relig & Char | SIC | 67 | Holding & Other Investment Offices |
| 6792 | Oil Royalty Traders | SIC | 67 | Holding & Other Investment Offices |
| 6794 | Patent Owners And Lessors | SIC | 67 | Holding & Other Investment Offices |
| 6798 | Real Estate Investment Trusts | SIC | 67 | Holding & Other Investment Offices |
| 6799 | Investors, NEC | SIC | 67 | Holding & Other Investment Offices |
| 7011 | Hotels And Motels | SIC | 70 | Hotels & Other Lodging Places |
| 7021 | Rooming And Boarding Houses | SIC | 70 | Hotels & Other Lodging Places |
| 7032 | Sporting & Recreational Camps | SIC | 70 | Hotels & Other Lodging Places |
| 7033 | Rec Vehicle Parks & Campsites | SIC | 70 | Hotels & Other Lodging Places |
| 7041 | Org. Hotel & Lodg Hse, On Memb | SIC | 70 | Hotels & Other Lodging Places |
| 7211 | Power Laundries, Res & Commerc | SIC | 72 | Personal Services- SIC 72 |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--------------------------------|-------------------------|---------------------------------|------------------------------|
| 7212 | Garm Pressing/Laundries/Drycle | SIC | 72 | Personal Services- SIC 72 |
| 7213 | Linen Supply | SIC | 72 | Personal Services- SIC 72 |
| 7215 | Coin-Operated Laundries/Drycle | SIC | 72 | Personal Services- SIC 72 |
| 7216 | Dryclean Plants, Exc Rug Clean | SIC | 72 | Personal Services- SIC 72 |
| 7217 | Carpet & Upholstery Cleaning | SIC | 72 | Personal Services- SIC 72 |
| 7218 | Industrial Launderers | PNC | NA | Industrial Laundries |
| 7219 | Laundry & Garment Services,NEC | SIC | 72 | Personal Services- SIC 72 |
| 7221 | Photographic Studios, Potrait | PNC | NA | Photo Processing |
| 7221 | Photographic Studios, Potrait | PSC | 459 | Photographic |
| 7231 | Beauty Shops | SIC | 72 | Personal Services- SIC 72 |
| 7241 | Barber Shops | SIC | 72 | Personal Services- SIC 72 |
| 7251 | Shoe Rep Shops & Shoeshine Par | SIC | 72 | Personal Services- SIC 72 |
| 7261 | Funeral Services & Crematories | SIC | 72 | Personal Services- SIC 72 |
| 7291 | Tax And Preparation Services | SIC | 72 | Personal Services- SIC 72 |
| 7299 | Miscellaneous Personal Service | SIC | 72 | Personal Services- SIC 72 |
| 7311 | Advertising Agencies | SIC | 73 | Business Services |
| 7312 | Outdoor Advertising Agencies | SIC | 73 | Business Services |
| 7313 | Radio, Tv & Publishers Ad Reps | SIC | 73 | Business Services |
| 7319 | Advertising, NEC | SIC | 73 | Business Services |
| 7322 | Adjustment & Collect Services | SIC | 73 | Business Services |
| 7323 | Credit Reporting Services | SIC | 73 | Business Services |
| 7331 | Direct Mail Advertis Services | SIC | 73 | Business Services |
| 7334 | Photocopying/Duplicating Serv | SIC | 73 | Business Services |
| 7335 | Commercial Photography | PNC | NA | Photo Processing |
| 7335 | Commercial Photography | PSC | 459 | Photographic |
| 7336 | Comm Art & Graphic Design | PNC | NA | Photo Processing |
| 7336 | Comm Art & Graphic Design | PSC | 459 | Photographic |
| 7338 | Secretarial & Court Reporting | SIC | 73 | Business Services |
| 7342 | Disinfecting & Exterminat Serv | SIC | 73 | Business Services |
| 7349 | Building Maintenance Service | SIC | 73 | Business Services |
| 7352 | Medical Equipment Rental | SIC | 73 | Business Services |
| 7353 | Heavy Constructon Equip Rental | SIC | 73 | Business Services |
| 7359 | Equipment Rental And Leasing, | SIC | 73 | Business Services |
| 7361 | Employment Agencies | SIC | 73 | Business Services |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--------------------------------|-------------------------|---------------------------------|----------------------------------|
| 7363 | Help Supply Services | SIC | 73 | Business Services |
| 7371 | Custom Computer Prog Services | SIC | 73 | Business Services |
| 7372 | Prepackaged Software | SIC | 73 | Business Services |
| 7373 | Computer Integrated Sys Design | SIC | 73 | Business Services |
| 7374 | Data Processing & Preparation | SIC | 73 | Business Services |
| 7375 | Information Retrieval Services | SIC | 73 | Business Services |
| 7376 | Computer Facilities Management | SIC | 73 | Business Services |
| 7377 | Computer Rental And Leasing | SIC | 73 | Business Services |
| 7378 | Computer Maintenance & Repair | SIC | 73 | Business Services |
| 7379 | Computer Related Services, NEC | SIC | 73 | Business Services |
| 7381 | Detective & Armored Car Serv | SIC | 73 | Business Services |
| 7382 | Security Systems Services | SIC | 73 | Business Services |
| 7383 | News Syndicates | SIC | 73 | Business Services |
| 7384 | Photofinishing Laboratories | PNC | NA | Photo Processing |
| 7384 | Photofinishing Laboratories | PSC | 459 | Photographic |
| 7389 | Business Services, NEC | SIC | 73 | Business Services |
| 7513 | Truck Rent & Lease, No Drivers | SIC | 75 | Auto Repair, Services, & Parking |
| 7514 | Passenger Car Rental | SIC | 75 | Auto Repair, Services, & Parking |
| 7515 | Passenger Car Leasing | SIC | 75 | Auto Repair, Services, & Parking |
| 7519 | Utility Trailer & Rv Rental | SIC | 75 | Auto Repair, Services, & Parking |
| 7521 | Automobile Parking | SIC | 75 | Auto Repair, Services, & Parking |
| 7532 | Top & Body Repair & Paint Shop | SIC | 75 | Auto Repair, Services, & Parking |
| 7533 | Auto Exhaust System Rep Shops | SIC | 75 | Auto Repair, Services, & Parking |
| 7534 | Tire Retreading & Repair Shops | SIC | 75 | Auto Repair, Services, & Parking |
| 7536 | Auto Glass Replacement Shops | SIC | 75 | Auto Repair, Services, & Parking |
| 7537 | Auto Transmission Repair Shops | SIC | 75 | Auto Repair, Services, & Parking |
| 7538 | General Auto Repair Shops | SIC | 75 | Auto Repair, Services, & Parking |
| 7539 | Automotive Repair Shops, NEC | SIC | 75 | Auto Repair, Services, & Parking |
| 7542 | Car Washes | SIC | 75 | Auto Repair, Services, & Parking |
| 7549 | Auto Serv, Exc Rep & Carwashes | SIC | 75 | Auto Repair, Services, & Parking |
| 7622 | Radio & Television Repair Shop | SIC | 76 | Miscellaneous Repair Services |
| 7623 | Refrig & Ac Serv & Rep Shops | SIC | 76 | Miscellaneous Repair Services |
| 7629 | Elec & Electronic Repair Shops | SIC | 76 | Miscellaneous Repair Services |
| 7631 | Watch, Clock & Jewelry Repair | SIC | 76 | Miscellaneous Repair Services |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|---------------------------------|-------------------------|---------------------------------|-----------------------------------|
| 7641 | Reupholstery & Furniture Rep | SIC | 76 | Miscellaneous Repair Services |
| 7692 | Welding Repair | PSC | 433 | Metal Finishing |
| 7694 | Armature Rewinding Shops | SIC | 76 | Miscellaneous Repair Services |
| 7699 | Repair Shops & Related Service | PSC | 442 | Transportation Equipment Cleaning |
| 7812 | Motion Picture & Video Prod | SIC | 78 | Motion Pictures |
| 7819 | Serv. Allied To Motion Picture | SIC | 78 | Motion Pictures |
| 7822 | Motion Picture & Tape Distrib | SIC | 78 | Motion Pictures |
| 7829 | Serv Allied To Motion Pic Dist | SIC | 78 | Motion Pictures |
| 7832 | Motion Pic Thea., Ex Drive-In | SIC | 78 | Motion Pictures |
| 7833 | Drive-In Motion Pic Theatres | SIC | 78 | Motion Pictures |
| 7841 | Video Tape Rental | SIC | 78 | Motion Pictures |
| 7911 | Dance Studios, Schools & Halls | SIC | 79 | Amusement & Recreation Services |
| 7922 | Thea. Prod (Exc Motion Picture | SIC | 79 | Amusement & Recreation Services |
| 7929 | Bands, Orch, Actors & Entertai | SIC | 79 | Amusement & Recreation Services |
| 7933 | Bowling Centers | SIC | 79 | Amusement & Recreation Services |
| 7941 | Prof Sports Clubs & Promoters | SIC | 79 | Amusement & Recreation Services |
| 7948 | Racing, Including Track Opera | SIC | 79 | Amusement & Recreation Services |
| 7991 | Physical Fitness Facilities | SIC | 79 | Amusement & Recreation Services |
| 7992 | Public Golf Courses | SIC | 79 | Amusement & Recreation Services |
| 7993 | Coin Operated Amusement Devi | SIC | 79 | Amusement & Recreation Services |
| 7996 | Amusement Parks | SIC | 79 | Amusement & Recreation Services |
| 7997 | Membership Sports & Rec Clubs | SIC | 79 | Amusement & Recreation Services |
| 7999 | Amusement And Recreation, NEC | SIC | 79 | Amusement & Recreation Services |
| 8011 | Offices & Clinics Of Med Doct | PSC | 460 | Health Services Industries |
| 8021 | Outpatient Care Facilities | PSC | 460 | Health Services Industries |
| 8031 | Offices/Clinics Of Doc Of Osteo | PSC | 460 | Health Services Industries |
| 8041 | Offices & Clinics Of Chiroprac | PSC | 460 | Health Services Industries |
| 8042 | Offices & Clinics Of Optometri | PSC | 460 | Health Services Industries |
| 8043 | Offices & Clinics Of Podiatris | PSC | 460 | Health Services Industries |
| 8049 | Offices Of Health Practitioner | PSC | 460 | Health Services Industries |
| 8051 | Skilled Nursing Care Facilitie | PSC | 460 | Health Services Industries |
| 8052 | Intermediate Care Facilities | PSC | 460 | Health Services Industries |
| 8059 | Nursing And Personal Care, NEC | PSC | 460 | Health Services Industries |
| 8062 | Gen. Medical/Surgical Hospital | PSC | 460 | Health Services Industries |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--------------------------------|-------------------------|---------------------------------|--|
| 8063 | Psychiatric Hospitals | PSC | 460 | Health Services Industries |
| 8069 | Specialty Hospitals | PSC | 460 | Health Services Industries |
| 8071 | Medical Laboratories | PSC | 460 | Health Services Industries |
| 8072 | Dental Laboratories | PSC | 460 | Health Services Industries |
| 8082 | Home Health Care Services | PSC | 460 | Health Services Industries |
| 8092 | Kidney Dialysis Centers | PSC | 460 | Health Services Industries |
| 8093 | Speciality Outpatient Clinics | PSC | 460 | Health Services Industries |
| 8099 | Health & Allied Services, NEC | PSC | 460 | Health Services Industries |
| 8111 | Legal Services | SIC | 81 | Legal Services |
| 8211 | Elementary & Secondary Schools | SIC | 82 | Educational Services |
| 8221 | Colleges, Univ & Prof Schools | SIC | 82 | Educational Services |
| 8222 | Junior Colleges & Tech Institu | SIC | 82 | Educational Services |
| 8231 | Libraries | SIC | 82 | Educational Services |
| 8243 | Data Processing Schools | SIC | 82 | Educational Services |
| 8244 | Business & Secretarial Schools | SIC | 82 | Educational Services |
| 8249 | Vocational Schools, NEC | SIC | 82 | Educational Services |
| 8299 | Schools & Educational Services | SIC | 82 | Educational Services |
| 8322 | Individual And Family Services | SIC | 83 | Social Services |
| 8331 | Job Training & Voc Rehab Servi | SIC | 83 | Social Services |
| 8351 | Child Day Care Services | SIC | 83 | Social Services |
| 8361 | Residential Care | SIC | 83 | Social Services |
| 8399 | Social Services, NEC | SIC | 83 | Social Services |
| 8412 | Museums And Art Galleries | SIC | 84 | Museums, Botanical, Zoological Gardens |
| 8422 | Botanical & Zoological Gardens | SIC | 84 | Museums, Botanical, Zoological Gardens |
| 8611 | Business Associations | SIC | 86 | Membership Organizations |
| 8621 | Professional Membership Organ | SIC | 86 | Membership Organizations |
| 8631 | Labor Unions & Labor Organiza | SIC | 86 | Membership Organizations |
| 8641 | Civic, Social & Fraternal Ass. | SIC | 86 | Membership Organizations |
| 8651 | Political Organizations | SIC | 86 | Membership Organizations |
| 8661 | Religious Organizations | SIC | 86 | Membership Organizations |
| 8699 | Membership Organizations, NEC | SIC | 86 | Membership Organizations |
| 8711 | Engineering Services | SIC | 87 | Engineering & Management Services |
| 8712 | Architectural Services | SIC | 87 | Engineering & Management Services |
| 8713 | Surveying Services | SIC | 87 | Engineering & Management Services |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--------------------------------|-------------------------|---------------------------------|--------------------------------------|
| 8721 | Acc., Auditing & Bookkeeping | SIC | 87 | Engineering & Management Services |
| 8731 | Commercial Physical Research | PNC | NA | Independent and Stand Alone Labs |
| 8732 | Commercial Nonphysical Resear | SIC | 87 | Engineering & Management Services |
| 8733 | Noncommercial Research Organi | SIC | 87 | Engineering & Management Services |
| 8734 | Commercial Testing Laboratory | PNC | NA | Independent and Stand Alone Labs |
| 8741 | Management Services | SIC | 87 | Engineering & Management Services |
| 8742 | Management Consulting Service | SIC | 87 | Engineering & Management Services |
| 8743 | Public Relations Services | SIC | 87 | Engineering & Management Services |
| 8744 | Facilities Support Services | SIC | 87 | Engineering & Management Services |
| 8748 | Business Consulting, NEC | SIC | 87 | Engineering & Management Services |
| 8811 | Private Households | SIC | 88 | Private Households |
| 8999 | Services, NEC | SIC | 89 | Services, Not Elsewhere Classified |
| 9111 | Executive Offices | SIC | 91 | Executive, Legislative, & General |
| 9121 | Legislative Bodies | SIC | 91 | Executive, Legislative, & General |
| 9131 | Exec & Legis Offices Combined | SIC | 91 | Executive, Legislative, & General |
| 9199 | General Government, NEC | SIC | 91 | Executive, Legislative, & General |
| 9211 | Courts | SIC | 92 | Justice, Public Order, & Safety |
| 9221 | Police Protection | SIC | 92 | Justice, Public Order, & Safety |
| 9222 | Legal Counsel & Prosecution | SIC | 92 | Justice, Public Order, & Safety |
| 9223 | Correctional Institutions | SIC | 92 | Justice, Public Order, & Safety |
| 9224 | Fire Protection | SIC | 92 | Justice, Public Order, & Safety |
| 9229 | Public Order And Safety, NEC | SIC | 92 | Justice, Public Order, & Safety |
| 9311 | Public Finance | SIC | 93 | Finance, Taxation, & Monetary Policy |
| 9411 | Administration Of Educat Prog | SIC | 94 | Administration of Human Resources |
| 9431 | Admin Of Pub Health Programs | SIC | 94 | Administration of Human Resources |
| 9441 | Adm Of Social/Human Resource | SIC | 94 | Administration of Human Resources |
| 9451 | Adm Of Vet Affairs, Ex Hea/Ins | SIC | 94 | Administration of Human Resources |
| 9511 | Air & Water Res & Sol Wste Mgt | SIC | 95 | Environmental Quality & Housing |
| 9512 | Land, Min, Wildlife/Forest Con | SIC | 95 | Environmental Quality & Housing |
| 9531 | Admin Of Housing Programs | SIC | 95 | Environmental Quality & Housing |
| 9532 | Adm Of Urb Plan/Comm/Rurl Dev | SIC | 95 | Environmental Quality & Housing |
| 9611 | Admin Of General Economic Pro | SIC | 96 | Administration of Economic Programs |
| 9621 | Reg & Admin Of Trans Programs | SIC | 96 | Administration of Economic Programs |
| 9631 | Reg & Adm Of Comms, Elec, Gas | SIC | 96 | Administration of Economic Programs |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--------------------------------|-------------------------|---------------------------------|---|
| 9641 | Reg Of Agri Marketing & Commod | SIC | 96 | Administration of Economic Programs |
| 9651 | Reg, Lic & Insp Of Comm Sector | SIC | 96 | Administration of Economic Programs |
| 9661 | Space Research And Technology | SIC | 96 | Administration of Economic Programs |
| 9711 | National Security | SIC | 97 | National Security & International Affairs |
| 9721 | International Security | SIC | 97 | National Security & International Affairs |
| 9999 | Nonclassifiable Establishments | SIC | 99 | Non classifiable Establishments |
| 2048g | Prep Feeds & Ingrid For Anima | PSC | 406 | Grain mills manufacturing |
| 2048m | Prep Feeds & Ingrid For Anima | PSC | 432 | Meat and Poultry Products |
| 2048P | Prep Feeds & Ingrid For Anima | PSC | 455 | Pesticide chemicals manufacturing |
| 2048ph | Prep Feeds & Ingrid For Anima | PSC | 439 | Pharmaceutical manufacturing |
| 2611-1 | Pulp Mills- Phase I | PSC | 430 | Pulp, paper and paperboard |
| 2611-2 | Pulp Mills- Phase Ii | PSC | 430 | Pulp, paper and paperboard |
| 2611-3 | Pulp Mills- Phase Iii | PSC | 430 | Pulp, paper and paperboard |
| 2621-1 | Paper Mills- Phase I | PSC | 430 | Pulp, paper and paperboard |
| 2621-2 | Paper Mills- Phase Ii | PSC | 430 | Pulp, paper and paperboard |
| 2621-3 | Paper Mills- Phase Iii | PSC | 430 | Pulp, paper and paperboard |
| 2631-1 | Paperboard Mills- Phase I | PSC | 430 | Pulp, paper and paperboard |
| 2631-2 | Paperboard Mills- Phase Ii | PSC | 430 | Pulp, paper and paperboard |
| 2631-3 | Paperboard Mills- Phase Iii | PSC | 430 | Pulp, paper and paperboard |
| 2819N | Industrial Inorganic Chemicals | PSC | 421 | Nonferrous metals manufacturing |
| 2819Ph | Industrial Inorganic Chemicals | PSC | 422 | Phosphate manufacturing |
| 2821P | Plstc Mat./Syn Resins/Nv Elast | PSC | 455 | Pesticide chemicals manufacturing |
| 2823P | Cellulosic Man-Made Fibers | PSC | 455 | Pesticide chemicals manufacturing |
| 2824P | Syn Org Fibers,Except Cellulos | PSC | 455 | Pesticide chemicals manufacturing |
| 2834P | Pharmaceutical Preparations | PSC | 455 | Pesticide chemicals manufacturing |
| 2842P | Specialty Cleaning, Polishing | PSC | 455 | Pesticide chemicals manufacturing |
| 2844P | Perfumes,Cosmetics,Toilet Prep | PSC | 455 | Pesticide chemicals manufacturing |
| 2865P | Cyclic Crudes Interm., Dyes | PSC | 455 | Pesticide chemicals manufacturing |
| 2869P | Indust. Organic Chemicals NEC | PSC | 455 | Pesticide chemicals manufacturing |
| 2874F | Phosphatic Fertilizers | PSC | 418 | Fertilizer manufacturing |
| 2891P | Adhesives And Sealants | PSC | 455 | Pesticide chemicals manufacturing |
| 2899P | Chemicals & Chem Prep, NEC | PSC | 455 | Pesticide chemicals manufacturing |
| 5169P | Chemicals And Allied Products | PSC | 455 | Pesticide chemicals manufacturing |
| CWT | Centralized Waste Treaters | PSC | 437 | Centralized Waste Treaters |

Table A-1. SIC/Point Source Category Crosswalk

| SIC Code | Sic Description | Type of Grouping | 40 CFR Part or SIC Group | Point Source Category |
|-----------------|--|-------------------------|---------------------------------|---|
| MPM | Metal Products And Machinery | PSC | 438 | Metal Products and Machinery |
| VCCA | Chlorine And Chlorinated Hydrocarbons | REV | 414.1 | Chlorine and Chlorinated Hydrocarbons (CCH) |
| VCCAP | Chlorine And Chlorinated Hydrocarbons Pesticides | PSC | 455 | Pesticide chemicals manufacturing |

PSC – Point Source Category.

PNC – Potential new category.

REV – Potential effluent limitations guidelines revision.

NEC – Not elsewhere classified.

Table A-2. SIC Codes Not Assigned to a Point Source Category

| 4-Digit SIC Code | Sic Description | Major SIC Group | SIC Group Description |
|-------------------------|--------------------------------|------------------------|-------------------------------------|
| 0101 | Cocoa | 1 | Agricultural Production - Crops |
| 0111 | Wheat | 1 | Agricultural Production - Crops |
| 0112 | Rice | 1 | Agricultural Production - Crops |
| 0115 | Corn | 1 | Agricultural Production - Crops |
| 0116 | Soybeans | 1 | Agricultural Production - Crops |
| 0119 | Cash Grains, NEC | 1 | Agricultural Production - Crops |
| 0131 | Cotton | 1 | Agricultural Production - Crops |
| 0132 | Tobacco | 1 | Agricultural Production - Crops |
| 0133 | Sugarcane And Sugar Beets | 1 | Agricultural Production - Crops |
| 0134 | Irish Potatoes | 1 | Agricultural Production - Crops |
| 0139 | Crops, Except Cash Grains, NEC | 1 | Agricultural Production - Crops |
| 0161 | Vegetables And Melons | 1 | Agricultural Production - Crops |
| 0171 | Berry Crops | 1 | Agricultural Production - Crops |
| 0172 | Grapes | 1 | Agricultural Production - Crops |
| 0173 | Tree Nuts | 1 | Agricultural Production - Crops |
| 0174 | Citrus Fruits | 1 | Agricultural Production - Crops |
| 0175 | Deciduous Tree Fruits | 1 | Agricultural Production - Crops |
| 0179 | Fruits And Tree Nuts, NEC | 1 | Agricultural Production - Crops |
| 0181 | Ornamental Nursery Products | 1 | Agricultural Production - Crops |
| 0182 | Food Crops Grown Under Cover | 1 | Agricultural Production - Crops |
| 0191 | General Farms, Primarily Crop | 1 | Agricultural Production - Crops |
| 0271 | Fur-Bearing Animals & Rabbits | 2 | Agricultural Production - Livestock |
| 0279 | Animal Specialties, NEC | 2 | Agricultural Production - Livestock |
| 0291 | Farms, Primarily Livestock | 2 | Agricultural Production - Livestock |
| 0711 | Soil Preparation Services | 7 | Agricultural Services |
| 0721 | Crop Planting & Protection | 7 | Agricultural Services |
| 0722 | Harvesting, Primarily Machine | 7 | Agricultural Services |
| 0723 | Crop Prep Services For Market | 7 | Agricultural Services |
| 0724 | Cotton Ginning | 7 | Agricultural Services |
| 0751 | Livestock Services, Except Vet | 7 | Agricultural Services |
| 0752 | Animal Special Serv Except Vet | 7 | Agricultural Services |
| 0761 | Farm Labor Contract & Crew | 7 | Agricultural Services |
| 0762 | Farm Management Services | 7 | Agricultural Services |
| 0781 | Landscape Counseling And Plan | 7 | Agricultural Services |
| 0782 | Lawn And Garden Services | 7 | Agricultural Services |
| 0783 | Ornamental Shrub And Tree Serv | 7 | Agricultural Services |
| 0811 | Timber Tracts | 8 | Forestry |
| 0831 | Forest Products | 8 | Forestry |
| 0851 | Forestry Services | 8 | Forestry |
| 0912 | Finfish | 9 | Fishing, Hunting, & Trapping |
| 0913 | Shellfish | 9 | Fishing, Hunting, & Trapping |
| 0919 | Miscellaneous Marine Products | 9 | Fishing, Hunting, & Trapping |
| 0971 | Hunt & Trap & Game Propagation | 9 | Fishing, Hunting, & Trapping |
| 1241 | Coal Mining Service | 12 | Coal Mining - SIC 12 |

Table A-2. SIC Codes Not Assigned to a Point Source Category

| 4-Digit SIC Code | Sic Description | Major SIC Group | SIC Group Description |
|-------------------------|---------------------------------|------------------------|-------------------------------------|
| 1321 | Natural Gas Liquids | 13 | Natural Gas Liquids |
| 1521 | Contractors-Single Family Hous | 15 | General Building Contractors |
| 1522 | Gen Contract-Res, Not Sinfa | 15 | General Building Contractors |
| 1531 | Operative Builders | 15 | General Building Contractors |
| 1541 | Gen Contract-Indust. Bldgs. | 15 | General Building Contractors |
| 1542 | Gen Contract, Non-Res Bldgs. | 15 | General Building Contractors |
| 1611 | Hwy & St Const., Exc. Elev Hwy | 16 | Heavy Construction, Except Building |
| 1622 | Bridge, Tunnel & Elev Hwy Cons | 16 | Heavy Construction, Except Building |
| 1623 | H2o, Sew, Pipe & Com. & Powr | 16 | Heavy Construction, Except Building |
| 1711 | Plumb, Heat & Air Conditioning | 17 | Special Trade Contractors |
| 1721 | Painting And Paper Hanging | 17 | Special Trade Contractors |
| 1731 | Electrical Work | 17 | Special Trade Contractors |
| 1741 | Masonry, Stone Set, Stone Work | 17 | Special Trade Contractors |
| 1742 | Plstr, Drywall, Acous, & Insul | 17 | Special Trade Contractors |
| 1743 | Terrazzo,Tile,Marble, Mosaic | 17 | Special Trade Contractors |
| 1751 | Carpentry Work | 17 | Special Trade Contractors |
| 1752 | Floor Lay & Other Floor Work | 17 | Special Trade Contractors |
| 1761 | Roof, Side & Sheet Metal Work | 17 | Special Trade Contractors |
| 1771 | Concrete Work | 17 | Special Trade Contractors |
| 1781 | Water Well Drilling | 17 | Special Trade Contractors |
| 1791 | Structural Steel Erection | 17 | Special Trade Contractors |
| 1793 | Glass And Glazing Work | 17 | Special Trade Contractors |
| 1794 | Excavation Work | 17 | Special Trade Contractors |
| 1795 | Wrecking And Demolition Work | 17 | Special Trade Contractors |
| 1796 | Inst Or Erection Of Bldg Equip | 17 | Special Trade Contractors |
| 1799 | Special Trade Contractors, NEC | 17 | Special Trade Contractors |
| 2048 | Prep Feeds & Ingrid For Anima | 20 | Food & Kindred Products |
| 2311 | Men's & Boy's Suits, Coats | 23 | Apparel & Other Textile Products |
| 2321 | Men's, & Boy's Shirts | 23 | Apparel & Other Textile Products |
| 2323 | Men's, Youth's & Boys Neckwear | 23 | Apparel & Other Textile Products |
| 2325 | Men & Boy Sep Trousers & Slack | 23 | Apparel & Other Textile Products |
| 2326 | Men's & Boy's Work Clothing | 23 | Apparel & Other Textile Products |
| 2329 | Men's, Youth's & Boy's Clothng | 23 | Apparel & Other Textile Products |
| 2331 | Women, Mis, Jr' Blses, Waists | 23 | Apparel & Other Textile Products |
| 2335 | Women's, Misses' & Jrs' Dress | 23 | Apparel & Other Textile Products |
| 2337 | Women, Mis', Jrs' Suits, Shirt | 23 | Apparel & Other Textile Products |
| 2339 | Women's, Miss' & Jr' Outerwear | 23 | Apparel & Other Textile Products |
| 2341 | Womens,Mis',Chld's,Inf Underwe | 23 | Apparel & Other Textile Products |
| 2342 | Brassiers,Girdles & Allied Gar | 23 | Apparel & Other Textile Products |
| 2353 | Hats, Caps And Millinery | 23 | Apparel & Other Textile Products |
| 2361 | Girls, Childs & Inf's Outerwear | 23 | Apparel & Other Textile Products |
| 2369 | Girls, Childs & Inf's Outerwear | 23 | Apparel & Other Textile Products |
| 2371 | Fur Goods | 23 | Apparel & Other Textile Products |
| 2381 | Dress & Wk Glove Exc Knit/Leat | 23 | Apparel & Other Textile Products |

Table A-2. SIC Codes Not Assigned to a Point Source Category

| 4-Digit SIC Code | Sic Description | Major SIC Group | SIC Group Description |
|-------------------------|--------------------------------|------------------------|--------------------------------------|
| 2384 | Robes & Dressing Gowns | 23 | Apparel & Other Textile Products |
| 2385 | Raincoats & Raingear | 23 | Apparel & Other Textile Products |
| 2386 | Leather & Sheep-Lined Clothing | 23 | Apparel & Other Textile Products |
| 2387 | Apparel Belts | 23 | Apparel & Other Textile Products |
| 2389 | Apparel & Accessories, NEC | 23 | Apparel & Other Textile Products |
| 2391 | Curtains & Draperies | 23 | Apparel & Other Textile Products |
| 2392 | Housefurnishings, Exc Curtains | 23 | Apparel & Other Textile Products |
| 2393 | Textile Bags | 23 | Apparel & Other Textile Products |
| 2394 | Canvas & Related Products | 23 | Apparel & Other Textile Products |
| 2395 | Pleating, Decor/Novelty Stitch | 23 | Apparel & Other Textile Products |
| 2397 | Schiffli Machine Embroideries | 23 | Apparel & Other Textile Products |
| 2411 | Logging Camps/Logging Contract | 24 | Lumber & Wood Products |
| 2426 | Hardwood Dimen & Flooring Mill | 24 | Lumber & Wood Products |
| 2429 | Special Product Sawmills NEC | 24 | Lumber & Wood Products |
| 2441 | Nailed/Lock Corner Wood Boxes | 24 | Lumber & Wood Products |
| 2448 | Wood Pallets And Skids | 24 | Lumber & Wood Products |
| 2449 | Wood Containers NEC | 24 | Lumber & Wood Products |
| 2451 | Mobile Homes | 24 | Lumber & Wood Products |
| 2452 | Prefab Wood Bldgs & Components | 24 | Lumber & Wood Products |
| 2515 | Mattresses And Bedsprings | 25 | Furniture & Fixtures |
| 2519 | Household Furniture, NEC | 25 | Furniture & Fixtures |
| 2652 | Set-Up Paperboard Boxes | 26 | Paper & Allied Products |
| 2673 | Bags, Plastic, Lamina & Coated | 26 | Paper & Allied Products |
| 2675 | Die-Cut Paper,Paperbrd/Cardbrd | 26 | Paper & Allied Products |
| 2676 | Sanitary Paper Products | 26 | Paper & Allied Products |
| 2677 | Envelopes | 26 | Paper & Allied Products |
| 2678 | Stationery,Tablets & Rel Prod | 26 | Paper & Allied Products |
| 3131 | Boot & Shoe Cut Stock & Findng | 31 | Leather & Leather Products |
| 3142 | House Slippers | 31 | Leather & Leather Products |
| 3143 | Men's Footwear,Except Athletic | 31 | Leather & Leather Products |
| 3144 | Women's Footwear,Except Athlet | 31 | Leather & Leather Products |
| 3149 | Footwear, Except Rubber NEC | 31 | Leather & Leather Products |
| 3151 | Leather Gloves And Mittens | 31 | Leather & Leather Products |
| 3161 | Luggage | 31 | Leather & Leather Products |
| 3171 | Women's Handbags And Purses | 31 | Leather & Leather Products |
| 3172 | Personal Leather Goods,Exc Han | 31 | Leather & Leather Products |
| 3199 | Leather Goods NEC | 31 | Leather & Leather Products |
| 3271 | Concrete Block & Brick | 32 | Stone, Clay, & Glass Products |
| 3281 | Cut Stone & Stone Products | 32 | Stone, Clay, & Glass Products |
| 3942 | Dolls | 39 | Misc. Manuf. Industries |
| 3952 | Lead Pencils And Art Goods | 39 | Misc. Manuf. Industries |
| 3955 | Carbon Paper And Inked Ribbons | 39 | Misc. Manuf. Industries |
| 3991 | Brooms And Brushes | 39 | Misc. Manuf. Industries |
| 4111 | Local And Suburban Transit | 41 | Local & Interurban Passenger Transit |

Table A-2. SIC Codes Not Assigned to a Point Source Category

| 4-Digit SIC Code | Sic Description | Major SIC Group | SIC Group Description |
|-------------------------|---|------------------------|--------------------------------------|
| 4119 | Local Passenger Transportation | 41 | Local & Interurban Passenger Transit |
| 4121 | Taxicabs | 41 | Local & Interurban Passenger Transit |
| 4131 | Intercity & Rural Bus Transport | 41 | Local & Interurban Passenger Transit |
| 4141 | Local Bus Charter Service | 41 | Local & Interurban Passenger Transit |
| 4142 | Bus Charter Service, Exc Local | 41 | Local & Interurban Passenger Transit |
| 4151 | School Buses | 41 | Local & Interurban Passenger Transit |
| 4173 | Bus Terminal & Service Facility | 41 | Local & Interurban Passenger Transit |
| 4212 | Local Trucking Without Storage | 42 | Trucking & Warehousing |
| 4213 | Trucking, Except Local | 42 | Trucking & Warehousing |
| 4214 | Local Trucking With Storage | 42 | Trucking & Warehousing |
| 4215 | Courier Services, Except Air | 42 | Trucking & Warehousing |
| 4221 | Farm Prod Warehousing & Storage | 42 | Trucking & Warehousing |
| 4222 | Refrigerated Warehousing & Storage | 42 | Trucking & Warehousing |
| 4225 | General Warehousing & Storage | 42 | Trucking & Warehousing |
| 4226 | Special Warehousing & Storage | 42 | Trucking & Warehousing |
| 4231 | Trucking Terminal Facilities | 42 | Trucking & Warehousing |
| 4311 | United States Postal Service | 43 | U.S. Postal Service |
| 4412 | Deep Sea Foreign Transport of Freight | 44 | Water Transportation |
| 4424 | Deep Sea Domestic Transport of Freight | 44 | Water Transportation |
| 4432 | Freight Transport on the Great Lakes | 44 | Water Transportation |
| 4449 | Water Transport of Freight, NEC | 44 | Water Transportation |
| 4481 | Deep Sea Passenger Transport, Exc Ferry | 44 | Water Transportation |
| 4482 | Ferries | 44 | Water Transportation |
| 4489 | Water Passenger Transportation | 44 | Water Transportation |
| 4492 | Towing and Tugboat Service | 44 | Water Transportation |
| 4493 | Marinas | 44 | Water Transportation |
| 4512 | Air Transportation, Scheduled | 45 | Transportation by Air |
| 4513 | Air Courier Services | 45 | Transportation by Air |
| 4522 | Air Transport, Nonscheduled | 45 | Transportation by Air |
| 4613 | Refined Petroleum Pipeline | 46 | Pipelines, Except Natural Gas |
| 4619 | Pipelines, NEC | 46 | Pipelines, Except Natural Gas |
| 4724 | Travel Agencies | 47 | Transportation Services |
| 4725 | Tour Operators | 47 | Transportation Services |
| 4729 | Passenger Transport Arrangement | 47 | Transportation Services |
| 4731 | Freight Transport Arrangement | 47 | Transportation Services |
| 4783 | Packing and Crating | 47 | Transportation Services |
| 4785 | Inspection & Fixed Facilities | 47 | Transportation Services |
| 4789 | Transportation Services, NEC | 47 | Transportation Services |
| 4812 | Radiotelephone Communications | 48 | Communications |
| 4813 | Telephone Com, Except Radio | 48 | Communications |
| 4822 | Telegraph & Other Communications | 48 | Communications |
| 4832 | Radio Broadcasting, NEC | 48 | Communications |
| 4833 | Television Broadcasting | 48 | Communications |
| 4841 | Cable & Other Pay TV Services | 48 | Communications |

Table A-2. SIC Codes Not Assigned to a Point Source Category

| 4-Digit SIC Code | Sic Description | Major SIC Group | SIC Group Description |
|-------------------------|--------------------------------|------------------------|------------------------------------|
| 4899 | Communication Services, NEC | 48 | Communications |
| 4922 | Natural Gas Transmission | 49 | Electric, Gas, & Sanitary Services |
| 4923 | Nat Gas Transmission & Distrib | 49 | Electric, Gas, & Sanitary Services |
| 4924 | Natural Gas Distribution | 49 | Electric, Gas, & Sanitary Services |
| 4932 | Gas & Other Services Combined | 49 | Electric, Gas, & Sanitary Services |
| 4952 | Sewerage Systems | 4952 | Sewerage Systems |
| 4959 | Sanitary Services, NEC | 4959 | Sanitary Services |
| 4971 | Irrigation Systems | 49 | Electric, Gas, & Sanitary Services |
| 5012 | Automobiles And Other Vehicles | 50 | Wholesale Trade- Durable Goods |
| 5013 | Motor Vehicle Parts & New Sup | 50 | Wholesale Trade- Durable Goods |
| 5014 | Tires And Tubes | 50 | Wholesale Trade- Durable Goods |
| 5015 | Motor Vehicle Parts, Used | 50 | Wholesale Trade- Durable Goods |
| 5021 | Furniture | 50 | Wholesale Trade- Durable Goods |
| 5023 | Homefurnishings | 50 | Wholesale Trade- Durable Goods |
| 5031 | Lumber,Plywood,Millwork,& Panl | 50 | Wholesale Trade- Durable Goods |
| 5033 | Roofing, Siding And Insulation | 50 | Wholesale Trade- Durable Goods |
| 5039 | Construction Materials, NEC | 50 | Wholesale Trade- Durable Goods |
| 5043 | Photographic Equip & Supplies | 50 | Wholesale Trade- Durable Goods |
| 5044 | Office Equipment | 50 | Wholesale Trade- Durable Goods |
| 5045 | Computers, Peripherals, & Soft | 50 | Wholesale Trade- Durable Goods |
| 5046 | Commercial Equipment, NEC | 50 | Wholesale Trade- Durable Goods |
| 5047 | Medical And Office Equipment | 50 | Wholesale Trade- Durable Goods |
| 5048 | Ophthalmic Goods | 50 | Wholesale Trade- Durable Goods |
| 5049 | Professional Equipment, NEC | 50 | Wholesale Trade- Durable Goods |
| 5051 | Metal Service Centers & Office | 50 | Wholesale Trade- Durable Goods |
| 5052 | Coal & Other Minerals & Ores | 50 | Wholesale Trade- Durable Goods |
| 5063 | Electrical Apparatus And Equip | 50 | Wholesale Trade- Durable Goods |
| 5064 | Elec Appliances/Tv & Radio Set | 50 | Wholesale Trade- Durable Goods |
| 5065 | Electronic Parts And Equipment | 50 | Wholesale Trade- Durable Goods |
| 5072 | Hardware | 50 | Wholesale Trade- Durable Goods |
| 5074 | Plumb & Heat Equip & Supplies | 50 | Wholesale Trade- Durable Goods |
| 5075 | Air Heat & Air-Cond. Equip/Sup | 50 | Wholesale Trade- Durable Goods |
| 5078 | Refrigeration Equip & Supplies | 50 | Wholesale Trade- Durable Goods |
| 5082 | Const & Mining Machine & Equip | 50 | Wholesale Trade- Durable Goods |
| 5083 | Farm & Garden Machine & Equip | 50 | Wholesale Trade- Durable Goods |
| 5084 | Industrial Machinery And Equip | 50 | Wholesale Trade- Durable Goods |
| 5085 | Industrial Supplies | 50 | Wholesale Trade- Durable Goods |
| 5087 | Service Establish Equip & Supp | 50 | Wholesale Trade- Durable Goods |
| 5088 | Trans Equip & Supp, Exc Motor | 50 | Wholesale Trade- Durable Goods |
| 5091 | Sporting & Recreational Goods | 50 | Wholesale Trade- Durable Goods |
| 5092 | Toys & Hobby Goods & Supplies | 50 | Wholesale Trade- Durable Goods |
| 5093 | Scrap & Waste Materials | 50 | Wholesale Trade- Durable Goods |
| 5094 | Jewelry, Watches, Precious Sto | 50 | Wholesale Trade- Durable Goods |
| 5099 | Durable Goods, NEC | 50 | Wholesale Trade- Durable Goods |

Table A-2. SIC Codes Not Assigned to a Point Source Category

| 4-Digit SIC Code | Sic Description | Major SIC Group | SIC Group Description |
|-------------------------|--------------------------------|------------------------|--|
| 5111 | Printing And Writing Paper | 51 | Wholesale Trade- Nondurable Goods |
| 5112 | Stationery And Office Supplies | 51 | Wholesale Trade- Nondurable Goods |
| 5113 | Indust & Personal Paper Servic | 51 | Wholesale Trade- Nondurable Goods |
| 5122 | Drugs, Drug Prpprie & Sundries | 51 | Wholesale Trade- Nondurable Goods |
| 5131 | Piece Goods And Notions | 51 | Wholesale Trade- Nondurable Goods |
| 5136 | Male's Clothing & Furnishings | 51 | Wholesale Trade- Nondurable Goods |
| 5137 | Women's, Child & Inf Clothing | 51 | Wholesale Trade- Nondurable Goods |
| 5139 | Footwear | 51 | Wholesale Trade- Nondurable Goods |
| 5141 | Groceries, General Line | 51 | Wholesale Trade- Nondurable Goods |
| 5142 | Packaged Frozen Foods | 51 | Wholesale Trade- Nondurable Goods |
| 5143 | Dairy Prod, Exc Dried & Canned | 51 | Wholesale Trade- Nondurable Goods |
| 5145 | Confectionery | 51 | Wholesale Trade- Nondurable Goods |
| 5146 | Fish And Seafoods | 51 | Wholesale Trade- Nondurable Goods |
| 5147 | Meats And Meat Products | 51 | Wholesale Trade- Nondurable Goods |
| 5148 | Fresh Fruits And Vegetables | 51 | Wholesale Trade- Nondurable Goods |
| 5149 | Groceries & Related Products | 51 | Wholesale Trade- Nondurable Goods |
| 5153 | Grain And Field Beans | 51 | Wholesale Trade- Nondurable Goods |
| 5154 | Livestock | 51 | Wholesale Trade- Nondurable Goods |
| 5162 | Plastic Mater & Basic Shapes | 51 | Wholesale Trade- Nondurable Goods |
| 5172 | Petrol & Pet Prod Wholesalers | 51 | Wholesale Trade- Nondurable Goods |
| 5181 | Beer And Ale | 51 | Wholesale Trade- Nondurable Goods |
| 5191 | Farm Supplies | 51 | Wholesale Trade- Nondurable Goods |
| 5192 | Books, Periodicals & Newspaper | 51 | Wholesale Trade- Nondurable Goods |
| 5193 | Flowers And Florists' Supplies | 51 | Wholesale Trade- Nondurable Goods |
| 5194 | Tobacco And Tobacco Products | 51 | Wholesale Trade- Nondurable Goods |
| 5198 | Paints, Varnishes And Supplies | 51 | Wholesale Trade- Nondurable Goods |
| 5199 | Nondurable Goods, NEC | 51 | Wholesale Trade- Nondurable Goods |
| 5211 | Lumber & Build Material Dealer | 52 | Building Materials& Gardening Supplies |
| 5231 | Paint, Glass & Wallpaper Store | 52 | Building Materials& Gardening Supplies |
| 5251 | Hardware Stores | 52 | Building Materials& Gardening Supplies |
| 5261 | Ret Nurseries,Lawn/Gardn Store | 52 | Building Materials& Gardening Supplies |
| 5271 | Mobile Home Dealers | 52 | Building Materials& Gardening Supplies |
| 5311 | Department Stores | 53 | General Merchandise Stores |
| 5331 | Variety Stores | 53 | General Merchandise Stores |
| 5399 | Miscellaneous General Stores | 53 | General Merchandise Stores |
| 5411 | Grocery Stores | 54 | Food Stores |
| 5421 | Meat And Fish Markets | 54 | Food Stores |
| 5431 | Fruit And Vegetable Markets | 54 | Food Stores |
| 5441 | Candy, Nut & Confection Stores | 54 | Food Stores |
| 5451 | Dairy Products Stores | 54 | Food Stores |
| 5461 | Retail Bakeries | 54 | Food Stores |
| 5499 | Miscellaneous Food Stores | 54 | Food Stores |
| 5511 | Motor Veh. Dealers (New/Used) | 55 | Automotive Dealers & Service Stations |
| 5521 | Motor Veh. Dealers (Used Only) | 55 | Automotive Dealers & Service Stations |

Table A-2. SIC Codes Not Assigned to a Point Source Category

| 4-Digit SIC Code | Sic Description | Major SIC Group | SIC Group Description |
|-------------------------|--------------------------------|------------------------|---------------------------------------|
| 5531 | Auto And Home Supply Stores | 55 | Automotive Dealers & Service Stations |
| 5541 | Gasoline Service Stations | 55 | Automotive Dealers & Service Stations |
| 5551 | Boat Dealers | 55 | Automotive Dealers & Service Stations |
| 5561 | Recreational Vehicle Dealers | 55 | Automotive Dealers & Service Stations |
| 5571 | Motorcycle Dealers | 55 | Automotive Dealers & Service Stations |
| 5599 | Automotive Dealers, NEC | 55 | Automotive Dealers & Service Stations |
| 5611 | Male's Clothing & Access Store | 56 | Apparel & Accessory Stores |
| 5621 | Women's Clothing Stores | 56 | Apparel & Accessory Stores |
| 5632 | Women's Access & Spec Stores | 56 | Apparel & Accessory Stores |
| 5641 | Children's & Inf Wear Stores | 56 | Apparel & Accessory Stores |
| 5651 | Family Clothing Stores | 56 | Apparel & Accessory Stores |
| 5661 | Shoe Stores | 56 | Apparel & Accessory Stores |
| 5699 | Misc Apparel & Access Stores | 56 | Apparel & Accessory Stores |
| 5712 | Furniture Stores | 57 | Furniture & Homefurnishings Stores |
| 5713 | Floor Covering Stores | 57 | Furniture & Homefurnishings Stores |
| 5714 | Drape, Curtain & Uphol Stores | 57 | Furniture & Homefurnishings Stores |
| 5719 | Misc Homefurnishings Stores | 57 | Furniture & Homefurnishings Stores |
| 5722 | Household Appliance Stores | 57 | Furniture & Homefurnishings Stores |
| 5731 | Radio, Tv & Electronics Stores | 57 | Furniture & Homefurnishings Stores |
| 5734 | Computer And Software Stores | 57 | Furniture & Homefurnishings Stores |
| 5735 | Record & Prerecorded Tape Stor | 57 | Furniture & Homefurnishings Stores |
| 5736 | Musical Instrument Stores | 57 | Furniture & Homefurnishings Stores |
| 5813 | Drinking Places (Alcoholic Bev | 58 | Eating & Drinking Places |
| 5912 | Drug Stores & Proprietary Stor | 59 | Miscellaneous Retail |
| 5921 | Liquor Stores | 59 | Miscellaneous Retail |
| 5932 | Used Merchandise Stores | 59 | Miscellaneous Retail |
| 5941 | Sporting Goods/Bicycle Stores | 59 | Miscellaneous Retail |
| 5942 | Book Stores | 59 | Miscellaneous Retail |
| 5943 | Stationery Stores | 59 | Miscellaneous Retail |
| 5944 | Jewelery Stores | 59 | Miscellaneous Retail |
| 5945 | Hobby, Toy And Game Shops | 59 | Miscellaneous Retail |
| 5946 | Camera & Photo Supply Stores | 59 | Miscellaneous Retail |
| 5947 | Gift, Novelty & Souvenir Shops | 59 | Miscellaneous Retail |
| 5948 | Luggage & Leather Goods Stores | 59 | Miscellaneous Retail |
| 5949 | Sew/Needlewk/Piece Goods Store | 59 | Miscellaneous Retail |
| 5961 | Catalog And Mail-Order Houses | 59 | Miscellaneous Retail |
| 5962 | Auto Merchandis Machine Operat | 59 | Miscellaneous Retail |
| 5963 | Direct Selling Establishments | 59 | Miscellaneous Retail |
| 5983 | Fuel Oil Dealers | 59 | Miscellaneous Retail |
| 5984 | Liq Petrol Gas (Bot Gas) Dealr | 59 | Miscellaneous Retail |
| 5989 | Fuel Dealers, NEC | 59 | Miscellaneous Retail |
| 5992 | Florists | 59 | Miscellaneous Retail |
| 5993 | Tobacco Stores And Stands | 59 | Miscellaneous Retail |
| 5994 | News Dealers And Newsstands | 59 | Miscellaneous Retail |

Table A-2. SIC Codes Not Assigned to a Point Source Category

| 4-Digit SIC Code | Sic Description | Major SIC Group | SIC Group Description |
|-------------------------|--------------------------------|------------------------|--------------------------------------|
| 5995 | Optical Goods Stores | 59 | Miscellaneous Retail |
| 5999 | Miscellaneous Retail Stores | 59 | Miscellaneous Retail |
| 6011 | Federal Reserve Banks | 60 | Depository Institutions |
| 6019 | Central Reserve Repository | 60 | Depository Institutions |
| 6021 | National Commercial Banks | 60 | Depository Institutions |
| 6022 | State Commercial Banks | 60 | Depository Institutions |
| 6029 | Commercial Banks, NEC | 60 | Depository Institutions |
| 6035 | Federal Savings Institutions | 60 | Depository Institutions |
| 6036 | Savings Institutions, Exc Fed | 60 | Depository Institutions |
| 6061 | Federal Credit Unions | 60 | Depository Institutions |
| 6062 | State Credit Unions | 60 | Depository Institutions |
| 6081 | Foreign Bank & Branches & Agen | 60 | Depository Institutions |
| 6082 | Foreign Trade & Internat Banks | 60 | Depository Institutions |
| 6091 | Nondeposit Trust Facilities | 60 | Depository Institutions |
| 6099 | Funct Related To Dep Banking | 60 | Depository Institutions |
| 6111 | Federal & Fed-Sponsored Credit | 61 | Nondepository Institutions |
| 6141 | Personal Credit Institutions | 61 | Nondepository Institutions |
| 6153 | Short-Term Bus. Credit Institu | 61 | Nondepository Institutions |
| 6159 | Misc Business Credit Instituti | 61 | Nondepository Institutions |
| 6162 | Mortg Bankers & Loan Correspon | 61 | Nondepository Institutions |
| 6163 | Loan Brokers | 61 | Nondepository Institutions |
| 6211 | Sec Brokers/Dealers/Flotat. Co | 62 | Security & Commodity Brokers |
| 6221 | Commodity Contr Brokers & Deal | 62 | Security & Commodity Brokers |
| 6231 | Security & Commodity Exchanges | 62 | Security & Commodity Brokers |
| 6282 | Investment Advice | 62 | Security & Commodity Brokers |
| 6289 | Security & Commodity Services | 62 | Security & Commodity Brokers |
| 6311 | Life Insurance | 63 | Insurance Carriers |
| 6321 | Accident And Health Insurance | 63 | Insurance Carriers |
| 6324 | Hospital & Medical Serv Plans | 63 | Insurance Carriers |
| 6331 | Fire, Marine & Casualty Insur | 63 | Insurance Carriers |
| 6351 | Surety Insurance | 63 | Insurance Carriers |
| 6361 | Title Insurance | 63 | Insurance Carriers |
| 6371 | Pension, Health & Welfare Fund | 63 | Insurance Carriers |
| 6399 | Insurance Carriers, NEC | 63 | Insurance Carriers |
| 6411 | Insur Agents, Brokers, & Servi | 64 | Insurance Agents, Brokers, & Service |
| 6512 | Oper Of Nonresidential Bldgs | 65 | Real Estate |
| 6513 | Operators Of Apart Buildings | 65 | Real Estate |
| 6514 | Oper Of Dwell Other Than Apart | 65 | Real Estate |
| 6515 | Oper Of Res Mobile Home Sites | 65 | Real Estate |
| 6517 | Lessors Of Railroad Properties | 65 | Real Estate |
| 6519 | Lessors Of Real Property, NEC | 65 | Real Estate |
| 6531 | Real Estate Agents & Managers | 65 | Real Estate |
| 6541 | Title Abstract Offices | 65 | Real Estate |
| 6552 | Land Subdividers & Dev, Ex Cem | 65 | Real Estate |

Table A-2. SIC Codes Not Assigned to a Point Source Category

| 4-Digit SIC Code | Sic Description | Major SIC Group | SIC Group Description |
|-------------------------|--------------------------------|------------------------|------------------------------------|
| 6553 | Cemetery Subdividers & Develop | 65 | Real Estate |
| 6712 | Bank Holding Companies | 67 | Holding & Other Investment Offices |
| 6719 | Holding Companies, NEC | 67 | Holding & Other Investment Offices |
| 6722 | Mgmt Invest. Offices, Open End | 67 | Holding & Other Investment Offices |
| 6726 | Investment Offices, NEC | 67 | Holding & Other Investment Offices |
| 6732 | Educat.,Relig & Charity Trusts | 67 | Holding & Other Investment Offices |
| 6733 | Trusts,Exc Educat,Relig & Char | 67 | Holding & Other Investment Offices |
| 6792 | Oil Royalty Traders | 67 | Holding & Other Investment Offices |
| 6794 | Patent Owners And Lessors | 67 | Holding & Other Investment Offices |
| 6798 | Real Estate Investment Trusts | 67 | Holding & Other Investment Offices |
| 6799 | Investors, NEC | 67 | Holding & Other Investment Offices |
| 7011 | Hotels And Motels | 70 | Hotels & Other Lodging Places |
| 7021 | Rooming And Boarding Houses | 70 | Hotels & Other Lodging Places |
| 7032 | Sporting & Recreational Camps | 70 | Hotels & Other Lodging Places |
| 7033 | Rec Vehicle Parks & Campsites | 70 | Hotels & Other Lodging Places |
| 7041 | Org. Hotel & Lodg Hse, On Memb | 70 | Hotels & Other Lodging Places |
| 7211 | Power Laundries, Res & Commerc | 72 | Personal Services- SIC 72 |
| 7212 | Garm Pressing/Laundries/Drycle | 72 | Personal Services- SIC 72 |
| 7213 | Linen Supply | 72 | Personal Services- SIC 72 |
| 7215 | Coin-Operated Laundries/Drycle | 72 | Personal Services- SIC 72 |
| 7216 | Dryclean Plants, Exc Rug Clean | 72 | Personal Services- SIC 72 |
| 7217 | Carpet & Upholstery Cleaning | 72 | Personal Services- SIC 72 |
| 7219 | Laundry & Garment Services,NEC | 72 | Personal Services- SIC 72 |
| 7231 | Beauty Shops | 72 | Personal Services- SIC 72 |
| 7241 | Barber Shops | 72 | Personal Services- SIC 72 |
| 7251 | Shoe Rep Shops & Shoeshine Par | 72 | Personal Services- SIC 72 |
| 7261 | Funeral Services & Crematories | 72 | Personal Services- SIC 72 |
| 7291 | Tax And Preparation Services | 72 | Personal Services- SIC 72 |
| 7299 | Miscellaneous Personal Service | 72 | Personal Services- SIC 72 |
| 7311 | Advertising Agencies | 73 | Business Services |
| 7312 | Outdoor Advertising Agencies | 73 | Business Services |
| 7313 | Radio, Tv & Publishers Ad Reps | 73 | Business Services |
| 7319 | Advertising, NEC | 73 | Business Services |
| 7322 | Adjustment & Collect Services | 73 | Business Services |
| 7323 | Credit Reporting Services | 73 | Business Services |
| 7331 | Direct Mail Advertis Services | 73 | Business Services |
| 7334 | Photocopying/Duplicating Serv | 73 | Business Services |
| 7338 | Secretarial & Court Reporting | 73 | Business Services |
| 7342 | Disinfecting & Exterminat Serv | 73 | Business Services |
| 7349 | Building Maintnenance Service | 73 | Business Services |
| 7352 | Medical Equipment Rental | 73 | Business Services |
| 7353 | Heavy Constructon Equip Rental | 73 | Business Services |
| 7359 | Equipment Rental And Leasing, | 73 | Business Services |
| 7361 | Employment Agencies | 73 | Business Services |

Table A-2. SIC Codes Not Assigned to a Point Source Category

| 4-Digit SIC Code | Sic Description | Major SIC Group | SIC Group Description |
|-------------------------|--------------------------------|------------------------|----------------------------------|
| 7363 | Help Supply Services | 73 | Business Services |
| 7371 | Custom Computer Prog Services | 73 | Business Services |
| 7372 | Prepackaged Software | 73 | Business Services |
| 7373 | Computer Integrated Sys Design | 73 | Business Services |
| 7374 | Data Processing & Preparation | 73 | Business Services |
| 7375 | Information Retrieval Services | 73 | Business Services |
| 7376 | Computer Facilities Management | 73 | Business Services |
| 7377 | Computer Rental And Leasing | 73 | Business Services |
| 7378 | Computer Maintenance & Repair | 73 | Business Services |
| 7379 | Computer Related Services, NEC | 73 | Business Services |
| 7381 | Detective & Armored Car Serv | 73 | Business Services |
| 7382 | Security Systems Services | 73 | Business Services |
| 7383 | News Syndicates | 73 | Business Services |
| 7389 | Business Services, NEC | 73 | Business Services |
| 7513 | Truck Rent & Lease, No Drivers | 75 | Auto Repair, Services, & Parking |
| 7514 | Passenger Car Rental | 75 | Auto Repair, Services, & Parking |
| 7515 | Passenger Car Leasing | 75 | Auto Repair, Services, & Parking |
| 7519 | Utility Trailer & Rv Rental | 75 | Auto Repair, Services, & Parking |
| 7521 | Automobile Parking | 75 | Auto Repair, Services, & Parking |
| 7532 | Top & Body Repair & Paint Shop | 75 | Auto Repair, Services, & Parking |
| 7533 | Auto Exhaust System Rep Shops | 75 | Auto Repair, Services, & Parking |
| 7534 | Tire Retreading & Repair Shops | 75 | Auto Repair, Services, & Parking |
| 7536 | Auto Glass Replacement Shops | 75 | Auto Repair, Services, & Parking |
| 7537 | Auto Transmission Repair Shops | 75 | Auto Repair, Services, & Parking |
| 7538 | General Auto Repair Shops | 75 | Auto Repair, Services, & Parking |
| 7539 | Automotive Repair Shops, NEC | 75 | Auto Repair, Services, & Parking |
| 7542 | Car Washes | 75 | Auto Repair, Services, & Parking |
| 7549 | Auto Serv, Exc Rep & Carwashes | 75 | Auto Repair, Services, & Parking |
| 7622 | Radio & Television Repair Shop | 76 | Miscellaneous Repair Services |
| 7623 | Refrig & Ac Serv & Rep Shops | 76 | Miscellaneous Repair Services |
| 7629 | Elec & Electronic Repair Shops | 76 | Miscellaneous Repair Services |
| 7631 | Watch, Clock & Jewelry Repair | 76 | Miscellaneous Repair Services |
| 7641 | Reupholstery & Furniture Rep | 76 | Miscellaneous Repair Services |
| 7694 | Armature Rewinding Shops | 76 | Miscellaneous Repair Services |
| 7812 | Motion Picture & Video Prod | 78 | Motion Pictures |
| 7819 | Serv. Allied To Motion Picture | 78 | Motion Pictures |
| 7822 | Motion Picture & Tape Distrib | 78 | Motion Pictures |
| 7829 | Serv Allied To Motion Pic Dist | 78 | Motion Pictures |
| 7832 | Motion Pic Thea., Ex Drive-In | 78 | Motion Pictures |
| 7833 | Drive-In Motion Pic Theatres | 78 | Motion Pictures |
| 7841 | Video Tape Rental | 78 | Motion Pictures |
| 7911 | Dance Studios, Schools & Halls | 79 | Amusement & Recreation Services |
| 7922 | Thea. Prod (Exc Motion Picture | 79 | Amusement & Recreation Services |
| 7929 | Bands, Orch, Actors & Entertai | 79 | Amusement & Recreation Services |

Table A-2. SIC Codes Not Assigned to a Point Source Category

| 4-Digit SIC Code | Sic Description | Major SIC Group | SIC Group Description |
|-------------------------|--------------------------------|------------------------|--|
| 7933 | Bowling Centers | 79 | Amusement & Recreation Services |
| 7941 | Prof Sports Clubs & Promoters | 79 | Amusement & Recreation Services |
| 7948 | Racing, Including Track Opera | 79 | Amusement & Recreation Services |
| 7991 | Physical Fitness Facilities | 79 | Amusement & Recreation Services |
| 7992 | Public Golf Courses | 79 | Amusement & Recreation Services |
| 7993 | Coin Operated Amusement Devi | 79 | Amusement & Recreation Services |
| 7996 | Amusement Parks | 79 | Amusement & Recreation Services |
| 7997 | Membership Sports & Rec Clubs | 79 | Amusement & Recreation Services |
| 7999 | Amusement And Recreation, NEC | 79 | Amusement & Recreation Services |
| 8111 | Legal Services | 81 | Legal Services |
| 8211 | Elementary & Secondary Schools | 82 | Educational Services |
| 8221 | Colleges, Univ & Prof Schools | 82 | Educational Services |
| 8222 | Junior Colleges & Tech Institu | 82 | Educational Services |
| 8231 | Libraries | 82 | Educational Services |
| 8243 | Data Processing Schools | 82 | Educational Services |
| 8244 | Business & Secretarial Schools | 82 | Educational Services |
| 8249 | Vocational Schools, NEC | 82 | Educational Services |
| 8299 | Schools & Educational Services | 82 | Educational Services |
| 8322 | Individual And Family Services | 83 | Social Services |
| 8331 | Job Training & Voc Rehab Servi | 83 | Social Services |
| 8351 | Child Day Care Services | 83 | Social Services |
| 8361 | Residential Care | 83 | Social Services |
| 8399 | Social Services, NEC | 83 | Social Services |
| 8412 | Museums And Art Galleries | 84 | Museums, Botanical, Zoological Gardens |
| 8422 | Botanical & Zoological Gardens | 84 | Museums, Botanical, Zoological Gardens |
| 8611 | Business Associations | 86 | Membership Organizations |
| 8621 | Professional Membership Organ | 86 | Membership Organizations |
| 8631 | Labor Unions & Labor Organiza | 86 | Membership Organizations |
| 8641 | Civic, Social & Fraternal Ass. | 86 | Membership Organizations |
| 8651 | Political Organizations | 86 | Membership Organizations |
| 8661 | Religious Organizations | 86 | Membership Organizations |
| 8699 | Membership Organizations, NEC | 86 | Membership Organizations |
| 8711 | Engineering Services | 87 | Engineering & Management Services |
| 8712 | Architectural Services | 87 | Engineering & Management Services |
| 8713 | Surveying Services | 87 | Engineering & Management Services |
| 8721 | Acc., Auditing & Bookkeeping | 87 | Engineering & Management Services |
| 8732 | Commercial Nonphysical Resear | 87 | Engineering & Management Services |
| 8733 | Noncommercial Research Organi | 87 | Engineering & Management Services |
| 8741 | Management Services | 87 | Engineering & Management Services |
| 8742 | Management Consulting Service | 87 | Engineering & Management Services |
| 8743 | Public Relations Services | 87 | Engineering & Management Services |
| 8744 | Facilities Support Services | 87 | Engineering & Management Services |
| 8748 | Business Consulting, NEC | 87 | Engineering & Management Services |
| 8811 | Private Households | 88 | Private Households |

Table A-2. SIC Codes Not Assigned to a Point Source Category

| 4-Digit SIC Code | Sic Description | Major SIC Group | SIC Group Description |
|-------------------------|--------------------------------|------------------------|---|
| 8999 | Services, NEC | 89 | Services, Not Elsewhere Classified |
| 9111 | Executive Offices | 91 | Executive, Legislative, & General |
| 9121 | Legislative Bodies | 91 | Executive, Legislative, & General |
| 9131 | Exec & Legis Offices Combined | 91 | Executive, Legislative, & General |
| 9199 | General Government, NEC | 91 | Executive, Legislative, & General |
| 9211 | Courts | 92 | Justice, Public Order, & Safety |
| 9221 | Police Protection | 92 | Justice, Public Order, & Safety |
| 9222 | Legal Counsel & Prosecution | 92 | Justice, Public Order, & Safety |
| 9223 | Correctional Institutions | 92 | Justice, Public Order, & Safety |
| 9224 | Fire Protection | 92 | Justice, Public Order, & Safety |
| 9229 | Public Order And Safety, NEC | 92 | Justice, Public Order, & Safety |
| 9311 | Public Finance | 93 | Finance, Taxation, & Monetary Policy |
| 9411 | Administration Of Educat Prog | 94 | Administration of Human Resources |
| 9431 | Admin Of Pub Health Programs | 94 | Administration of Human Resources |
| 9441 | Adm Of Social/Human Resource | 94 | Administration of Human Resources |
| 9451 | Adm Of Vet Affairs, Ex Hea/Ins | 94 | Administration of Human Resources |
| 9511 | Air & Water Res & Sol Wste Mgt | 95 | Environmental Quality & Housing |
| 9512 | Land, Min, Wildlife/Forest Con | 95 | Environmental Quality & Housing |
| 9531 | Admin Of Housing Programs | 95 | Environmental Quality & Housing |
| 9532 | Adm Of Urb Plan/Comm/Rurl Dev | 95 | Environmental Quality & Housing |
| 9611 | Admin Of General Economic Pro | 96 | Administration of Economic Programs |
| 9621 | Reg & Admin Of Trans Programs | 96 | Administration of Economic Programs |
| 9631 | Reg & Adm Of Comms, Elec, Gas | 96 | Administration of Economic Programs |
| 9641 | Reg Of Agri Marketing & Commod | 96 | Administration of Economic Programs |
| 9651 | Reg, Lic & Insp Of Comm Sector | 96 | Administration of Economic Programs |
| 9661 | Space Research And Technology | 96 | Administration of Economic Programs |
| 9711 | National Security | 97 | National Security & International Affairs |
| 9721 | International Security | 97 | National Security & International Affairs |
| 9999 | Nonclassifiable Establishments | 99 | Non classifiable Establishments |

NEC – Not elsewhere classified.

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|------------|---|------------------|----------------------------|--|
| CWT | Centralized Waste Treatment | PSC | 437 | Centralized Waste Treatment |
| LNDLFL | Landfills | PSC | 445 | Landfills |
| MPM | Metal Products And Machinery | PSC | 438 | Metal Products And Machinery |
| VCCA | Vinyl Chloride and Chlor-Alkali | REV | 414.1 | Chlorine And Chlorinated Hydrocarbons |
| VCCAP | Vinyl Chloride and Chloryl-Alkali (Pesticides) | PSC | 455 | Pesticide Chemicals |
| WC | Waste Combustors | PSC | 444 | Waste Combustors |
| 325510ELEC | Paint and Coating Manufacturing (Electroplating) | PSC | 413 | Electroplating |
| 326199ELEC | All Other Plastics Product Manufacturing (Electroplating) | PSC | 413 | Electroplating |
| 331221ELEC | Rolled Steel Shape Manufacturing (Electroplating) | PSC | 413 | Electroplating |
| 336340ELEC | Motor Vehicle Brake System Manufacturing (Electroplating) | PSC | 413 | Electroplating |
| 111110 | Soybean Farming | NAICS | 1 | Agricultural Production - Crops |
| 111331 | Apple Orchards | NAICS | 1 | Agricultural Production - Crops |
| 111339 | Other Noncitrus Fruit Farming | NAICS | 1 | Agricultural Production - Crops |
| 111411 | Mushroom Production | NAICS | 1 | Agricultural Production - Crops |
| 111419 | Other Food Crops Grown Under Cover | NAICS | 1 | Agricultural Production - Crops |
| 111421 | Nursery and Tree Production | NAICS | 1 | Agricultural Production - Crops |
| 111422 | Floriculture Production | NAICS | 1 | Agricultural Production - Crops |
| 111930 | Sugarcane Farming | NAICS | 1 | Agricultural Production - Crops |
| 111991 | Sugar Beet Farming | NAICS | 1 | Agricultural Production - Crops |
| 111998 | All Other Miscellaneous Crop Farming | PNC | NA | Miscellaneous Foods And Beverages |
| 112112 | Cattle Feedlots | PSC | 412 | CAFO |
| 112120 | Dairy Cattle and Milk Production | PSC | 405 | Dairy products processing |
| 112210 | Hog and Pig Farming | PSC | 412 | CAFO |
| 112310 | Chicken Egg Production | PSC | 412 | CAFO |
| 112320 | Broilers and Other Meat Type Chicken Production | PSC | 432 | Meat and Poultry Products |
| 112330 | Turkey Production | PSC | 412 | CAFO |
| 112340 | Poultry Hatcheries | PSC | 412 | CAFO |
| 112390 | Other Poultry Production | PSC | 412 | CAFO |
| 112511 | Finfish Farming and Fish Hatcheries | PSC | 451 | Concentrated Aquatic Animal Production |
| 112512 | Shellfish Farming | PSC | 451 | Concentrated Aquatic Animal Production |
| 112910 | Apiculture | NAICS | 2 | Agricultural Production - Livestock |
| 113310 | Logging | NAICS | 24 | Lumber & Wood Products |
| 114111 | Finfish Fishing | NAICS | 9 | Fishing, Hunting, & Trapping |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|-------------------|--|-------------------------|-----------------------------------|---------------------------------|
| 114112 | Shellfish Fishing | NAICS | 9 | Fishing, Hunting, & Trapping |
| 115112 | Soil Preparation, Planting, and Cultivating | NAICS | 7 | Agricultural Services |
| 115114 | Postharvest Crop Activities (except Cotton Ginning) | NAICS | 7 | Agricultural Services |
| 115310 | Support Activities for Forestry | NAICS | 8 | Forestry |
| 211111 | Crude Petroleum and Natural Gas Extraction | PSC | 435 | Oil & Gas Extraction |
| 212111 | Bituminous Coal and Lignite Surface Mining | PSC | 434 | Coal Mining |
| 212112 | Bituminous Coal Underground Mining | PSC | 434 | Coal Mining |
| 212210 | Iron Ore Mining | PSC | 440 | Ore Mining And Dressing |
| 212221 | Gold Ore Mining | PSC | 440 | Ore Mining And Dressing |
| 212222 | Silver Ore Mining | PSC | 440 | Ore Mining And Dressing |
| 212231 | Lead Ore and Zinc Ore Mining | PSC | 440 | Ore Mining And Dressing |
| 212234 | Copper Ore and Nickel Ore Mining | PSC | 440 | Ore Mining And Dressing |
| 212291 | Uranium-Radium-Vanadium Ore Mining | PSC | 440 | Ore Mining And Dressing |
| 212299 | All Other Metal Ore Mining | PSC | 440 | Ore Mining And Dressing |
| 212311 | Dimension Stone Mining and Quarrying | PSC | 436 | Mineral Mining And Processing |
| 212312 | Crushed and Broken Limestone Mining and Quarrying | PSC | 436 | Mineral Mining And Processing |
| 212313 | Crushed and Broken Granite Mining and Quarrying | PSC | 436 | Mineral Mining And Processing |
| 212319 | Other Crushed and Broken Stone Mining and Quarrying | PSC | 436 | Mineral Mining And Processing |
| 212321 | Construction Sand and Gravel Mining | PSC | 436 | Mineral Mining And Processing |
| 212322 | Industrial Sand Mining | PSC | 436 | Mineral Mining And Processing |
| 212324 | Kaolin and Ball Clay Mining | PSC | 436 | Mineral Mining And Processing |
| 212325 | Clay and Ceramic and Refractory Minerals Mining | PSC | 436 | Mineral Mining And Processing |
| 212391 | Potash, Soda, and Borate Mineral Mining | PSC | 436 | Mineral Mining And Processing |
| 212392 | Phosphate Rock Mining | PSC | 436 | Mineral Mining And Processing |
| 212393 | Other Chemical and Fertilizer Mineral Mining | PSC | 436 | Mineral Mining And Processing |
| 212399 | All Other Nonmetallic Mineral Mining | PSC | 436 | Mineral Mining And Processing |
| 213112 | Support Activities for Oil and Gas Operations | PSC | 435 | Oil & Gas Extraction |
| 213113 | Support Activities for Coal Mining | NAICS | 12 | Coal Mining |
| 213115 | Support Activities for Nonmetallic Minerals (except Fuels) | PSC | 436 | Mineral Mining And Processing |
| 221111 | Hydroelectric Power Generation | PSC | 423 | Steam Electric Power Generating |
| 221112 | Fossil Fuel Electric Power Generation | PSC | 423 | Steam Electric Power Generating |
| 221113 | Nuclear Electric Power Generation | PSC | 423 | Steam Electric Power Generating |
| 221119 | Other Electric Power Generation | PSC | 423 | Steam Electric Power Generating |
| 221121 | Electric Bulk Power Transmission and Control | PSC | 423 | Steam Electric Power Generating |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|-------------|--|------------------|----------------------------|-----------------------------------|
| 221122 | Electric Power Distribution | PSC | 423 | Steam Electric Power Generating |
| 221310 | Water Supply and Irrigation Systems | PNC | NA | Drinking Water Treatment |
| 221320 | Sewage Treatment Facilities | NAICS | NA | Sewerage Systems |
| 221330 | Steam and Air-Conditioning Supply | PSC | 423 | Steam Electric Power Generating |
| 236117 | New Housing Operative Builders | NAICS | 15 | General Building Contractors |
| 237210 | Land Subdivision | NAICS | 65 | Real Estate |
| 238110 | Poured Concrete Foundation and Structure Contractors | NAICS | 17 | Special Trade Contractors |
| 238140 | Masonry Contractors | NAICS | 17 | Special Trade Contractors |
| 238150 | Glass and Glazing Contractors | NAICS | 17 | Special Trade Contractors |
| 238190 | Other Foundation, Structure, and Building Exterior Contractors | NAICS | 17 | Special Trade Contractors |
| 238210 | Electrical Contractors and Other Wiring Installation Contractors | NAICS | 17 | Special Trade Contractors |
| 238290 | Other Building Equipment Contractors | NAICS | 17 | Special Trade Contractors |
| 238320 | Painting and Wall Covering Contractors | NAICS | 17 | Special Trade Contractors |
| 238350 | Finish Carpentry Contractors | NAICS | 17 | Special Trade Contractors |
| 238390 | Other Building Finishing Contractors | NAICS | 17 | Special Trade Contractors |
| 238990 | All Other Specialty Trade Contractors | NAICS | 17 | Special Trade Contractors |
| 311111 | Dog and Cat Food Manufacturing | PSC | 406 | Grain mills |
| 311119 | Other Animal Food Manufacturing | NAICS | 20 | Food & Kindred Products |
| 311119GRAIN | All Other Specialty Trade Contractors (Grain mill) | PSC | 406 | Grain mills |
| 311119MPP | Other Animal Food Manufacturing (Meat and Poultry Products) | PSC | 432 | Meat and Poultry Products |
| 311119PH | Other Animal Food Manufacturing (Pharmaceutical Manufacturing) | PSC | 439 | Pharmaceutical Manufacturing |
| 311119P | Other Animal Food Manufacturing (Pesticide Chemicals) | PSC | 455 | Pesticide Chemicals |
| 311213 | Malt Manufacturing | PNC | NA | Miscellaneous Foods And Beverages |
| 311221 | Wet Corn Milling | PSC | 406 | Grain mills |
| 311222 | Soybean Processing | PNC | NA | Miscellaneous Foods And Beverages |
| 311223 | Other Oilseed Processing | PNC | NA | Miscellaneous Foods And Beverages |
| 311225 | Fats and Oils Refining and Blending | PNC | NA | Miscellaneous Foods And Beverages |
| 311225FER | Fats and Oils Refining and Blending (Fertilizer Manufacturing) | PSC | 418 | Fertilizer Manufacturing |
| 311230 | Breakfast Cereal Manufacturing | PSC | 406 | Grain mills |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|------------|--|------------------|----------------------------|---|
| 311311 | Sugarcane Mills | PSC | 409 | Sugar Processing |
| 311312 | Cane Sugar Refining | PSC | 409 | Sugar Processing |
| 311313 | Beet Sugar Manufacturing | PSC | 409 | Sugar Processing |
| 311320 | Chocolate and Confectionery Manufacturing from Cacao Beans | PNC | NA | Miscellaneous Foods And Beverages |
| 311330 | Confectionery Manufacturing from Purchased Chocolate | PNC | NA | Miscellaneous Foods And Beverages |
| 311340 | Nonchocolate Confectionery Manufacturing | PNC | NA | Miscellaneous Foods And Beverages |
| 311411 | Frozen Fruit, Juice, and Vegetable Manufacturing | PSC | 407 | Canned And Preserved Fruits And Vegetables Processing |
| 311412 | Frozen Specialty Food Manufacturing | PNC | NA | Miscellaneous Foods And Beverages |
| 311421 | Fruit and Vegetable Canning | PSC | 407 | Canned And Preserved Fruits And Vegetables Processing |
| 311422 | Specialty Canning | PNC | NA | Miscellaneous Foods And Beverages |
| 311423 | Dried and Dehydrated Food Manufacturing | PNC | NA | Miscellaneous Foods And Beverages |
| 311511 | Fluid Milk Manufacturing | PSC | 405 | Dairy products processing |
| 311512 | Creamery Butter Manufacturing | PSC | 405 | Dairy products processing |
| 311513 | Cheese Manufacturing | PSC | 405 | Dairy products processing |
| 311514 | Dry, Condensed, and Evaporated Dairy Product Manufacturing | PSC | 405 | Dairy products processing |
| 311520 | Ice Cream and Frozen Dessert Manufacturing | PSC | 405 | Dairy products processing |
| 311611 | Animal (except Poultry) Slaughtering | PSC | 432 | Meat and Poultry Products |
| 311612 | Meat Processed from Carcasses | PSC | 432 | Meat and Poultry Products |
| 311613 | Rendering and Meat Byproduct Processing | PSC | 432 | Meat and Poultry Products |
| 311615 | Poultry Processing | PSC | 432 | Meat and Poultry Products |
| 311712 | Fresh and Frozen Seafood Processing | PSC | 408 | Canned And Preserved Seafood Processing |
| 311811 | Retail Bakeries | NAICS | 54 | Food Stores |
| 311812 | Commercial Bakeries | PNC | NA | Miscellaneous Foods And Beverages |
| 311813 | Frozen Cakes, Pies, and Other Pastries Manufacturing | PNC | NA | Miscellaneous Foods And Beverages |
| 311821 | Cookie and Cracker Manufacturing | PNC | NA | Miscellaneous Foods And Beverages |
| 311822 | Flour Mixes and Dough Manufacturing from Purchased Flour | PSC | 406 | Grain mills |
| 311823 | Dry Pasta Manufacturing | PNC | NA | Miscellaneous Foods And Beverages |
| 311830 | Tortilla Manufacturing | PNC | NA | Miscellaneous Foods And Beverages |
| 311911 | Roasted Nuts and Peanut Butter Manufacturing | PNC | NA | Miscellaneous Foods And Beverages |
| 311919 | Other Snack Food Manufacturing | PSC | 407 | Canned And Preserved Fruits And Vegetables Processing |
| 311920 | Coffee and Tea Manufacturing | PNC | NA | Miscellaneous Foods And Beverages |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|-------------|---|------------------|----------------------------|---|
| 311930 | Flavoring Syrup and Concentrate Manufacturing | PNC | NA | Miscellaneous Foods And Beverages |
| 311941 | Mayonnaise, Dressing, and Other Prepared Sauce Manufacturing | PSC | 407 | Canned And Preserved Fruits And Vegetables Processing |
| 311942 | Spice and Extract Manufacturing | PNC | NA | Miscellaneous Foods And Beverages |
| 311991 | Perishable Prepared Food Manufacturing | PNC | NA | Miscellaneous Foods And Beverages |
| 311999 | All Other Miscellaneous Food Manufacturing | PNC | NA | Miscellaneous Foods And Beverages |
| 311999MPP | All Other Miscellaneous Food Manufacturing (Meat and Poultry Products) | PSC | 432 | Meat and Poultry Products |
| 311999DPP | All Other Miscellaneous Food Manufacturing (Miscellaneous Foods And Beverages) | PSC | 405 | Dairy products processing |
| 311999GRAIN | All Other Miscellaneous Food Manufacturing (Grain Mills) | PSC | 406 | Grain mills |
| 311999OCPSF | All Other Miscellaneous Food Manufacturing (Organic Chemicals, Plastics And Synthetic Fibers) | PSC | 414 | Organic Chemicals, Plastics And Synthetic Fibers |
| 312111 | Soft Drink Manufacturing | PNC | NA | Miscellaneous Foods And Beverages |
| 312112 | Bottled Water Manufacturing | PNC | NA | Miscellaneous Foods And Beverages |
| 312113 | Ice Manufacturing | PNC | NA | Miscellaneous Foods And Beverages |
| 312120 | Breweries | PNC | NA | Miscellaneous Foods And Beverages |
| 312130 | Wineries | PNC | NA | Miscellaneous Foods And Beverages |
| 312140 | Distilleries | PNC | NA | Miscellaneous Foods And Beverages |
| 312210 | Tobacco Stemming and Redrying | PNC | NA | Tobacco Products |
| 312221 | Cigarette Manufacturing | PNC | NA | Tobacco Products |
| 312229 | Other Tobacco Product Manufacturing | PNC | NA | Tobacco Products |
| 313111 | Yarn Spinning Mills | PSC | 410 | Textile Mills |
| 313112 | Yarn Texturizing, Throwing, and Twisting Mills | PSC | 410 | Textile Mills |
| 313113 | Thread Mills | PSC | 410 | Textile Mills |
| 313210 | Broadwoven Fabric Mills | PSC | 410 | Textile Mills |
| 313221 | Narrow Fabric Mills | PSC | 410 | Textile Mills |
| 313230 | Nonwoven Fabric Mills | PSC | 410 | Textile Mills |
| 313241 | Weft Knit Fabric Mills | PSC | 410 | Textile Mills |
| 313249 | Other Knit Fabric and Lace Mills | PSC | 410 | Textile Mills |
| 313311 | Broadwoven Fabric Finishing Mills | PSC | 410 | Textile Mills |
| 313312 | Textile and Fabric Finishing (except Broadwoven Fabric) Mills | PSC | 410 | Textile Mills |
| 313320 | Fabric Coating Mills | PSC | 410 | Textile Mills |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|------------|--|------------------|----------------------------|----------------------------------|
| 314110 | Carpet and Rug Mills | PSC | 410 | Textile Mills |
| 314129 | Other Household Textile Product Mills | NAICS | 23 | Apparel & Other Textile Products |
| 314911 | Textile Bag Mills | NAICS | 23 | Apparel & Other Textile Products |
| 314992 | Tire Cord and Tire Fabric Mills | PSC | 410 | Textile Mills |
| 314999 | All Other Miscellaneous Textile Product Mills | PSC | 410 | Textile Mills |
| 315111 | Sheer Hosiery Mills | PSC | 410 | Textile Mills |
| 315119 | Other Hosiery and Sock Mills | PSC | 410 | Textile Mills |
| 315191 | Outerwear Knitting Mills | PSC | 410 | Textile Mills |
| 315192 | Underwear and Nightwear Knitting Mills | PSC | 410 | Textile Mills |
| 315221 | Men's and Boys' Cut and Sew Underwear and Nightwear Manufacturing | PSC | 410 | Textile Mills |
| 315223 | Men's and Boys' Cut and Sew Shirt (except Work Shirt) Manufacturing | NAICS | 23 | Apparel & Other Textile Products |
| 315231 | Women's and Girls' Cut and Sew Lingerie, Loungewear, and Nightwear Manufacturing | NAICS | 23 | Apparel & Other Textile Products |
| 315299 | All Other Cut and Sew Apparel Manufacturing | PSC | 428 | Rubber Manufacturing |
| 315992AP | Glove and Mitten Manufacturing (Apparel & Other Textile Products) | NAICS | 23 | Apparel & Other Textile Products |
| 315992 | Glove and Mitten Manufacturing | PSC | 410 | Textile Mills |
| 315992RUB | Glove and Mitten Manufacturing (Rubber Manufacturing) | PSC | 428 | Rubber Manufacturing |
| 315999 | Other Apparel Accessories and Other Apparel Manufacturing | PSC | 410 | Textile Mills |
| 316110 | Leather and Hide Tanning and Finishing | PSC | 425 | Leather Tanning And Finishing |
| 316211 | Rubber and Plastics Footwear Manufacturing | PSC | 428 | Rubber Manufacturing |
| 316213 | Men's Footwear (except Athletic) Manufacturing | NAICS | 31 | Leather & Leather Products |
| 316219 | Other Footwear Manufacturing | NAICS | 31 | Leather & Leather Products |
| 321113-1 | Sawmills (Phase I) | PSC | 430 | Pulp, Paper And Paperboard |
| 321113 | Sawmills | PSC | 429 | Timber Products Processing |
| 321114 | Wood Preservation | PSC | 429 | Timber Products Processing |
| 321211 | Hardwood Veneer and Plywood Manufacturing | PSC | 429 | Timber Products Processing |
| 321212 | Softwood Veneer and Plywood Manufacturing | PSC | 429 | Timber Products Processing |
| 321213 | Engineered Wood Member (except Truss) Manufacturing | PSC | 429 | Timber Products Processing |
| 321214 | Truss Manufacturing | PSC | 429 | Timber Products Processing |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|-------------------|---|-------------------------|-----------------------------------|------------------------------|
| 321219 | Reconstituted Wood Product Manufacturing | PSC | 429 | Timber Products Processing |
| 321911 | Wood Window and Door Manufacturing | PSC | 429 | Timber Products Processing |
| 321991 | Manufactured Home (Mobile Home) Manufacturing | NAICS | 24 | Lumber & Wood Products |
| 321992 | Prefabricated Wood Building Manufacturing | NAICS | 24 | Lumber & Wood Products |
| 321999 | All Other Miscellaneous Wood Product Manufacturing | PSC | 429 | Timber Products Processing |
| 322110-3 | Pulp Mills (Phase III) | PSC | 430 | Pulp, Paper And Paperboard |
| 322110-2 | Pulp Mills (Phase II) | PSC | 430 | Pulp, Paper And Paperboard |
| 322110-1 | Pulp Mills (Phase I) | PSC | 430 | Pulp, Paper And Paperboard |
| 322110 | Pulp Mills | PSC | 430 | Pulp, Paper And Paperboard |
| 322121-2 | Paper (except Newsprint) Mills (Phase II) | PSC | 430 | Pulp, Paper And Paperboard |
| 322121-1 | Paper (except Newsprint) Mills (Phase I) | PSC | 430 | Pulp, Paper And Paperboard |
| 322122-2 | Newsprint Mills (Phase II) | PSC | 430 | Pulp, Paper And Paperboard |
| 322121 | Paper (except Newsprint) Mills | PSC | 430 | Pulp, Paper And Paperboard |
| 322122-1 | Newsprint Mills (Phase I) | PSC | 430 | Pulp, Paper And Paperboard |
| 322122 | Newsprint Mills | PSC | 430 | Pulp, Paper And Paperboard |
| 322130-2 | Paperboard Mills (Phase II) | PSC | 430 | Pulp, Paper And Paperboard |
| 322130-1 | Paperboard Mills (Phase I) | PSC | 430 | Pulp, Paper And Paperboard |
| 322130 | Paperboard Mills | PSC | 430 | Pulp, Paper And Paperboard |
| 322211 | Corrugated and Solid Fiber Box Manufacturing | PSC | 430 | Pulp, Paper And Paperboard |
| 322212 | Folding Paperboard Box Manufacturing | PSC | 430 | Pulp, Paper And Paperboard |
| 322214 | Fiber Can, Tube, Drum, and Similar Products Manufacturing | PSC | 430 | Pulp, Paper And Paperboard |
| 322215 | Nonfolding Sanitary Food Container Manufacturing | PSC | 430 | Pulp, Paper And Paperboard |
| 322221 | Coated and Laminated Packaging Paper Manufacturing | PSC | 430 | Pulp, Paper And Paperboard |
| 322222 | Coated and Laminated Paper Manufacturing | PSC | 430 | Pulp, Paper And Paperboard |
| 322223 | Coated Paper Bag and Pouch Manufacturing | NAICS | 26 | Paper & Allied Products |
| 322224 | Uncoated Paper and Multiwall Bag Manufacturing | PSC | 430 | Pulp, Paper And Paperboard |
| 322225 | Laminated Aluminum Foil Manufacturing for Flexible Packaging Uses | PSC | 433 | Metal Finishing |
| 322226 | Surface-Coated Paperboard Manufacturing | NAICS | 26 | Paper & Allied Products |
| 322231 | Die-Cut Paper and Paperboard Office Supplies Manufacturing | PSC | 430 | Pulp, Paper And Paperboard |
| 322291-2 | Sanitary Paper Product Manufacturing (Phase II) | PSC | 430 | Pulp, Paper And Paperboard |
| 322291 | Sanitary Paper Product Manufacturing | PSC | 430 | Pulp, Paper And Paperboard |
| 322299 | All Other Converted Paper Product Manufacturing | PSC | 430 | Pulp, Paper And Paperboard |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|-------------------|--|-------------------------|-----------------------------------|--|
| 323110 | Commercial Lithographic Printing | PNC | NA | Printing & Publishing |
| 323111 | Commercial Gravure Printing | PNC | NA | Printing & Publishing |
| 323112 | Commercial Flexographic Printing | PNC | NA | Printing & Publishing |
| 323113 | Commercial Screen Printing | PNC | NA | Printing & Publishing |
| 323115 | Digital Printing | PNC | NA | Printing & Publishing |
| 323116 | Manifold Business Forms Printing | PNC | NA | Printing & Publishing |
| 323117 | Books Printing | PNC | NA | Printing & Publishing |
| 323118 | Blankbook, Looseleaf Binders, and Devices Manufacturing | PNC | NA | Printing & Publishing |
| 323119 | Other Commercial Printing | PNC | NA | Printing & Publishing |
| 323121 | Tradebinding and Related Work | PNC | NA | Printing & Publishing |
| 323122 | Prepress Services | PSC | 433 | Metal Finishing |
| 324110 | Petroleum Refineries | PSC | 419 | Petroleum Refining |
| 324121 | Asphalt Paving Mixture and Block Manufacturing | PSC | 443 | Paving And Roofing Materials (Tars And Asphalt) |
| 324122 | Asphalt Shingle and Coating Materials Manufacturing | PSC | 443 | Paving And Roofing Materials (Tars And Asphalt) |
| 324191 | Petroleum Lubricating Oil and Grease Manufacturing | PSC | 419 | Petroleum Refining |
| 324199 | All Other Petroleum and Coal Products Manufacturing | PSC | 419 | Petroleum Refining |
| 324199OCPSF | All Other Petroleum and Coal Products Manufacturing (Organic Chemicals, Plastics And Synthetic Fibers) | PSC | 414 | Organic Chemicals, Plastics And Synthetic Fibers |
| 325110 | Petrochemical Manufacturing | PSC | 414 | Organic Chemicals, Plastics And Synthetic Fibers |
| 325120 | Industrial Gas Manufacturing | PSC | 415 | Inorganic Chemicals Manufacturing |
| 325120OCPSF | Industrial Gas Manufacturing (Organic Chemicals, Plastics, and Synthetic Fibers) | PSC | 414 | Organic Chemicals, Plastics And Synthetic Fibers |
| 325131 | Inorganic Dye and Pigment Manufacturing | PSC | 415 | Inorganic Chemicals Manufacturing |
| 325132 | Synthetic Organic Dye and Pigment Manufacturing | PSC | 414 | Organic Chemicals, Plastics And Synthetic Fibers |
| 325181 | Alkalies and Chlorine Manufacturing | PSC | 415 | Inorganic Chemicals Manufacturing |
| 325182 | Carbon Black Manufacturing | PSC | 458 | Carbon Black Manufacturing |
| 325188 | All Other Basic Inorganic Chemical Manufacturing | PSC | 415 | Inorganic Chemicals Manufacturing |
| 325188NMM | All Other Basic Inorganic Chemical Manufacturing (Nonferrous Metals Manufacturing) | PSC | 421 | Nonferrous Metals Manufacturing |
| 325188OCPSF | All Other Basic Inorganic Chemical Manufacturing (Organic Chemicals, Plastics, and Synthetic Fibers) | PSC | 414 | Organic Chemicals, Plastics And Synthetic Fibers |
| 325188PHOS | All Other Basic Inorganic Chemical Manufacturing (Phosphate Manufacturing) | PSC | 422 | Phosphate Manufacturing |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|-------------------|--|-------------------------|-----------------------------------|--|
| 325188COP | All Other Basic Inorganic Chemical Manufacturing (Copper Forming) | PSC | 468 | Copper forming |
| 325188NMF | All Other Basic Inorganic Chemical Manufacturing (Nonferrous Metals Forming And Metal Powders) | PSC | 471 | Nonferrous Metals Forming And Metal Powders |
| 325188Ph | All Other Basic Inorganic Chemical Manufacturing (Phosphate Manufacturing) | PSC | 439 | Pharmaceutical Manufacturing |
| 325188SD | All Other Basic Inorganic Chemical Manufacturing (Soap And Detergent Manufacturing) | PSC | 417 | Soap And Detergent Manufacturing |
| 325191 | Gum and Wood Chemical Manufacturing | PSC | 454 | Gum And Wood Chemicals Manufacturing |
| 325192 | Cyclic Crude and Intermediate Manufacturing | PSC | 414 | Organic Chemicals, Plastics And Synthetic Fibers |
| 325192P | Cyclic Crude and Intermediate Manufacturing (Pesticide Chemicals) | PSC | 455 | Pesticide Chemicals |
| 325193 | Ethyl Alcohol Manufacturing | PSC | 414 | Organic Chemicals, Plastics And Synthetic Fibers |
| 325199 | All Other Basic Organic Chemical Manufacturing | PSC | 414 | Organic Chemicals, Plastics And Synthetic Fibers |
| 325199P | All Other Basic Organic Chemical Manufacturing (Pesticide Chemicals) | PSC | 455 | Pesticide Chemicals |
| 325211 | Plastics Material and Resin Manufacturing | PSC | 414 | Organic Chemicals, Plastics And Synthetic Fibers |
| 325211P | Plastics Material and Resin Manufacturing (Pesticide Chemicals) | PSC | 455 | Pesticide Chemicals |
| 325212 | Synthetic Rubber Manufacturing | PSC | 428 | Rubber Manufacturing |
| 325221 | Cellulosic Organic Fiber Manufacturing | PSC | 414 | Organic Chemicals, Plastics And Synthetic Fibers |
| 325222 | Noncellulosic Organic Fiber Manufacturing | PSC | 414 | Organic Chemicals, Plastics And Synthetic Fibers |
| 325311 | Nitrogenous Fertilizer Manufacturing | PSC | 418 | Fertilizer Manufacturing |
| 325312 | Phosphatic Fertilizer Manufacturing | PSC | 422 | Phosphate Manufacturing |
| 325314 | Fertilizer (Mixing Only) Manufacturing | PSC | 418 | Fertilizer Manufacturing |
| 325320 | Pesticide and Other Agricultural Chemical Manufacturing | PSC | 455 | Pesticide Chemicals |
| 325411 | Medicinal and Botanical Manufacturing | PSC | 439 | Pharmaceutical Manufacturing |
| 325412 | Pharmaceutical Preparation Manufacturing | PSC | 439 | Pharmaceutical Manufacturing |
| 325412P | Pharmaceutical Preparation Manufacturing (Pesticide Chemicals) | PSC | 455 | Pesticide Chemicals |
| 325413 | In-Vitro Diagnostic Substance Manufacturing | PSC | 439 | Pharmaceutical Manufacturing |
| 325414 | Biological Product (except Diagnostic) Manufacturing | PSC | 439 | Pharmaceutical Manufacturing |
| 325510 | Paint and Coating Manufacturing | PSC | 446 | Paint Formulating |
| 325510CPSF | Paint and Coating Manufacturing (Organic Chemicals, Plastics, and Synthetic Fibers) | PSC | 414 | Organic Chemicals, Plastics And Synthetic Fibers |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|-------------------|--|-------------------------|-----------------------------------|--|
| 325510P | Paint and Coating Manufacturing (Pesticide Chemicals) | PSC | 455 | Pesticide Chemicals |
| 325510CEM | Paint and Coating Manufacturing (Cement Manufacturing) | PSC | 411 | Cement Manufacturing |
| 325510INORG | Paint and Coating Manufacturing (Cement Manufacturing) | PSC | 415 | Inorganic Chemicals Manufacturing |
| 325520 | Adhesive Manufacturing | PSC | 414 | Organic Chemicals, Plastics And Synthetic Fibers |
| 325611 | Soap and Other Detergent Manufacturing | PSC | 417 | Soap And Detergent Manufacturing |
| 325611OCPSF | Soap and Other Detergent Manufacturing (Organic Chemicals, Plastics, and Synthetic Fibers) | PSC | 414 | Organic Chemicals, Plastics And Synthetic Fibers |
| 325611P | Soap and Other Detergent Manufacturing (Pesticide Chemicals) | PSC | 455 | Pesticide Chemicals |
| 325612 | Polish and Other Sanitation Good Manufacturing | PSC | 414 | Organic Chemicals, Plastics And Synthetic Fibers |
| 325613 | Surface Active Agent Manufacturing | PSC | 417 | Soap And Detergent Manufacturing |
| 325620 | Toilet Preparation Manufacturing | PSC | 414 | Organic Chemicals, Plastics And Synthetic Fibers |
| 325910 | Printing Ink Manufacturing | PSC | 447 | Ink Formulating |
| 325920 | Explosives Manufacturing | PSC | 457 | Explosives Manufacturing |
| 325991 | Custom Compounding of Purchased Resins | PSC | 463 | Plastics Molding And Forming |
| 325992 | Photographic Film, Paper, Plate, and Chemical Manufacturing | PSC | 433 | Metal Finishing |
| 325998 | All Other Miscellaneous Chemical Product and Preparation Manufacturing | PSC | 414 | Organic Chemicals, Plastics And Synthetic Fibers |
| 325998INORG | All Other Miscellaneous Chemical Product and Preparation Manufacturing (Inorganic chemicals manufacturing) | PSC | 415 | Inorganic Chemicals Manufacturing |
| 325998MF | All Other Miscellaneous Chemical Product and Preparation Manufacturing (Metal Finishing) | PSC | 433 | Metal Finishing |
| 325998PH | All Other Miscellaneous Chemical Product and Preparation Manufacturing (Pharmaceutical Manufacturing) | PSC | 439 | Pharmaceutical Manufacturing |
| 325998P | All Other Miscellaneous Chemical Product and Preparation Manufacturing (Pesticide Chemicals) | PSC | 455 | Pesticide Chemicals |
| 325998NMF | All Other Miscellaneous Chemical Product and Preparation Manufacturing (Nonferrous Metals Forming And Metal Powders) | PSC | 471 | Nonferrous Metals Forming And Metal Powders |
| 325998BS | All Other Miscellaneous Chemical Product and Preparation Manufacturing (Business Services) | NAICS | 73 | Business Services |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|-------------------|---|-------------------------|-----------------------------------|--|
| 325998SD | All Other Miscellaneous Chemical Product and Preparation Manufacturing (Soap And Detergent Manufacturing) | PSC | 417 | Soap And Detergent Manufacturing |
| 325998PR | All Other Miscellaneous Chemical Product and Preparation Manufacturing (Petroleum Refining) | PSC | 419 | Petroleum Refining |
| 326111 | Plastics Bag and Pouch Manufacturing | NAICS | 26 | Paper & Allied Products |
| 326112 | Plastics Packaging Film and Sheet (including Laminated) Manufacturing | PSC | 430 | Pulp, Paper And Paperboard |
| 326113 | Unlaminated Plastics Film and Sheet (except Packaging) Manufacturing | PSC | 463 | Plastics Molding And Forming |
| 326121 | Unlaminated Plastics Profile Shape Manufacturing | PSC | 463 | Plastics Molding And Forming |
| 326122 | Plastics Pipe and Pipe Fitting Manufacturing | PSC | 463 | Plastics Molding And Forming |
| 326130 | Laminated Plastics Plate, Sheet (except Packaging), and Shape Manufacturing | PSC | 463 | Plastics Molding And Forming |
| 326140 | Polystyrene Foam Product Manufacturing | PSC | 463 | Plastics Molding And Forming |
| 326150 | Urethane and Other Foam Product (except Polystyrene) Manufacturing | PSC | 463 | Plastics Molding And Forming |
| 326160 | Plastics Bottle Manufacturing | PSC | 463 | Plastics Molding And Forming |
| 326191 | Plastics Plumbing Fixture Manufacturing | PSC | 463 | Plastics Molding And Forming |
| 326192 | Resilient Floor Covering Manufacturing | PSC | 443 | Paving And Roofing Materials (Tars And Asphalt) |
| 326199 | All Other Plastics Product Manufacturing | PSC | 463 | Plastics Molding And Forming |
| 326199MF | All Other Plastics Product Manufacturing (Metal Finishing) | PSC | 433 | Metal Finishing |
| 326199MF | All Other Plastics Product Manufacturing (Metal Finishing) | PSC | 433 | Metal Finishing |
| 326199OCPSF | All Other Plastics Product Manufacturing (Organic Chemicals, Plastics And Synthetic Fibers) | PSC | 414 | Organic Chemicals, Plastics And Synthetic Fibers |
| 326199GLASS | All Other Plastics Product Manufacturing (Glass Manufacturing) | PSC | 426 | Glass Manufacturing |
| 326211 | Tire Manufacturing (except Retreading) | PSC | 428 | Rubber Manufacturing |
| 326220 | Rubber and Plastics Hoses and Belting Manufacturing | PSC | 428 | Rubber Manufacturing |
| 326291 | Rubber Product Manufacturing for Mechanical Use | PSC | 428 | Rubber Manufacturing |
| 326299 | All Other Rubber Product Manufacturing | PSC | 428 | Rubber Manufacturing |
| 327111 | Vitreous China Plumbing Fixture and China and Earthenware Bathroom Accessories Manufacturing | PSC | 436 | Mineral Mining And Processing |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|-------------------|--|-------------------------|-----------------------------------|---|
| 327112 | Vitreous China, Fine Earthenware, and Other Pottery Product Manufacturing | PSC | 436 | Mineral Mining And Processing |
| 327113 | Porcelain Electrical Supply Manufacturing | PSC | 436 | Mineral Mining And Processing |
| 327121 | Brick and Structural Clay Tile Manufacturing | PSC | 436 | Mineral Mining And Processing |
| 327122 | Ceramic Wall and Floor Tile Manufacturing | PSC | 436 | Mineral Mining And Processing |
| 327123 | Other Structural Clay Product Manufacturing | PSC | 436 | Mineral Mining And Processing |
| 327124 | Clay Refractory Manufacturing | PSC | 436 | Mineral Mining And Processing |
| 327125 | Nonclay Refractory Manufacturing | PSC | 436 | Mineral Mining And Processing |
| 327211 | Flat Glass Manufacturing | PSC | 426 | Glass Manufacturing |
| 327212 | Other Pressed and Blown Glass and Glassware Manufacturing | PSC | 426 | Glass Manufacturing |
| 327213 | Glass Container Manufacturing | PSC | 426 | Glass Manufacturing |
| 327215 | Glass Product Manufacturing Made of Purchased Glass | PSC | 426 | Glass Manufacturing |
| 327310 | Cement Manufacturing | PSC | 411 | Cement Manufacturing |
| 327320 | Ready-Mix Concrete Manufacturing | PSC | 411 | Cement Manufacturing |
| 327332 | Concrete Pipe Manufacturing | PSC | 411 | Cement Manufacturing |
| 327390 | Other Concrete Product Manufacturing | PSC | 411 | Cement Manufacturing |
| 327410 | Lime Manufacturing | PSC | 436 | Mineral Mining And Processing |
| 327420 | Gypsum Product Manufacturing | PSC | 436 | Mineral Mining And Processing |
| 327910 | Abrasive Product Manufacturing | PSC | 436 | Mineral Mining And Processing |
| 327991 | Cut Stone and Stone Product Manufacturing | NAICS | 32 | Stone, Clay, & Glass Products |
| 327992 | Ground or Treated Mineral and Earth Manufacturing | PSC | 436 | Mineral Mining And Processing |
| 327993 | Mineral Wool Manufacturing | PSC | 426 | Glass Manufacturing |
| 327999 | All Other Miscellaneous Nonmetallic Mineral Product Manufacturing | PSC | 436 | Mineral Mining And Processing |
| 331111 | Iron and Steel Mills | PSC | 420 | Iron And Steel Manufacturing |
| 331111NMF | Iron and Steel Mills (Nonferrous Metals Forming and Metal Powders) | PSC | 471 | Nonferrous Metals Forming And Metal Powders |
| 331111MF | Iron and Steel Mills (Metal Finishing) | PSC | 433 | Metal Finishing |
| 331112 | Electrometallurgical Ferroalloy Product Manufacturing | PSC | 424 | Ferroalloy Manufacturing |
| 331210 | Iron and Steel Pipe and Tube Manufacturing from Purchased Steel | PSC | 420 | Iron And Steel Manufacturing |
| 331221 | Rolled Steel Shape Manufacturing | PSC | 420 | Iron And Steel Manufacturing |
| 331221NMF | Rolled Steel Shape Manufacturing (Nonferrous Metals Forming and Metal Powders) | PSC | 471 | Nonferrous Metals Forming And Metal Powders |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|-------------------|---|-------------------------|-----------------------------------|---|
| 331222 | Steel Wire Drawing | PSC | 420 | Iron And Steel Manufacturing |
| 331311 | Alumina Refining | PSC | 415 | Inorganic Chemicals Manufacturing |
| 331312 | Primary Aluminum Production | PSC | 421 | Nonferrous Metals Manufacturing |
| 331314 | Secondary Smelting and Alloying of Aluminum | PSC | 421 | Nonferrous Metals Manufacturing |
| 331314MMC | Secondary Smelting and Alloying of Aluminum (Metal Molding And Casting [Foundries]) | PSC | 464 | Metal Molding And Casting (Foundries) |
| 331314AL | Secondary Smelting and Alloying of Aluminum (Aluminum Forming) | PSC | 467 | Aluminum forming |
| 331314MF | Secondary Smelting and Alloying of Aluminum (Metal Finishing) | PSC | 433 | Metal Finishing |
| 331315 | Aluminum Sheet, Plate, and Foil Manufacturing | PSC | 467 | Aluminum forming |
| 331316 | Aluminum Extruded Product Manufacturing | PSC | 467 | Aluminum forming |
| 331319 | Other Aluminum Rolling and Drawing | PSC | 467 | Aluminum forming |
| 331411 | Primary Smelting and Refining of Copper | PSC | 421 | Nonferrous Metals Manufacturing |
| 331419 | Primary Smelting and Refining of Nonferrous Metal (except Copper and Aluminum) | PSC | 421 | Nonferrous Metals Manufacturing |
| 331421 | Copper Rolling, Drawing, and Extruding | PSC | 468 | Copper forming |
| 331422 | Copper Wire (except Mechanical) Drawing | PSC | 468 | Copper forming |
| 331423 | Secondary Smelting, Refining, and Alloying of Copper | PSC | 421 | Nonferrous Metals Manufacturing |
| 331423NMF | Secondary Smelting, Refining, and Alloying of Copper (Nonferrous Metals Forming and Metal Powders) | PSC | 471 | Nonferrous Metals Forming And Metal Powders |
| 331423MMC | Secondary Smelting, Refining, and Alloying of Copper (Metal Molding And Casting [Foundries]) | PSC | 464 | Metal Molding And Casting (Foundries) |
| 331491 | Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, and Extruding | PSC | 471 | Nonferrous Metals Forming And Metal Powders |
| 331491NMF | Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, and Extruding (Nonferrous Metals Forming And Metal Powders) | PSC | 471 | Nonferrous Metals Forming And Metal Powders |
| 331491MF | Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, and Extruding (Metal Finishing) | PSC | 433 | Metal Finishing |
| 331492 | Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum) | PSC | 421 | Nonferrous Metals Manufacturing |
| 331492NMF | Secondary Smelting, Refining, and Alloying of Nonferrous Metal (Nonferrous Metals Forming and Metal Powders) | PSC | 471 | Nonferrous Metals Forming And Metal Powders |
| 331492COP | | PSC | 468 | Copper forming |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|-------------------|--|-------------------------|-----------------------------------|---|
| 331511 | Iron Foundries | PSC | 464 | Metal Molding And Casting (Foundries) |
| 331512 | Steel Investment Foundries | PSC | 464 | Metal Molding And Casting (Foundries) |
| 331513 | Steel Foundries (except Investment) | PSC | 464 | Metal Molding And Casting (Foundries) |
| 331521 | Aluminum Die-Casting Foundries | PSC | 467 | Aluminum forming |
| 331521 | Aluminum Die-Casting Foundries | PSC | 421 | Nonferrous Metals Manufacturing |
| 331521MMC | Aluminum Die-Casting Foundries (Metal Molding And Casting [Foundries]) | PSC | 464 | Metal Molding And Casting (Foundries) |
| 331522 | Nonferrous (except Aluminum) Die-Casting Foundries | PSC | 464 | Metal Molding And Casting (Foundries) |
| 331524 | Aluminum Foundries (except Die-Casting) | PSC | 464 | Metal Molding And Casting (Foundries) |
| 331525 | Copper Foundries (except Die-Casting) | PSC | 464 | Metal Molding And Casting (Foundries) |
| 331528 | Other Nonferrous Foundries (except Die-Casting) | PSC | 464 | Metal Molding And Casting (Foundries) |
| 332111 | Iron and Steel Forging | PSC | 433 | Metal Finishing |
| 332112 | Nonferrous Forging | PSC | 467 | Aluminum forming |
| 332112 | Nonferrous Forging | PSC | 468 | Copper forming |
| 332112 | Nonferrous Forging | PSC | 471 | Nonferrous Metals Forming And Metal Powders |
| 332112MF | Nonferrous Forging (Metal Finishing) | PSC | 433 | Metal Finishing |
| 332112IRON | Nonferrous Forging (Iron And Steel Manufacturing) | PSC | 420 | Iron And Steel Manufacturing |
| 332114 | Custom Roll Forming | PSC | 433 | Metal Finishing |
| 332115 | Crown and Closure Manufacturing | PSC | 433 | Metal Finishing |
| 332116 | Metal Stamping | PSC | 433 | Metal Finishing |
| 332117 | Powder Metallurgy Part Manufacturing | PSC | 433 | Metal Finishing |
| 332211 | Cutlery and Flatware (except Precious) Manufacturing | PSC | 433 | Metal Finishing |
| 332212 | Hand and Edge Tool Manufacturing | PSC | 433 | Metal Finishing |
| 332213 | Saw Blade and Handsaw Manufacturing | PSC | 433 | Metal Finishing |
| 332214 | Kitchen Utensil, Pot, and Pan Manufacturing | PSC | 433 | Metal Finishing |
| 332311 | Prefabricated Metal Building and Component Manufacturing | PSC | 433 | Metal Finishing |
| 332312 | Fabricated Structural Metal Manufacturing | PSC | 433 | Metal Finishing |
| 332313 | Plate Work Manufacturing | PSC | 433 | Metal Finishing |
| 332321 | Metal Window and Door Manufacturing | PSC | 433 | Metal Finishing |
| 332322 | Sheet Metal Work Manufacturing | PSC | 433 | Metal Finishing |
| 332323 | Ornamental and Architectural Metal Work Manufacturing | PSC | 433 | Metal Finishing |
| 332410 | Power Boiler and Heat Exchanger Manufacturing | PSC | 433 | Metal Finishing |
| 332420 | Metal Tank (Heavy Gauge) Manufacturing | PSC | 433 | Metal Finishing |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|------------|--|------------------|----------------------------|---|
| 332431 | Metal Can Manufacturing | PSC | 465 | Coil Coating |
| 332439 | Other Metal Container Manufacturing | PSC | 433 | Metal Finishing |
| 332510 | Hardware Manufacturing | PSC | 433 | Metal Finishing |
| 332611 | Spring (Heavy Gauge) Manufacturing | PSC | 433 | Metal Finishing |
| 332612 | Spring (Light Gauge) Manufacturing | PSC | 433 | Metal Finishing |
| 332618 | Other Fabricated Wire Product Manufacturing | PSC | 433 | Metal Finishing |
| 332618IRON | Other Fabricated Wire Product Manufacturing (Iron and Steel Manufacturing) | PSC | 420 | Iron And Steel Manufacturing |
| 332618NMF | Other Fabricated Wire Product Manufacturing (Nonferrous Metals Forming and Metal Powders) | PSC | 471 | Nonferrous Metals Forming And Metal Powders |
| 332618PP | Other Fabricated Wire Product Manufacturing (Printing & Publishing) | PNC | NA | Printing & Publishing |
| 332710 | Machine Shops | PSC | 433 | Metal Finishing |
| 332721 | Precision Turned Product Manufacturing | PSC | 433 | Metal Finishing |
| 332722 | Bolt, Nut, Screw, Rivet, and Washer Manufacturing | PSC | 433 | Metal Finishing |
| 332811 | Metal Heat Treating | PSC | 433 | Metal Finishing |
| 332812 | Metal Coating, Engraving (except Jewelry and Silverware), and Allied Services to Manufacturers | PSC | 433 | Metal Finishing |
| 332813 | Electroplating, Plating, Polishing, Anodizing, and Coloring | PSC | 413 | Electroplating |
| 332813MF | Electroplating, Plating, Polishing, Anodizing, and Coloring (Metal Finishing) | PSC | 433 | Metal Finishing |
| 332813MF | Electroplating, Plating, Polishing, Anodizing, and Coloring (Metal Finishing) | PSC | 433 | Metal Finishing |
| 332813PMF | Electroplating, Plating, Polishing, Anodizing, and Coloring (Plastics Molding And Forming) | PSC | 463 | Plastics Molding And Forming |
| 332813AL | Electroplating, Plating, Polishing, Anodizing, and Coloring (Aluminum forming) | PSC | 467 | Aluminum forming |
| 332813PP | Electroplating, Plating, Polishing, Anodizing, and Coloring (Printing & Publishing) | PNC | NA | Printing & Publishing |
| 332813IRON | Electroplating, Plating, Polishing, Anodizing, and Coloring (Iron and Steel Manufacturing) | PSC | 420 | Iron And Steel Manufacturing |
| 332911 | Industrial Valve Manufacturing | PSC | 433 | Metal Finishing |
| 332912 | Fluid Power Valve and Hose Fitting Manufacturing | PSC | 433 | Metal Finishing |
| 332913 | Plumbing Fixture Fitting and Trim Manufacturing | PSC | 433 | Metal Finishing |
| 332919 | Other Metal Valve and Pipe Fitting Manufacturing | PSC | 433 | Metal Finishing |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|-------------------|--|-------------------------|-----------------------------------|---|
| 332991 | Ball and Roller Bearing Manufacturing | PSC | 433 | Metal Finishing |
| 332992 | Small Arms Ammunition Manufacturing | PSC | 433 | Metal Finishing |
| 332992 | Small Arms Ammunition Manufacturing | PSC | 471 | Nonferrous Metals Forming And Metal Powders |
| 332993 | Ammunition (except Small Arms) Manufacturing | PSC | 433 | Metal Finishing |
| 332993 | Ammunition (except Small Arms) Manufacturing | PSC | 471 | Nonferrous Metals Forming And Metal Powders |
| 332993MF | Small Arms Ammunition Manufacturing (Metal Finishing) | PSC | 433 | Metal Finishing |
| 332994 | Small Arms Manufacturing | PSC | 433 | Metal Finishing |
| 332995 | Other Ordnance and Accessories Manufacturing | PSC | 433 | Metal Finishing |
| 332996 | Fabricated Pipe and Pipe Fitting Manufacturing | PSC | 433 | Metal Finishing |
| 332998 | Enameled Iron and Metal Sanitary Ware Manufacturing | PSC | 433 | Metal Finishing |
| 332999 | All Other Miscellaneous Fabricated Metal Product Manufacturing | PSC | 433 | Metal Finishing |
| 332999DC | All Other Miscellaneous Fabricated Metal Product Manufacturing (DC) | PSC | 433 | Metal Finishing |
| 332999TC | All Other Miscellaneous Fabricated Metal Product Manufacturing (TC) | PSC | 467 | Aluminum forming |
| 332999TC | All Other Miscellaneous Fabricated Metal Product Manufacturing (TC) | PSC | 468 | Copper forming |
| 332999DC | All Other Miscellaneous Fabricated Metal Product Manufacturing (DC) | PSC | 471 | Nonferrous Metals Forming And Metal Powders |
| 332999TC | All Other Miscellaneous Fabricated Metal Product Manufacturing (TC) | PSC | 471 | Nonferrous Metals Forming And Metal Powders |
| 333111 | Farm Machinery and Equipment Manufacturing | PSC | 433 | Metal Finishing |
| 333112 | Lawn and Garden Tractor and Home Lawn and Garden Equipment Manufacturing | PSC | 433 | Metal Finishing |
| 333120 | Construction Machinery Manufacturing | PSC | 433 | Metal Finishing |
| 333131 | Mining Machinery and Equipment Manufacturing | PSC | 433 | Metal Finishing |
| 333132 | Oil and Gas Field Machinery and Equipment Manufacturing | PSC | 433 | Metal Finishing |
| 333210 | Sawmill and Woodworking Machinery Manufacturing | PSC | 433 | Metal Finishing |
| 333220 | Plastics and Rubber Industry Machinery Manufacturing | PSC | 433 | Metal Finishing |
| 333291 | Paper Industry Machinery Manufacturing | PSC | 433 | Metal Finishing |
| 333292 | Textile Machinery Manufacturing | PSC | 433 | Metal Finishing |
| 333293 | Printing Machinery and Equipment Manufacturing | PSC | 433 | Metal Finishing |
| 333294 | Food Product Machinery Manufacturing | PSC | 433 | Metal Finishing |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|-------------------|---|-------------------------|-----------------------------------|------------------------------|
| 333295 | Semiconductor Machinery Manufacturing | PSC | 433 | Metal Finishing |
| 333298 | All Other Industrial Machinery Manufacturing | PSC | 433 | Metal Finishing |
| 333311 | Automatic Vending Machine Manufacturing | PSC | 433 | Metal Finishing |
| 333312 | Commercial Laundry, Drycleaning, and Pressing Machine Manufacturing | PSC | 433 | Metal Finishing |
| 333313 | Office Machinery Manufacturing | PSC | 433 | Metal Finishing |
| 333314 | Optical Instrument and Lens Manufacturing | PSC | 433 | Metal Finishing |
| 333315 | Photographic and Photocopying Equipment Manufacturing | PSC | 433 | Metal Finishing |
| 333319 | Other Commercial and Service Industry Machinery Manufacturing | PSC | 433 | Metal Finishing |
| 333411 | Air Purification Equipment Manufacturing | PSC | 433 | Metal Finishing |
| 333412 | Industrial and Commercial Fan and Blower Manufacturing | PSC | 433 | Metal Finishing |
| 333414 | Heating Equipment (except Warm Air Furnaces) Manufacturing | PSC | 433 | Metal Finishing |
| 333415 | Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing | PSC | 433 | Metal Finishing |
| 333511 | Industrial Mold Manufacturing | PSC | 433 | Metal Finishing |
| 333512 | Machine Tool (Metal Cutting Types) Manufacturing | PSC | 433 | Metal Finishing |
| 333513 | Machine Tool (Metal Forming Types) Manufacturing | PSC | 433 | Metal Finishing |
| 333514 | Special Die and Tool, Die Set, Jig, and Fixture Manufacturing | PSC | 433 | Metal Finishing |
| 333515 | Cutting Tool and Machine Tool Accessory Manufacturing | PSC | 433 | Metal Finishing |
| 333516 | Rolling Mill Machinery and Equipment Manufacturing | PSC | 433 | Metal Finishing |
| 333518 | Other Metalworking Machinery Manufacturing | PSC | 433 | Metal Finishing |
| 333611 | Turbine and Turbine Generator Set Units Manufacturing | PSC | 433 | Metal Finishing |
| 333612 | Speed Changer, Industrial High-Speed Drive, and Gear Manufacturing | PSC | 433 | Metal Finishing |
| 333613 | Mechanical Power Transmission Equipment Manufacturing | PSC | 433 | Metal Finishing |
| 333618 | Other Engine Equipment Manufacturing | PSC | 433 | Metal Finishing |
| 333911 | Pump and Pumping Equipment Manufacturing | PSC | 433 | Metal Finishing |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|-------------------|---|-------------------------|-----------------------------------|--------------------------------------|
| 333912 | Air and Gas Compressor Manufacturing | PSC | 433 | Metal Finishing |
| 333913 | Measuring and Dispensing Pump Manufacturing | PSC | 433 | Metal Finishing |
| 333921 | Elevator and Moving Stairway Manufacturing | PSC | 433 | Metal Finishing |
| 333922 | Conveyor and Conveying Equipment Manufacturing | PSC | 433 | Metal Finishing |
| 333923 | Overhead Traveling Crane, Hoist, and Monorail System Manufacturing | PSC | 433 | Metal Finishing |
| 333924 | Industrial Truck, Tractor, Trailer, and Stacker Machinery Manufacturing | PSC | 433 | Metal Finishing |
| 333991 | Power-Driven Handtool Manufacturing | PSC | 433 | Metal Finishing |
| 333992 | Welding and Soldering Equipment Manufacturing | PSC | 433 | Metal Finishing |
| 333993 | Packaging Machinery Manufacturing | PSC | 433 | Metal Finishing |
| 333994 | Industrial Process Furnace and Oven Manufacturing | PSC | 433 | Metal Finishing |
| 333995 | Fluid Power Cylinder and Actuator Manufacturing | PSC | 433 | Metal Finishing |
| 333996 | Fluid Power Pump and Motor Manufacturing | PSC | 433 | Metal Finishing |
| 333997 | Scale and Balance Manufacturing | PSC | 433 | Metal Finishing |
| 333999 | All Other Miscellaneous General Purpose Machinery Manufacturing | PSC | 433 | Metal Finishing |
| 334111 | Electronic Computer Manufacturing | PSC | 433 | Metal Finishing |
| 334112 | Computer Storage Device Manufacturing | PSC | 433 | Metal Finishing |
| 334119 | Other Computer Peripheral Equipment Manufacturing | PSC | 433 | Metal Finishing |
| 334210 | Telephone Apparatus Manufacturing | PSC | 433 | Metal Finishing |
| 334220 | Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing | PSC | 433 | Metal Finishing |
| 334290 | Other Communications Equipment Manufacturing | PSC | 433 | Metal Finishing |
| 334310 | Audio and Video Equipment Manufacturing | PSC | 433 | Metal Finishing |
| 334411 | Electron Tube Manufacturing | PSC | 469 | Electrical And Electronic Components |
| 334412 | Bare Printed Circuit Board Manufacturing | PSC | 433 | Metal Finishing |
| 334413 | Semiconductor and Related Device Manufacturing | PSC | 469 | Electrical And Electronic Components |
| 334414 | Electronic Capacitor Manufacturing | PSC | 433 | Metal Finishing |
| 334415 | Electronic Resistor Manufacturing | PSC | 433 | Metal Finishing |
| 334416 | Electronic Coil, Transformer, and Other Inductor Manufacturing | PSC | 433 | Metal Finishing |
| 334417 | Electronic Connector Manufacturing | PSC | 433 | Metal Finishing |
| 334418 | Printed Circuit Assembly (Electronic Assembly) Manufacturing | PSC | 433 | Metal Finishing |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|-------------------|--|-------------------------|-----------------------------------|------------------------------|
| 334419 | Other Electronic Component Manufacturing | PSC | 433 | Metal Finishing |
| 334510 | Electromedical and Electrotherapeutic Apparatus Manufacturing | PSC | 433 | Metal Finishing |
| 334511 | Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing | PSC | 433 | Metal Finishing |
| 334512 | Automatic Environmental Control Manufacturing for Residential, Commercial, and Appliance Use | PSC | 433 | Metal Finishing |
| 334513 | Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables | PSC | 433 | Metal Finishing |
| 334514 | Totalizing Fluid Meter and Counting Device Manufacturing | PSC | 433 | Metal Finishing |
| 334515 | Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals | PSC | 433 | Metal Finishing |
| 334516 | Analytical Laboratory Instrument Manufacturing | PSC | 433 | Metal Finishing |
| 334517 | Irradiation Apparatus Manufacturing | PSC | 433 | Metal Finishing |
| 334518 | Watch, Clock, and Part Manufacturing | PSC | 433 | Metal Finishing |
| 334519 | Other Measuring and Controlling Device Manufacturing | PSC | 433 | Metal Finishing |
| 334612 | Prerecorded Compact Disc (except Software), Tape, and Record Reproducing | PSC | 433 | Metal Finishing |
| 334613 | Magnetic and Optical Recording Media Manufacturing | PSC | 433 | Metal Finishing |
| 335110 | Electric Lamp Bulb and Part Manufacturing | PSC | 433 | Metal Finishing |
| 335121 | Residential Electric Lighting Fixture Manufacturing | PSC | 433 | Metal Finishing |
| 335122 | Commercial, Industrial, and Institutional Electric Lighting Fixture Manufacturing | PSC | 433 | Metal Finishing |
| 335129 | Other Lighting Equipment Manufacturing | PSC | 433 | Metal Finishing |
| 335211 | Electric Housewares and Household Fan Manufacturing | PSC | 433 | Metal Finishing |
| 335212 | Household Vacuum Cleaner Manufacturing | PSC | 433 | Metal Finishing |
| 335221 | Household Cooking Appliance Manufacturing | PSC | 466 | Porcelain Enameling |
| 335222 | Household Refrigerator and Home Freezer Manufacturing | PSC | 433 | Metal Finishing |
| 335224 | Household Laundry Equipment Manufacturing | PSC | 433 | Metal Finishing |
| 335228 | Other Major Household Appliance Manufacturing | PSC | 433 | Metal Finishing |
| 335311 | Power, Distribution, and Specialty Transformer Manufacturing | PSC | 433 | Metal Finishing |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|-------------------|--|-------------------------|-----------------------------------|---|
| 335312 | Motor and Generator Manufacturing | PSC | 433 | Metal Finishing |
| 335313 | Switchgear and Switchboard Apparatus Manufacturing | PSC | 433 | Metal Finishing |
| 335314 | Relay and Industrial Control Manufacturing | PSC | 433 | Metal Finishing |
| 335911 | Storage Battery Manufacturing | PSC | 461 | Battery Manufacturing |
| 335912 | Primary Battery Manufacturing | PSC | 461 | Battery Manufacturing |
| 335921 | Fiber Optic Cable Manufacturing | PSC | 426 | Glass Manufacturing |
| 335921 | Fiber Optic Cable Manufacturing | PSC | 463 | Plastics Molding And Forming |
| 335929 | Other Communication and Energy Wire Manufacturing | PSC | 467 | Aluminum forming |
| 335929 | Other Communication and Energy Wire Manufacturing | PSC | 468 | Copper forming |
| 335929 | Other Communication and Energy Wire Manufacturing | PSC | 471 | Nonferrous Metals Forming And Metal Powders |
| 335931 | Current-Carrying Wiring Device Manufacturing | PSC | 433 | Metal Finishing |
| 335932 | Noncurrent-Carrying Wiring Device Manufacturing | PSC | 433 | Metal Finishing |
| 335991 | Carbon and Graphite Product Manufacturing | PSC | 433 | Metal Finishing |
| 335999 | All Other Miscellaneous Electrical Equipment and Component Manufacturing | PSC | 433 | Metal Finishing |
| 336111 | Automobile Manufacturing | PSC | 433 | Metal Finishing |
| 336112 | Light Truck and Utility Vehicle Manufacturing | PSC | 433 | Metal Finishing |
| 336120 | Heavy Duty Truck Manufacturing | PSC | 433 | Metal Finishing |
| 336211 | Motor Vehicle Body Manufacturing | PSC | 433 | Metal Finishing |
| 336212 | Truck Trailer Manufacturing | PSC | 433 | Metal Finishing |
| 336213 | Motor Home Manufacturing | PSC | 433 | Metal Finishing |
| 336214 | Travel Trailer and Camper Manufacturing | PSC | 433 | Metal Finishing |
| 336311 | Carburetor, Piston, Piston Ring, and Valve Manufacturing | PSC | 433 | Metal Finishing |
| 336312 | Gasoline Engine and Engine Parts Manufacturing | PSC | 433 | Metal Finishing |
| 336321 | Vehicular Lighting Equipment Manufacturing | PSC | 433 | Metal Finishing |
| 336322 | Other Motor Vehicle Electrical and Electronic Equipment Manufacturing | PSC | 433 | Metal Finishing |
| 336330 | Motor Vehicle Steering and Suspension Components (except Spring) Manufacturing | PSC | 433 | Metal Finishing |
| 336340 | Motor Vehicle Brake System Manufacturing | PSC | 433 | Metal Finishing |
| 336350 | Motor Vehicle Transmission and Power Train Parts Manufacturing | PSC | 433 | Metal Finishing |
| 336360 | Motor Vehicle Seating and Interior Trim Manufacturing | PSC | 410 | Textile Mills |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|-------------------|--|-------------------------|-----------------------------------|------------------------------|
| 336360MF | Motor Vehicle Seating and Interior Trim Manufacturing (Metal Finishing) | PSC | 433 | Metal Finishing |
| 336370 | Motor Vehicle Metal Stamping | PSC | 433 | Metal Finishing |
| 336391 | Motor Vehicle Air-Conditioning Manufacturing | PSC | 433 | Metal Finishing |
| 336399 | All Other Motor Vehicle Parts Manufacturing | PSC | 433 | Metal Finishing |
| 336411 | Aircraft Manufacturing | PSC | 433 | Metal Finishing |
| 336412 | Aircraft Engine and Engine Parts Manufacturing | PSC | 433 | Metal Finishing |
| 336413 | Other Aircraft Parts and Auxiliary Equipment Manufacturing | PSC | 433 | Metal Finishing |
| 336414 | Guided Missile and Space Vehicle Manufacturing | PSC | 433 | Metal Finishing |
| 336415 | Guided Missile and Space Vehicle Propulsion Unit and Propulsion Unit Parts Manufacturing | PSC | 433 | Metal Finishing |
| 336510 | Railroad Rolling Stock Manufacturing | PSC | 433 | Metal Finishing |
| 336611 | Ship Building and Repairing | PSC | 433 | Metal Finishing |
| 336612 | Boat Building | PSC | 433 | Metal Finishing |
| 336991 | Motorcycle, Bicycle, and Parts Manufacturing | PSC | 433 | Metal Finishing |
| 336992 | Military Armored Vehicle, Tank, and Tank Component Manufacturing | PSC | 433 | Metal Finishing |
| 336999 | All Other Transportation Equipment Manufacturing | PSC | 433 | Metal Finishing |
| 337110 | Wood Kitchen Cabinet and Countertop Manufacturing | PSC | 429 | Timber Products Processing |
| 337122 | Nonupholstered Wood Household Furniture Manufacturing | PSC | 429 | Timber Products Processing |
| 337124 | Metal Household Furniture Manufacturing | PSC | 433 | Metal Finishing |
| 337127 | Institutional Furniture Manufacturing | PSC | 433 | Metal Finishing |
| 337129 | Wood Television, Radio, and Sewing Machine Cabinet Manufacturing | PSC | 429 | Timber Products Processing |
| 337211 | Wood Office Furniture Manufacturing | PSC | 429 | Timber Products Processing |
| 337212 | Custom Architectural Woodwork and Millwork Manufacturing | PSC | 429 | Timber Products Processing |
| 337214 | Office Furniture (except Wood) Manufacturing | PSC | 433 | Metal Finishing |
| 337215 | Showcase, Partition, Shelving, and Locker Manufacturing | PSC | 433 | Metal Finishing |
| 337215TIM | Showcase, Partition, Shelving, and Locker Manufacturing (Timber Products Processing) | PSC | 429 | Timber Products Processing |
| 337920 | Blind and Shade Manufacturing | PSC | 433 | Metal Finishing |
| 339111 | Laboratory apparatus and furniture manufacturing | PSC | 433 | Metal Finishing |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|-------------|--|------------------|----------------------------|--|
| 339112 | Surgical and Medical Instrument Manufacturing | PSC | 433 | Metal Finishing |
| 339113 | Surgical Appliance and Supplies Manufacturing | PSC | 433 | Metal Finishing |
| 339114 | Dental Equipment and Supplies Manufacturing | PSC | 433 | Metal Finishing |
| 339115 | Ophthalmic Goods Manufacturing | PSC | 433 | Metal Finishing |
| 339911 | Jewelry (except Costume) Manufacturing | PSC | 433 | Metal Finishing |
| 339912 | Silverware and Hollowware Manufacturing | PSC | 433 | Metal Finishing |
| 339913 | Jewelers' Material and Lapidary Work Manufacturing | PSC | 433 | Metal Finishing |
| 339914 | Costume Jewelry and Novelty Manufacturing | PSC | 433 | Metal Finishing |
| 339920 | Sporting and Athletic Goods Manufacturing | PSC | 433 | Metal Finishing |
| 339941 | Pen and Mechanical Pencil Manufacturing | PSC | 433 | Metal Finishing |
| 339943 | Marking Device Manufacturing | PSC | 433 | Metal Finishing |
| 339944 | Carbon Paper and Inked Ribbon Manufacturing | NAICS | 39 | Misc. Manuf. Industries |
| 339950 | Sign Manufacturing | PSC | 433 | Metal Finishing |
| 339991 | Gasket, Packing, and Sealing Device Manufacturing | PSC | 428 | Rubber Manufacturing |
| 339992 | Musical Instrument Manufacturing | PSC | 433 | Metal Finishing |
| 339993 | Fastener, Button, Needle, and Pin Manufacturing | PSC | 433 | Metal Finishing |
| 339995 | Burial Casket Manufacturing | PSC | 433 | Metal Finishing |
| 339999 | All Other Miscellaneous Manufacturing | PSC | 433 | Metal Finishing |
| 339999MIN | All Other Miscellaneous Manufacturing (Mineral Mining And Processing\) | PSC | 436 | Mineral Mining And Processing |
| 339999P | All Other Miscellaneous Manufacturing (Pesticide Chemicals) | PSC | 455 | Pesticide Chemicals |
| 339999PMF | All Other Miscellaneous Manufacturing (Plastics Molding And Forming) | PSC | 463 | Plastics Molding And Forming |
| 339999NMF | All Other Miscellaneous Manufacturing (Nonferrous Metals Forming And Metal Powders) | PSC | 471 | Nonferrous Metals Forming And Metal Powders |
| 339999OCPSF | All Other Miscellaneous Manufacturing (Organic Chemicals, Plastics And Synthetic Fibers) | PSC | 414 | Organic Chemicals, Plastics And Synthetic Fibers |
| 423110 | Automobile and Other Motor Vehicle Merchant Wholesalers | NAICS | 50 | Wholesale Trade- Durable Goods |
| 423120 | Motor Vehicle Supplies and New Parts Merchant Wholesalers | NAICS | 50 | Wholesale Trade- Durable Goods |
| 423140 | Motor Vehicle Parts (Used) Merchant Wholesalers | NAICS | 50 | Wholesale Trade- Durable Goods |
| 423310 | Lumber, Plywood, Millwork, and Wood Panel Merchant Wholesalers | NAICS | 50 | Wholesale Trade- Durable Goods |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|-------------------|--|-------------------------|-----------------------------------|-----------------------------------|
| 423320 | Brick, Stone, and Related Construction Material Merchant Wholesalers | PSC | 436 | Mineral Mining And Processing |
| 423450 | Medical, Dental, and Hospital Equipment and Supplies Merchant Wholesalers | NAICS | 50 | Wholesale Trade- Durable Goods |
| 423510 | Metal Service Centers and Other Metal Merchant Wholesalers | NAICS | 50 | Wholesale Trade- Durable Goods |
| 423520 | Coal and Other Mineral and Ore Merchant Wholesalers | NAICS | 50 | Wholesale Trade- Durable Goods |
| 423620 | Electrical and Electronic Appliance, Television, and Radio Set Merchant Wholesalers | NAICS | 50 | Wholesale Trade- Durable Goods |
| 423690 | Other Electronic Parts and Equipment Merchant Wholesalers | NAICS | 50 | Wholesale Trade- Durable Goods |
| 423810 | Construction and Mining (except Oil Well) Machinery and Equipment Merchant Wholesalers | NAICS | 50 | Wholesale Trade- Durable Goods |
| 423830 | Industrial Machinery and Equipment Merchant Wholesalers | NAICS | 50 | Wholesale Trade- Durable Goods |
| 423840 | Industrial Supplies Merchant Wholesalers | NAICS | 50 | Wholesale Trade- Durable Goods |
| 423860 | Transportation Equipment and Supplies (except Motor Vehicle) Merchant Wholesalers | NAICS | 50 | Wholesale Trade- Durable Goods |
| 423910 | Sporting and Recreational Goods and Supplies Merchant Wholesalers | NAICS | 50 | Wholesale Trade- Durable Goods |
| 423920 | Toy and Hobby Goods and Supplies Merchant Wholesalers | NAICS | 50 | Wholesale Trade- Durable Goods |
| 423930 | Recyclable Material Merchant Wholesalers | NAICS | 50 | Wholesale Trade- Durable Goods |
| 424210 | Drugs and Druggists' Sundries Merchant Wholesalers | NAICS | 51 | Wholesale Trade- Nondurable Goods |
| 424310 | Piece Goods, Notions, and Other Dry Goods Merchant Wholesalers | NAICS | 51 | Wholesale Trade- Nondurable Goods |
| 424340 | Footwear Merchant Wholesalers | NAICS | 51 | Wholesale Trade- Nondurable Goods |
| 424410 | General Line Grocery Merchant Wholesalers | NAICS | 51 | Wholesale Trade- Nondurable Goods |
| 424430 | Dairy Product (except Dried or Canned) Merchant Wholesalers | NAICS | 51 | Wholesale Trade- Nondurable Goods |
| 424440 | Poultry and Poultry Product Merchant Wholesalers | PNC | NA | Miscellaneous Foods And Beverages |
| 424460 | Fish and Seafood Merchant Wholesalers | NAICS | 51 | Wholesale Trade- Nondurable Goods |
| 424490 | Other Grocery and Related Products Merchant Wholesalers | NAICS | 51 | Wholesale Trade- Nondurable Goods |
| 424510 | Grain and Field Bean Merchant Wholesalers | NAICS | 51 | Wholesale Trade- Nondurable Goods |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|-------------------|--|-------------------------|-----------------------------------|--|
| 424590 | Other Farm Product Raw Material Merchant Wholesalers | PSC | 406 | Grain mills |
| 424610 | Plastics Materials and Basic Forms and Shapes Merchant Wholesalers | NAICS | 51 | Wholesale Trade- Nondurable Goods |
| 424690 | Other Chemical and Allied Products Merchant Wholesalers | PSC | 414 | Organic Chemicals, Plastics And Synthetic Fibers |
| 424690P | Other Chemical and Allied Products Merchant Wholesalers (Pesticide Chemicals) | PSC | 455 | Pesticide Chemicals |
| 424710 | Petroleum Bulk Stations and Terminals | PSC | 419 | Petroleum Refining |
| 424720 | Petroleum and Petroleum Products Merchant Wholesalers (except Bulk Stations and Terminals) | NAICS | 51 | Wholesale Trade- Nondurable Goods |
| 424820 | Wine and Distilled Alcoholic Beverage Merchant Wholesalers | PNC | NA | Miscellaneous Foods And Beverages |
| 424910 | Farm Supplies Merchant Wholesalers | NAICS | 51 | Wholesale Trade- Nondurable Goods |
| 424920 | Book, Periodical, and Newspaper Merchant Wholesalers | NAICS | 51 | Wholesale Trade- Nondurable Goods |
| 424990 | Other Miscellaneous Nondurable Goods Merchant Wholesalers | NAICS | 51 | Wholesale Trade- Nondurable Goods |
| 441110 | New Car Dealers | NAICS | 55 | Automotive Dealers & Service Stations |
| 441221 | Motorcycle, ATV, and Personal Watercraft Dealers | NAICS | 55 | Automotive Dealers & Service Stations |
| 441222 | Boat Dealers | NAICS | 55 | Automotive Dealers & Service Stations |
| 441229 | All Other Motor Vehicle Dealers | NAICS | 55 | Automotive Dealers & Service Stations |
| 441320 | Tire Dealers | NAICS | 55 | Automotive Dealers & Service Stations |
| 442291 | Window Treatment Stores | NAICS | 57 | Furniture & Homefurnishings Stores |
| 444110 | Home Centers | NAICS | 50 | Wholesale Trade- Durable Goods |
| 444130 | Hardware Stores | PSC | 442 | Transportation Equipment Cleaning |
| 444210 | Outdoor Power Equipment Stores | PSC | 442 | Transportation Equipment Cleaning |
| 445120 | Convenience Stores | NAICS | 54 | Food Stores |
| 445210 | Meat Markets | PNC | NA | Miscellaneous Foods And Beverages |
| 445220 | Fish and Seafood Markets | NAICS | 51 | Wholesale Trade- Nondurable Goods |
| 445230 | Fruit and Vegetable Markets | NAICS | 54 | Food Stores |
| 445291 | Baked Goods Stores | NAICS | 54 | Food Stores |
| 445292 | Confectionery and Nut Stores | NAICS | 54 | Food Stores |
| 445299 | All Other Specialty Food Stores | NAICS | 51 | Wholesale Trade- Nondurable Goods |
| 446110 | Pharmacies and Drug Stores | NAICS | 51 | Wholesale Trade- Nondurable Goods |
| 446130 | Optical Goods Stores | NAICS | 59 | Miscellaneous Retail |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|------------|---|------------------|----------------------------|---|
| 446191 | Food (Health) Supplement Stores | NAICS | 51 | Wholesale Trade- Nondurable Goods |
| 447190 | Other Gasoline Stations | NAICS | 55 | Automotive Dealers & Service Stations |
| 451120 | Hobby, Toy, and Game Stores | NAICS | 50 | Wholesale Trade- Durable Goods |
| 451211 | Book Stores | NAICS | 51 | Wholesale Trade- Nondurable Goods |
| 452111 | Department Stores (except Discount Department Stores) | NAICS | 53 | General Merchandise Stores |
| 452112 | Discount Department Stores | NAICS | 53 | General Merchandise Stores |
| 452910 | Warehouse Clubs and Supercenters | NAICS | 54 | Food Stores |
| 453220 | Gift, Novelty, and Souvenir Stores | NAICS | 51 | Wholesale Trade- Nondurable Goods |
| 453920 | Art Dealers | NAICS | 59 | Miscellaneous Retail |
| 453930 | Manufactured (Mobile) Home Dealers | NAICS | 52 | Building Materials & Gardening Supplies |
| 453991 | Tobacco Stores | NAICS | 51 | Wholesale Trade- Nondurable Goods |
| 454319 | Other Fuel Dealers | NAICS | 59 | Miscellaneous Retail |
| 454390 | Other Direct Selling Establishments | NAICS | 54 | Food Stores |
| 481111 | Scheduled Passenger Air Transportation | NAICS | 45 | Transportation By Air |
| 481112 | Scheduled Freight Air Transportation | NAICS | 45 | Transportation By Air |
| 481219 | Other Nonscheduled Air Transportation | NAICS | 79 | Amusement & Recreation Services |
| 482111 | Line-Haul Railroads | PSC | 433 | Metal Finishing |
| 482112 | Short Line Railroads | PSC | 433 | Metal Finishing |
| 483111 | Deep Sea Freight Transportation | NAICS | 44 | Water Transportation |
| 484110 | General Freight Trucking, Local | NAICS | 42 | Trucking & Warehousing |
| 484121 | General Freight Trucking, Long-Distance, Truckload | NAICS | 42 | Trucking & Warehousing |
| 484122 | General Freight Trucking, Long-Distance, Less Than Truckload | NAICS | 42 | Trucking & Warehousing |
| 484210 | Used Household and Office Goods Moving | NAICS | 42 | Trucking & Warehousing |
| 484220 | Specialized Freight (except Used Goods) Trucking, Local | NAICS | 42 | Trucking & Warehousing |
| 484230 | Specialized Freight (except Used Goods) Trucking, Long-Distance | NAICS | 42 | Trucking & Warehousing |
| 485111 | Mixed Mode Transit Systems | NAICS | 41 | Local & Interurban Passenger Transit |
| 485112 | Commuter Rail Systems | NAICS | 41 | Local & Interurban Passenger Transit |
| 485113 | Bus and Other Motor Vehicle Transit Systems | NAICS | 41 | Local & Interurban Passenger Transit |
| 485119 | Other Urban Transit Systems | NAICS | 41 | Local & Interurban Passenger Transit |
| 485320 | Limousine Service | NAICS | 41 | Local & Interurban Passenger Transit |
| 485410 | School and Employee Bus Transportation | NAICS | 41 | Local & Interurban Passenger Transit |
| 485991 | Special Needs Transportation | NAICS | 41 | Local & Interurban Passenger Transit |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|-------------------|---|-------------------------|-----------------------------------|--------------------------------------|
| 485999 | All Other Transit and Ground Passenger Transportation | NAICS | 41 | Local & Interurban Passenger Transit |
| 486110 | Pipeline Transportation of Crude Oil | PSC | 419 | Petroleum Refining |
| 486210 | Pipeline Transportation of Natural Gas | NAICS | 49 | Electric, Gas, & Sanitary Services |
| 486910 | Pipeline Transportation of Refined Petroleum Products | NAICS | 46 | Pipelines, Except Natural Gas |
| 486990 | All Other Pipeline Transportation | NAICS | 46 | Pipelines, Except Natural Gas |
| 487210 | Scenic and Sightseeing Transportation, Water | NAICS | 79 | Amusement & Recreation Services |
| 487990 | Scenic and Sightseeing Transportation, Other | NAICS | 79 | Amusement & Recreation Services |
| 488190 | Other Support Activities for Air Transportation | PNC | NA | Airport Deicing |
| 488310 | Port and Harbor Operations | PSC | 442 | Transportation Equipment Cleaning |
| 488320 | Marine Cargo Handling | PSC | 442 | Transportation Equipment Cleaning |
| 488410 | Motor Vehicle Towing | NAICS | 75 | Auto Repair, Services, & Parking |
| 488510 | Freight Transportation Arrangement | NAICS | 47 | Transportation Services |
| 488991 | Packing and Crating | NAICS | 47 | Transportation Services |
| 488999 | All Other Support Activities for Transportation | NAICS | 47 | Transportation Services |
| 492210 | Local Messengers and Local Delivery | NAICS | 42 | Trucking & Warehousing |
| 493110 | General Warehousing and Storage | NAICS | 42 | Trucking & Warehousing |
| 493120 | Refrigerated Warehousing and Storage | NAICS | 42 | Trucking & Warehousing |
| 493130 | Farm Product Warehousing and Storage | NAICS | 42 | Trucking & Warehousing |
| 493190 | Other Warehousing and Storage | NAICS | 42 | Trucking & Warehousing |
| 511110 | Newspaper Publishers | PNC | NA | Printing & Publishing |
| 511120 | Periodical Publishers | PNC | NA | Printing & Publishing |
| 511130 | Book Publishers | PNC | NA | Printing & Publishing |
| 511191 | Greeting Card Publishers | PNC | NA | Printing & Publishing |
| 512210 | Record Production | NAICS | 89 | Services, Not Elsewhere Classified |
| 512220 | Integrated Record Production/Distribution | PSC | 433 | Metal Finishing |
| 512240 | Sound Recording Studios | NAICS | 73 | Business Services |
| 512290 | Other Sound Recording Industries | NAICS | 73 | Business Services |
| 515111 | Radio Networks | NAICS | 48 | Communications |
| 515112 | Radio Stations | NAICS | 48 | Communications |
| 516110 | Internet publishing and broadcasting | PNC | NA | Printing & Publishing |
| 517110 | Wired Telecommunications Carriers | NAICS | 48 | Communications |
| 517211 | Paging Network | NAICS | 48 | Communications |
| 517212 | Cellular and Other Wireless Telecommunications | NAICS | 48 | Communications |
| 517310 | Telecommunications Resellers | NAICS | 48 | Communications |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|-------------------|--|-------------------------|-----------------------------------|------------------------------------|
| 518112 | Web Serach Portals (Services, Not Elsewhere Classified) | NAICS | 89 | Services, Not Elsewhere Classified |
| 518210 | Data Processing, Hosting, and Related Services | NAICS | 73 | Business Services |
| 519120 | Libraries and Archives | NAICS | 82 | Educational Services |
| 519190 | All Other Information Services | NAICS | 73 | Business Services |
| 522110 | Commercial Banking | NAICS | 60 | Depository Institutions |
| 522130 | Credit Unions | NAICS | 60 | Depository Institutions |
| 522190 | Other Depository Credit Intermediation | NAICS | 60 | Depository Institutions |
| 522220 | Sales Financing | NAICS | 61 | Nondepository Institutions |
| 522291 | Consumer Lending | NAICS | 61 | Nondepository Institutions |
| 522292 | Real Estate Credit | NAICS | 61 | Nondepository Institutions |
| 522298 | All Other Nondepository Credit Intermediation | NAICS | 61 | Nondepository Institutions |
| 522320 | Financial Transactions Processing, Reserve, and Clearinghouse Activities | NAICS | 73 | Business Services |
| 522390 | Other Activities Related to Credit Intermediation | NAICS | 61 | Nondepository Institutions |
| 523110 | Investment Banking and Securities Dealing | NAICS | 62 | Security & Commodity Brokers |
| 523120 | Securities Brokerage | NAICS | 62 | Security & Commodity Brokers |
| 523910 | Miscellaneous Intermediation | NAICS | 62 | Security & Commodity Brokers |
| 523999 | Miscellaneous Financial Investment Activities | NAICS | 62 | Security & Commodity Brokers |
| 524126 | Direct Property and Casualty Insurance Carriers | NAICS | 63 | Insurance Carriers |
| 524128 | Other Direct Insurance (except Life, Health, and Medical) Carriers | NAICS | 63 | Insurance Carriers |
| 524130 | Reinsurance Carriers | NAICS | 63 | Insurance Carriers |
| 531110 | Lessors of Residential Buildings and Dwellings | NAICS | 65 | Real Estate |
| 531120 | Lessors of Nonresidential Buildings (except Miniwarehouses) | NAICS | 65 | Real Estate |
| 531130 | Lessors of Miniwarehouses and Self-Storage Units | NAICS | 42 | Trucking & Warehousing |
| 531190 | Lessors of Other Real Estate Property | NAICS | 65 | Real Estate |
| 531210 | Offices of Real Estate Agents and Brokers | NAICS | 65 | Real Estate |
| 531311 | Residential Property Managers | NAICS | 65 | Real Estate |
| 531312 | Nonresidential Property Managers | NAICS | 65 | Real Estate |
| 531320 | Offices of Real Estate Appraisers | NAICS | 65 | Real Estate |
| 531390 | Other Activities Related to Real Estate | NAICS | 65 | Real Estate |
| 532120 | Truck, Utility Trailer, and RV (Recreational Vehicle) Rental and Leasing | NAICS | 75 | Auto Repair, Services, & Parking |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|-------------------|---|-------------------------|-----------------------------------|------------------------------------|
| 532210 | Consumer Electronics and Appliances Rental | NAICS | 73 | Business Services |
| 532220 | Formal Wear and Costume Rental | NAICS | 72 | Personal Services |
| 532292 | Recreational Goods Rental | NAICS | 79 | Amusement & Recreation Services |
| 532299 | All Other Consumer Goods Rental | NAICS | 73 | Business Services |
| 532310 | General Rental Centers | NAICS | 73 | Business Services |
| 532412 | Construction, Mining, and Forestry Machinery and Equipment Rental and Leasing | NAICS | 73 | Business Services |
| 532420 | Office Machinery and Equipment Rental and Leasing | NAICS | 73 | Business Services |
| 532490 | Other Commercial and Industrial Machinery and Equipment Rental and Leasing | NAICS | 73 | Business Services |
| 541199 | All Other Legal Services | NAICS | 73 | Business Services |
| 541320 | Landscape Architectural Services | NAICS | 87 | Engineering & Management Services |
| 541330 | Engineering Services | NAICS | 87 | Engineering & Management Services |
| 541340 | Drafting Services | NAICS | 73 | Business Services |
| 541350 | Building Inspection Services | NAICS | 73 | Business Services |
| 541370 | Surveying and Mapping (except Geophysical) Services | NAICS | 73 | Business Services |
| 541380 | Testing Laboratories | PNC | NA | Independent And Stand Alone Labs |
| 541410 | Interior Design Services | NAICS | 73 | Business Services |
| 541420 | Industrial Design Services | NAICS | 73 | Business Services |
| 541430 | Graphic Design Services | PSC | 460 | Hospital |
| 541490 | Other Specialized Design Services | NAICS | 73 | Business Services |
| 541612 | Human Resources Consulting Services | NAICS | 89 | Services, Not Elsewhere Classified |
| 541614 | Process, Physical Distribution, and Logistics Consulting Services | NAICS | 47 | Transportation Services |
| 541618 | Other Management Consulting Services | NAICS | 87 | Engineering & Management Services |
| 541620 | Environmental Consulting Services | NAICS | 89 | Services, Not Elsewhere Classified |
| 541710 | Research and Development in the Physical, Engineering, and Life Sciences | PNC | NA | Independent And Stand Alone Labs |
| 541720 | Research and Development in the Social Sciences and Humanities | NAICS | 87 | Engineering & Management Services |
| 541870 | Advertising Material Distribution Services | NAICS | 73 | Business Services |
| 541922 | Commercial Photography | PSC | 460 | Hospital |
| 541930 | Translation and Interpretation Services | NAICS | 73 | Business Services |
| 551111 | Offices of Bank Holding Companies | NAICS | 67 | Holding & Other Investment Offices |
| 561110 | Office Administrative Services | NAICS | 87 | Engineering & Management Services |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|-------------------|---|-------------------------|-----------------------------------|--|
| 561210 | Facilities Support Services | NAICS | 87 | Engineering & Management Services |
| 561310 | Employment Placement Agencies | NAICS | 72 | Personal Services |
| 561410 | Document Preparation Services | NAICS | 73 | Business Services |
| 561421 | Telephone Answering Services | NAICS | 73 | Business Services |
| 561422 | Telemarketing Bureaus and Other Contact Centers | NAICS | 73 | Business Services |
| 561431 | Private Mail Centers | NAICS | 73 | Business Services |
| 561439 | Other Business Service Centers (including Copy Shops) | NAICS | 73 | Business Services |
| 561440 | Collection Agencies | NAICS | 73 | Business Services |
| 561491 | Repossession Services | NAICS | 73 | Business Services |
| 561499 | All Other Business Support Services | NAICS | 73 | Business Services |
| 561510 | Travel Agencies | NAICS | 47 | Transportation Services |
| 561591 | Convention and Visitors Bureaus | NAICS | 73 | Business Services |
| 561622 | Locksmiths | PSC | 442 | Transportation Equipment Cleaning |
| 561710 | Exterminating and Pest Control Services | NAICS | NA | Sanitary Services |
| 561720 | Janitorial Services | PNC | NA | Airport Deicing |
| 561730 | Landscaping Services | NAICS | 7 | Agricultural Services |
| 561910 | Packaging and Labeling Services | NAICS | 73 | Business Services |
| 561920 | Convention and Trade Show Organizers | NAICS | 73 | Business Services |
| 562111 | Solid Waste Collection | NAICS | 42 | Trucking & Warehousing |
| 562112 | Hazardous Waste Collection | NAICS | 42 | Trucking & Warehousing |
| 562119 | Other Waste Collection | NAICS | 42 | Trucking & Warehousing |
| 562211 | Hazardous Waste Treatment and Disposal | PSC | 437 | Centralized Waste Treatment |
| 562211 | Hazardous Waste Treatment and Disposal | PSC | 444 | Waste Combustors |
| 562211 | Hazardous Waste Treatment and Disposal | PSC | 445 | Landfills |
| 562212 | Solid Waste Landfill | PSC | 445 | Landfills |
| 562213 | Solid Waste Combustors and Incinerators | PSC | 444 | Waste Combustors |
| 562219 | Other Nonhazardous Waste Treatment and Disposal | PSC | 444 | Waste Combustors |
| 562219 | Other Nonhazardous Waste Treatment and Disposal | PSC | 437 | Centralized Waste Treatment |
| 562219 | Other Nonhazardous Waste Treatment and Disposal | PSC | 445 | Landfills |
| 562920 | Materials Recovery Facilities | PSC | 414 | Organic Chemicals, Plastics And Synthetic Fibers |
| 611110 | Elementary and Secondary Schools | NAICS | 82 | Educational Services |
| 611210 | Junior Colleges | NAICS | 82 | Educational Services |
| 611310 | Colleges, Universities, and Professional Schools | NAICS | 82 | Educational Services |
| 611430 | Professional and Management Development Training | NAICS | 82 | Educational Services |
| 611511 | Cosmetology and Barber Schools | NAICS | 72 | Personal Services |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|------------|--|------------------|----------------------------|--------------------------------------|
| 611512 | Flight Training | NAICS | 82 | Educational Services |
| 611513 | Apprenticeship Training | NAICS | 82 | Educational Services |
| 611519 | Other Technical and Trade Schools | NAICS | 82 | Educational Services |
| 611630 | Language Schools | NAICS | 82 | Educational Services |
| 611691 | Exam Preparation and Tutoring | NAICS | 82 | Educational Services |
| 611692 | Automobile Driving Schools | NAICS | 82 | Educational Services |
| 621111 | Offices of Physicians (except Mental Health Specialists) | PSC | 460 | Hospital |
| 621112 | Offices of Physicians, Mental Health Specialists | PSC | 460 | Hospital |
| 621410 | Family Planning Centers | PSC | 460 | Hospital |
| 621491 | HMO Medical Centers | PSC | 460 | Hospital |
| 621492 | Kidney Dialysis Centers | PSC | 460 | Hospital |
| 621493 | Freestanding Ambulatory Surgical and Emergency Centers | PSC | 460 | Hospital |
| 621511 | Medical Laboratories | PSC | 460 | Hospital |
| 621512 | Diagnostic Imaging Centers | PSC | 460 | Hospital |
| 621610 | Home Health Care Services | PSC | 460 | Hospital |
| 621910 | Ambulance Services | NAICS | 41 | Local & Interurban Passenger Transit |
| 621991 | Blood and Organ Banks | PSC | 460 | Hospital |
| 621999 | All Other Miscellaneous Ambulatory Health Care Services | PSC | 460 | Hospital |
| 622110 | General Medical and Surgical Hospitals | PSC | 460 | Hospital |
| 622210 | Psychiatric and Substance Abuse Hospitals | PSC | 460 | Hospital |
| 622310 | Specialty (except Psychiatric and Substance Abuse) Hospitals | PSC | 460 | Hospital |
| 623110 | Nursing Care Facilities | PSC | 460 | Hospital |
| 623220 | Residential Mental Health and Substance Abuse Facilities | NAICS | 83 | Social Services |
| 623311 | Continuing Care Retirement Communities | PSC | 460 | Hospital |
| 623312 | Homes for the Elderly | NAICS | 83 | Social Services |
| 623990 | Other Residential Care Facilities | NAICS | 83 | Social Services |
| 624110 | Child and Youth Services | NAICS | 83 | Social Services |
| 624120 | Services for the Elderly and Persons with Disabilities | NAICS | 83 | Social Services |
| 624190 | Other Individual and Family Services | NAICS | 83 | Social Services |
| 624210 | Community Food Services | NAICS | 83 | Social Services |
| 624221 | Temporary Shelters | NAICS | 83 | Social Services |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|-------------------|--|-------------------------|-----------------------------------|--|
| 624229 | Other Community Housing Services | NAICS | 83 | Social Services |
| 624230 | Emergency and Other Relief Services | NAICS | 83 | Social Services |
| 624310 | Vocational Rehabilitation Services | NAICS | 83 | Social Services |
| 624410 | Child Day Care Services | NAICS | 83 | Social Services |
| 711110 | Theater Companies and Dinner Theaters | PNC | NA | Food Service Establishments |
| 711190 | Other Performing Arts Companies | NAICS | 79 | Amusement & Recreation Services |
| 711211 | Sports Teams and Clubs | NAICS | 79 | Amusement & Recreation Services |
| 711212 | Racetracks | NAICS | 79 | Amusement & Recreation Services |
| 711219 | Other Spectator Sports | NAICS | 79 | Amusement & Recreation Services |
| 712110 | Museums | NAICS | 84 | Museums, Botanical, Zoological Gardens |
| 712120 | Historical Sites | NAICS | 84 | Museums, Botanical, Zoological Gardens |
| 712130 | Zoos and Botanical Gardens | NAICS | 84 | Museums, Botanical, Zoological Gardens |
| 713110 | Amusement and Theme Parks | NAICS | 79 | Amusement & Recreation Services |
| 713210 | Casinos (except Casino Hotels) | NAICS | 79 | Amusement & Recreation Services |
| 713290 | Other Gambling Industries | NAICS | 79 | Amusement & Recreation Services |
| 713910 | Golf Courses and Country Clubs | NAICS | 79 | Amusement & Recreation Services |
| 713920 | Skiing Facilities | NAICS | 79 | Amusement & Recreation Services |
| 713930 | Marinas | NAICS | 44 | Water Transportation |
| 713940 | Fitness and Recreational Sports Centers | NAICS | 79 | Amusement & Recreation Services |
| 713950 | Bowling Centers | NAICS | 79 | Amusement & Recreation Services |
| 713990 | All Other Amusement and Recreation Industries | NAICS | 79 | Amusement & Recreation Services |
| 721110 | Hotels (except Casino Hotels) and Motels | NAICS | 70 | Hotels & Other Lodging Places |
| 721120 | Casino Hotels | NAICS | 70 | Hotels & Other Lodging Places |
| 721191 | Bed-and-Breakfast Inns | NAICS | 70 | Hotels & Other Lodging Places |
| 721199 | All Other Traveler Accommodation | NAICS | 70 | Hotels & Other Lodging Places |
| 721211 | RV (Recreational Vehicle) Parks and Campgrounds | NAICS | 70 | Hotels & Other Lodging Places |
| 721214 | Recreational and Vacation Camps (except Campgrounds) | NAICS | 70 | Hotels & Other Lodging Places |
| 721310 | Rooming and Boarding Houses | NAICS | 70 | Hotels & Other Lodging Places |
| 722110 | Full-Service Restaurants | PNC | NA | Food Service Establishments |
| 722211 | Limited-Service Restaurants | PNC | NA | Food Service Establishments |
| 722212 | Cafeterias, Grill Buffets, and Buffets | PNC | NA | Food Service Establishments |
| 722320 | Caterers | PNC | NA | Food Service Establishments |
| 722410 | Drinking Places (Alcoholic Beverages) | NAICS | 58 | Eating & Drinking Places |
| 811111 | General Automotive Repair | NAICS | 75 | Auto Repair, Services, & Parking |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|-------------------|---|-------------------------|-----------------------------------|------------------------------------|
| 811118 | Other Automotive Mechanical and Electrical Repair and Maintenance | NAICS | 75 | Auto Repair, Services, & Parking |
| 811121 | Automotive Body, Paint, and Interior Repair and Maintenance | NAICS | 75 | Auto Repair, Services, & Parking |
| 811122 | Automotive Glass Replacement Shops | NAICS | 75 | Auto Repair, Services, & Parking |
| 811191 | Automotive Oil Change and Lubrication Shops | NAICS | 75 | Auto Repair, Services, & Parking |
| 811192 | Car Washes | NAICS | 75 | Auto Repair, Services, & Parking |
| 811198 | All Other Automotive Repair and Maintenance | NAICS | 75 | Auto Repair, Services, & Parking |
| 811213 | Communication Equipment Repair and Maintenance | NAICS | 76 | Miscellaneous Repair Services |
| 811310 | Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance | PSC | 433 | Metal Finishing |
| 811411 | Home and Garden Equipment Repair and Maintenance | PSC | 442 | Transportation Equipment Cleaning |
| 811420 | Reupholstery and Furniture Repair | PNC | NA | Airport Deicing |
| 811430 | Footwear and Leather Goods Repair | PSC | 442 | Transportation Equipment Cleaning |
| 812112 | Beauty Salons | NAICS | 72 | Personal Services |
| 812113 | Nail Salons | NAICS | 72 | Personal Services |
| 812191 | Diet and Weight Reducing Centers | NAICS | 72 | Personal Services |
| 812199 | Other Personal Care Services | NAICS | 72 | Personal Services |
| 812210 | Funeral Homes and Funeral Services | NAICS | 72 | Personal Services |
| 812310 | Coin-Operated Laundries and Drycleaners | NAICS | 72 | Personal Services |
| 812332 | Industrial Launderers | PNC | NA | Industrial Laundries |
| 812910 | Pet Care (except Veterinary) Services | NAICS | 7 | Agricultural Services |
| 813110 | Religious Organizations | NAICS | 86 | Membership Organizations |
| 813211 | Grantmaking Foundations | NAICS | 67 | Holding & Other Investment Offices |
| 813312 | Environment, Conservation and Wildlife Organizations | NAICS | 86 | Membership Organizations |
| 813319 | Other Social Advocacy Organizations | NAICS | 86 | Membership Organizations |
| 813410 | Civic and Social Organizations | NAICS | 86 | Membership Organizations |
| 813910 | Business Associations | NAICS | 86 | Membership Organizations |
| 813920 | Professional Organizations | NAICS | 86 | Membership Organizations |
| 813930 | Labor Unions and Similar Labor Organizations | NAICS | 86 | Membership Organizations |
| 814110 | Private Households | NAICS | 88 | Private Households |
| 921110 | Executive Offices | NAICS | 91 | Executive, Legislative, & General |
| 921140 | Executive and Legislative Offices, Combined | NAICS | 91 | Executive, Legislative, & General |

Table A-3. NAICS/Point Source Category Crosswalk

| NAICS Code | NAICS Description | Type of Grouping | 40 CFR Part or NAICS Group | Point Source Category |
|-------------------|--|-------------------------|-----------------------------------|---|
| 921150 | American Indian and Alaska Native Tribal Governments | NAICS | 86 | Membership Organizations |
| 921190 | Other General Government Support | NAICS | 91 | Executive, Legislative, & General |
| 922110 | Courts | NAICS | 92 | Justice, Public Order, & Safety |
| 922130 | Legal Counsel and Prosecution | NAICS | 92 | Justice, Public Order, & Safety |
| 922140 | Correctional Institutions | NAICS | 92 | Justice, Public Order, & Safety |
| 922150 | Parole Offices and Probation Offices | NAICS | 83 | Social Services |
| 922160 | Fire Protection | NAICS | 92 | Justice, Public Order, & Safety |
| 922190 | Other Justice, Public Order, and Safety Activities | NAICS | 92 | Justice, Public Order, & Safety |
| 923120 | Administration of Public Health Programs | NAICS | 94 | Administration Of Human Resources |
| 924110 | Administration of Air and Water Resource and Solid Waste Management Programs | NAICS | 95 | Environmental Quality & Housing |
| 924120 | Administration of Conservation Programs | NAICS | 95 | Environmental Quality & Housing |
| 925110 | Administration of Housing Programs | NAICS | 95 | Environmental Quality & Housing |
| 926110 | Administration of General Economic Programs | NAICS | 96 | Administration Of Economic Programs |
| 926120 | Regulation and Administration of Transportation Programs | NAICS | 96 | Administration Of Economic Programs |
| 926140 | Regulation of Agricultural Marketing and Commodities | NAICS | 96 | Administration Of Economic Programs |
| 927110 | Space Research and Technology | NAICS | 96 | Administration Of Economic Programs |
| 928110 | National Security | NAICS | 97 | National Security & International Affairs |

PSC – Point Source Category.

PNC – Potential new category.

REV – Potential effluent limitations guidelines revision.

NEC – Not elsewhere classified.

Table A-4. NAICS Codes Not Assigned to a Point Source Category

| NAICS Code | NAICS Description | Major NAICS Group | Point Source Category |
|-------------------|--|--------------------------|-------------------------------------|
| 111110 | Soybean Farming | 1 | Agricultural Production - Crops |
| 111331 | Apple Orchards | 1 | Agricultural Production - Crops |
| 111339 | Other Noncitrus Fruit Farming | 1 | Agricultural Production - Crops |
| 111411 | Mushroom Production | 1 | Agricultural Production - Crops |
| 111419 | Other Food Crops Grown Under Cover | 1 | Agricultural Production - Crops |
| 111421 | Nursery and Tree Production | 1 | Agricultural Production - Crops |
| 111422 | Floriculture Production | 1 | Agricultural Production - Crops |
| 111930 | Sugarcane Farming | 1 | Agricultural Production - Crops |
| 111991 | Sugar Beet Farming | 1 | Agricultural Production - Crops |
| 112910 | Apiculture | 2 | Agricultural Production - Livestock |
| 113310 | Logging | 24 | Lumber & Wood Products |
| 114111 | Finfish Fishing | 9 | Fishing, Hunting, & Trapping |
| 114112 | Shellfish Fishing | 9 | Fishing, Hunting, & Trapping |
| 115112 | Soil Preparation, Planting, and Cultivating | 7 | Agricultural Services |
| 115114 | Postharvest Crop Activities (except Cotton Ginning) | 7 | Agricultural Services |
| 115310 | Support Activities for Forestry | 8 | Forestry |
| 213113 | Support Activities for Coal Mining | 12 | Coal Mining |
| 221320 | Sewage Treatment Facilities | NA | Sewerage Systems |
| 236117 | New Housing Operative Builders | 15 | General Building Contractors |
| 237210 | Land Subdivision | 65 | Real Estate |
| 238110 | Poured Concrete Foundation and Structure Contractors | 17 | Special Trade Contractors |
| 238140 | Masonry Contractors | 17 | Special Trade Contractors |
| 238150 | Glass and Glazing Contractors | 17 | Special Trade Contractors |
| 238190 | Other Foundation, Structure, and Building Exterior Contractors | 17 | Special Trade Contractors |
| 238210 | Electrical Contractors and Other Wiring Installation Contractors | 17 | Special Trade Contractors |
| 238290 | Other Building Equipment Contractors | 17 | Special Trade Contractors |
| 238320 | Painting and Wall Covering Contractors | 17 | Special Trade Contractors |
| 238350 | Finish Carpentry Contractors | 17 | Special Trade Contractors |
| 238390 | Other Building Finishing Contractors | 17 | Special Trade Contractors |
| 238990 | All Other Specialty Trade Contractors | 17 | Special Trade Contractors |
| 311119 | Other Animal Food Manufacturing | 20 | Food & Kindred Products |
| 311811 | Retail Bakeries | 54 | Food Stores |
| 314129 | Other Household Textile Product Mills | 23 | Apparel & Other Textile Products |
| 314911 | Textile Bag Mills | 23 | Apparel & Other Textile Products |

Table A-4. NAICS Codes Not Assigned to a Point Source Category

| NAICS Code | NAICS Description | Major NAICS Group | Point Source Category |
|-------------------|--|--------------------------|----------------------------------|
| 315223 | Men's and Boys' Cut and Sew Shirt (except Work Shirt) Manufacturing | 23 | Apparel & Other Textile Products |
| 315231 | Women's and Girls' Cut and Sew Lingerie, Loungewear, and Nightwear Manufacturing | 23 | Apparel & Other Textile Products |
| 315992AP | Glove and Mitten Manufacturing (Apparel & Other Textile Products) | 23 | Apparel & Other Textile Products |
| 316213 | Men's Footwear (except Athletic) Manufacturing | 31 | Leather & Leather Products |
| 316219 | Other Footwear Manufacturing | 31 | Leather & Leather Products |
| 321991 | Manufactured Home (Mobile Home) Manufacturing | 24 | Lumber & Wood Products |
| 321992 | Prefabricated Wood Building Manufacturing | 24 | Lumber & Wood Products |
| 322223 | Coated Paper Bag and Pouch Manufacturing | 26 | Paper & Allied Products |
| 322226 | Surface-Coated Paperboard Manufacturing | 26 | Paper & Allied Products |
| 325998BS | All Other Miscellaneous Chemical Product and Preparation Manufacturing (Business Services) | 73 | Business Services |
| 327991 | Cut Stone and Stone Product Manufacturing | 32 | Stone, Clay, & Glass Products |
| 339944 | Carbon Paper and Inked Ribbon Manufacturing | 39 | Misc. Manuf. Industries |
| 423110 | Automobile and Other Motor Vehicle Merchant Wholesalers | 50 | Wholesale Trade- Durable Goods |
| 423120 | Motor Vehicle Supplies and New Parts Merchant Wholesalers | 50 | Wholesale Trade- Durable Goods |
| 423140 | Motor Vehicle Parts (Used) Merchant Wholesalers | 50 | Wholesale Trade- Durable Goods |
| 423310 | Lumber, Plywood, Millwork, and Wood Panel Merchant Wholesalers | 50 | Wholesale Trade- Durable Goods |
| 423450 | Medical, Dental, and Hospital Equipment and Supplies Merchant Wholesalers | 50 | Wholesale Trade- Durable Goods |
| 423510 | Metal Service Centers and Other Metal Merchant Wholesalers | 50 | Wholesale Trade- Durable Goods |
| 423520 | Coal and Other Mineral and Ore Merchant Wholesalers | 50 | Wholesale Trade- Durable Goods |
| 423620 | Electrical and Electronic Appliance, Television, and Radio Set Merchant Wholesalers | 50 | Wholesale Trade- Durable Goods |
| 423690 | Other Electronic Parts and Equipment Merchant Wholesalers | 50 | Wholesale Trade- Durable Goods |
| 423810 | Construction and Mining (except Oil Well) Machinery and Equipment Merchant Wholesalers | 50 | Wholesale Trade- Durable Goods |
| 423830 | Industrial Machinery and Equipment Merchant Wholesalers | 50 | Wholesale Trade- Durable Goods |
| 423840 | Industrial Supplies Merchant Wholesalers | 50 | Wholesale Trade- Durable Goods |
| 423860 | Transportation Equipment and Supplies (except Motor Vehicle) Merchant Wholesalers | 50 | Wholesale Trade- Durable Goods |
| 423910 | Sporting and Recreational Goods and Supplies Merchant Wholesalers | 50 | Wholesale Trade- Durable Goods |
| 423920 | Toy and Hobby Goods and Supplies Merchant Wholesalers | 50 | Wholesale Trade- Durable Goods |
| 423930 | Recyclable Material Merchant Wholesalers | 50 | Wholesale Trade- Durable Goods |

Table A-4. NAICS Codes Not Assigned to a Point Source Category

| NAICS Code | NAICS Description | Major NAICS Group | Point Source Category |
|-------------------|--|--------------------------|---------------------------------------|
| 424210 | Drugs and Druggists' Sundries Merchant Wholesalers | 51 | Wholesale Trade- Nondurable Goods |
| 424310 | Piece Goods, Notions, and Other Dry Goods Merchant Wholesalers | 51 | Wholesale Trade- Nondurable Goods |
| 424340 | Footwear Merchant Wholesalers | 51 | Wholesale Trade- Nondurable Goods |
| 424410 | General Line Grocery Merchant Wholesalers | 51 | Wholesale Trade- Nondurable Goods |
| 424430 | Dairy Product (except Dried or Canned) Merchant Wholesalers | 51 | Wholesale Trade- Nondurable Goods |
| 424460 | Fish and Seafood Merchant Wholesalers | 51 | Wholesale Trade- Nondurable Goods |
| 424490 | Other Grocery and Related Products Merchant Wholesalers | 51 | Wholesale Trade- Nondurable Goods |
| 424510 | Grain and Field Bean Merchant Wholesalers | 51 | Wholesale Trade- Nondurable Goods |
| 424610 | Plastics Materials and Basic Forms and Shapes Merchant Wholesalers | 51 | Wholesale Trade- Nondurable Goods |
| 424720 | Petroleum and Petroleum Products Merchant Wholesalers (except Bulk Stations and Terminals) | 51 | Wholesale Trade- Nondurable Goods |
| 424910 | Farm Supplies Merchant Wholesalers | 51 | Wholesale Trade- Nondurable Goods |
| 424920 | Book, Periodical, and Newspaper Merchant Wholesalers | 51 | Wholesale Trade- Nondurable Goods |
| 424990 | Other Miscellaneous Nondurable Goods Merchant Wholesalers | 51 | Wholesale Trade- Nondurable Goods |
| 441110 | New Car Dealers | 55 | Automotive Dealers & Service Stations |
| 441221 | Motorcycle, ATV, and Personal Watercraft Dealers | 55 | Automotive Dealers & Service Stations |
| 441222 | Boat Dealers | 55 | Automotive Dealers & Service Stations |
| 441229 | All Other Motor Vehicle Dealers | 55 | Automotive Dealers & Service Stations |
| 441320 | Tire Dealers | 55 | Automotive Dealers & Service Stations |
| 442291 | Window Treatment Stores | 57 | Furniture & Homefurnishings Stores |
| 444110 | Home Centers | 50 | Wholesale Trade- Durable Goods |
| 445120 | Convenience Stores | 54 | Food Stores |
| 445220 | Fish and Seafood Markets | 51 | Wholesale Trade- Nondurable Goods |
| 445230 | Fruit and Vegetable Markets | 54 | Food Stores |
| 445291 | Baked Goods Stores | 54 | Food Stores |
| 445292 | Confectionery and Nut Stores | 54 | Food Stores |
| 445299 | All Other Specialty Food Stores | 51 | Wholesale Trade- Nondurable Goods |
| 446110 | Pharmacies and Drug Stores | 51 | Wholesale Trade- Nondurable Goods |
| 446130 | Optical Goods Stores | 59 | Miscellaneous Retail |
| 446191 | Food (Health) Supplement Stores | 51 | Wholesale Trade- Nondurable Goods |
| 447190 | Other Gasoline Stations | 55 | Automotive Dealers & Service Stations |
| 451120 | Hobby, Toy, and Game Stores | 50 | Wholesale Trade- Durable Goods |
| 451211 | Book Stores | 51 | Wholesale Trade- Nondurable Goods |
| 452111 | Department Stores (except Discount Department Stores) | 53 | General Merchandise Stores |
| 452112 | Discount Department Stores | 53 | General Merchandise Stores |

Table A-4. NAICS Codes Not Assigned to a Point Source Category

| NAICS Code | NAICS Description | Major NAICS Group | Point Source Category |
|-------------------|---|--------------------------|---|
| 452910 | Warehouse Clubs and Supercenters | 54 | Food Stores |
| 453220 | Gift, Novelty, and Souvenir Stores | 51 | Wholesale Trade- Nondurable Goods |
| 453920 | Art Dealers | 59 | Miscellaneous Retail |
| 453930 | Manufactured (Mobile) Home Dealers | 52 | Building Materials & Gardening Supplies |
| 453991 | Tobacco Stores | 51 | Wholesale Trade- Nondurable Goods |
| 454319 | Other Fuel Dealers | 59 | Miscellaneous Retail |
| 454390 | Other Direct Selling Establishments | 54 | Food Stores |
| 481111 | Scheduled Passenger Air Transportation | 45 | Transportation By Air |
| 481112 | Scheduled Freight Air Transportation | 45 | Transportation By Air |
| 481219 | Other Nonscheduled Air Transportation | 79 | Amusement & Recreation Services |
| 483111 | Deep Sea Freight Transportation | 44 | Water Transportation |
| 484110 | General Freight Trucking, Local | 42 | Trucking & Warehousing |
| 484121 | General Freight Trucking, Long-Distance, Truckload | 42 | Trucking & Warehousing |
| 484122 | General Freight Trucking, Long-Distance, Less Than Truckload | 42 | Trucking & Warehousing |
| 484210 | Used Household and Office Goods Moving | 42 | Trucking & Warehousing |
| 484220 | Specialized Freight (except Used Goods) Trucking, Local | 42 | Trucking & Warehousing |
| 484230 | Specialized Freight (except Used Goods) Trucking, Long-Distance | 42 | Trucking & Warehousing |
| 485111 | Mixed Mode Transit Systems | 41 | Local & Interurban Passenger Transit |
| 485112 | Commuter Rail Systems | 41 | Local & Interurban Passenger Transit |
| 485113 | Bus and Other Motor Vehicle Transit Systems | 41 | Local & Interurban Passenger Transit |
| 485119 | Other Urban Transit Systems | 41 | Local & Interurban Passenger Transit |
| 485320 | Limousine Service | 41 | Local & Interurban Passenger Transit |
| 485410 | School and Employee Bus Transportation | 41 | Local & Interurban Passenger Transit |
| 485991 | Special Needs Transportation | 41 | Local & Interurban Passenger Transit |
| 485999 | All Other Transit and Ground Passenger Transportation | 41 | Local & Interurban Passenger Transit |
| 486210 | Pipeline Transportation of Natural Gas | 49 | Electric, Gas, & Sanitary Services |
| 486910 | Pipeline Transportation of Refined Petroleum Products | 46 | Pipelines, Except Natural Gas |
| 486990 | All Other Pipeline Transportation | 46 | Pipelines, Except Natural Gas |
| 487210 | Scenic and Sightseeing Transportation, Water | 79 | Amusement & Recreation Services |
| 487990 | Scenic and Sightseeing Transportation, Other | 79 | Amusement & Recreation Services |
| 488410 | Motor Vehicle Towing | 75 | Auto Repair, Services, & Parking |
| 488510 | Freight Transportation Arrangement | 47 | Transportation Services |
| 488991 | Packing and Crating | 47 | Transportation Services |
| 488999 | All Other Support Activities for Transportation | 47 | Transportation Services |

Table A-4. NAICS Codes Not Assigned to a Point Source Category

| NAICS Code | NAICS Description | Major NAICS Group | Point Source Category |
|-------------------|--|--------------------------|------------------------------------|
| 492210 | Local Messengers and Local Delivery | 42 | Trucking & Warehousing |
| 493110 | General Warehousing and Storage | 42 | Trucking & Warehousing |
| 493120 | Refrigerated Warehousing and Storage | 42 | Trucking & Warehousing |
| 493130 | Farm Product Warehousing and Storage | 42 | Trucking & Warehousing |
| 493190 | Other Warehousing and Storage | 42 | Trucking & Warehousing |
| 512210 | Record Production | 89 | Services, Not Elsewhere Classified |
| 512240 | Sound Recording Studios | 73 | Business Services |
| 512290 | Other Sound Recording Industries | 73 | Business Services |
| 515111 | Radio Networks | 48 | Communications |
| 515112 | Radio Stations | 48 | Communications |
| 517110 | Wired Telecommunications Carriers | 48 | Communications |
| 517211 | Paging Network | 48 | Communications |
| 517212 | Cellular and Other Wireless Telecommunications | 48 | Communications |
| 517310 | Telecommunications Resellers | 48 | Communications |
| 518112 | Web Search Portals (Services, Not Elsewhere Classified) | 89 | Services, Not Elsewhere Classified |
| 518210 | Data Processing, Hosting, and Related Services | 73 | Business Services |
| 519120 | Libraries and Archives | 82 | Educational Services |
| 519190 | All Other Information Services | 73 | Business Services |
| 522110 | Commercial Banking | 60 | Depository Institutions |
| 522130 | Credit Unions | 60 | Depository Institutions |
| 522190 | Other Depository Credit Intermediation | 60 | Depository Institutions |
| 522220 | Sales Financing | 61 | Nondepository Institutions |
| 522291 | Consumer Lending | 61 | Nondepository Institutions |
| 522292 | Real Estate Credit | 61 | Nondepository Institutions |
| 522298 | All Other Nondepository Credit Intermediation | 61 | Nondepository Institutions |
| 522320 | Financial Transactions Processing, Reserve, and Clearinghouse Activities | 73 | Business Services |
| 522390 | Other Activities Related to Credit Intermediation | 61 | Nondepository Institutions |
| 523110 | Investment Banking and Securities Dealing | 62 | Security & Commodity Brokers |
| 523120 | Securities Brokerage | 62 | Security & Commodity Brokers |
| 523910 | Miscellaneous Intermediation | 62 | Security & Commodity Brokers |
| 523999 | Miscellaneous Financial Investment Activities | 62 | Security & Commodity Brokers |
| 524126 | Direct Property and Casualty Insurance Carriers | 63 | Insurance Carriers |
| 524128 | Other Direct Insurance (except Life, Health, and Medical) Carriers | 63 | Insurance Carriers |
| 524130 | Reinsurance Carriers | 63 | Insurance Carriers |

Table A-4. NAICS Codes Not Assigned to a Point Source Category

| NAICS Code | NAICS Description | Major NAICS Group | Point Source Category |
|-------------------|---|--------------------------|------------------------------------|
| 531110 | Lessors of Residential Buildings and Dwellings | 65 | Real Estate |
| 531120 | Lessors of Nonresidential Buildings (except Miniwarehouses) | 65 | Real Estate |
| 531130 | Lessors of Miniwarehouses and Self-Storage Units | 42 | Trucking & Warehousing |
| 531190 | Lessors of Other Real Estate Property | 65 | Real Estate |
| 531210 | Offices of Real Estate Agents and Brokers | 65 | Real Estate |
| 531311 | Residential Property Managers | 65 | Real Estate |
| 531312 | Nonresidential Property Managers | 65 | Real Estate |
| 531320 | Offices of Real Estate Appraisers | 65 | Real Estate |
| 531390 | Other Activities Related to Real Estate | 65 | Real Estate |
| 532120 | Truck, Utility Trailer, and RV (Recreational Vehicle) Rental and Leasing | 75 | Auto Repair, Services, & Parking |
| 532210 | Consumer Electronics and Appliances Rental | 73 | Business Services |
| 532220 | Formal Wear and Costume Rental | 72 | Personal Services |
| 532292 | Recreational Goods Rental | 79 | Amusement & Recreation Services |
| 532299 | All Other Consumer Goods Rental | 73 | Business Services |
| 532310 | General Rental Centers | 73 | Business Services |
| 532412 | Construction, Mining, and Forestry Machinery and Equipment Rental and Leasing | 73 | Business Services |
| 532420 | Office Machinery and Equipment Rental and Leasing | 73 | Business Services |
| 532490 | Other Commercial and Industrial Machinery and Equipment Rental and Leasing | 73 | Business Services |
| 541199 | All Other Legal Services | 73 | Business Services |
| 541320 | Landscape Architectural Services | 87 | Engineering & Management Services |
| 541330 | Engineering Services | 87 | Engineering & Management Services |
| 541340 | Drafting Services | 73 | Business Services |
| 541350 | Building Inspection Services | 73 | Business Services |
| 541370 | Surveying and Mapping (except Geophysical) Services | 73 | Business Services |
| 541410 | Interior Design Services | 73 | Business Services |
| 541420 | Industrial Design Services | 73 | Business Services |
| 541490 | Other Specialized Design Services | 73 | Business Services |
| 541612 | Human Resources Consulting Services | 89 | Services, Not Elsewhere Classified |
| 541614 | Process, Physical Distribution, and Logistics Consulting Services | 47 | Transportation Services |
| 541618 | Other Management Consulting Services | 87 | Engineering & Management Services |
| 541620 | Environmental Consulting Services | 89 | Services, Not Elsewhere Classified |
| 541720 | Research and Development in the Social Sciences and Humanities | 87 | Engineering & Management Services |

Table A-4. NAICS Codes Not Assigned to a Point Source Category

| NAICS Code | NAICS Description | Major NAICS Group | Point Source Category |
|-------------------|---|--------------------------|------------------------------------|
| 541870 | Advertising Material Distribution Services | 73 | Business Services |
| 541930 | Translation and Interpretation Services | 73 | Business Services |
| 551111 | Offices of Bank Holding Companies | 67 | Holding & Other Investment Offices |
| 561110 | Office Administrative Services | 87 | Engineering & Management Services |
| 561210 | Facilities Support Services | 87 | Engineering & Management Services |
| 561310 | Employment Placement Agencies | 72 | Personal Services |
| 561410 | Document Preparation Services | 73 | Business Services |
| 561421 | Telephone Answering Services | 73 | Business Services |
| 561422 | Telemarketing Bureaus and Other Contact Centers | 73 | Business Services |
| 561431 | Private Mail Centers | 73 | Business Services |
| 561439 | Other Business Service Centers (including Copy Shops) | 73 | Business Services |
| 561440 | Collection Agencies | 73 | Business Services |
| 561491 | Repossession Services | 73 | Business Services |
| 561499 | All Other Business Support Services | 73 | Business Services |
| 561510 | Travel Agencies | 47 | Transportation Services |
| 561591 | Convention and Visitors Bureaus | 73 | Business Services |
| 561710 | Exterminating and Pest Control Services | NA | Sanitary Services |
| 561730 | Landscaping Services | 7 | Agricultural Services |
| 561910 | Packaging and Labeling Services | 73 | Business Services |
| 561920 | Convention and Trade Show Organizers | 73 | Business Services |
| 562111 | Solid Waste Collection | 42 | Trucking & Warehousing |
| 562112 | Hazardous Waste Collection | 42 | Trucking & Warehousing |
| 562119 | Other Waste Collection | 42 | Trucking & Warehousing |
| 611110 | Elementary and Secondary Schools | 82 | Educational Services |
| 611210 | Junior Colleges | 82 | Educational Services |
| 611310 | Colleges, Universities, and Professional Schools | 82 | Educational Services |
| 611430 | Professional and Management Development Training | 82 | Educational Services |
| 611511 | Cosmetology and Barber Schools | 72 | Personal Services |
| 611512 | Flight Training | 82 | Educational Services |
| 611513 | Apprenticeship Training | 82 | Educational Services |
| 611519 | Other Technical and Trade Schools | 82 | Educational Services |
| 611630 | Language Schools | 82 | Educational Services |
| 611691 | Exam Preparation and Tutoring | 82 | Educational Services |
| 611692 | Automobile Driving Schools | 82 | Educational Services |

Table A-4. NAICS Codes Not Assigned to a Point Source Category

| NAICS Code | NAICS Description | Major NAICS Group | Point Source Category |
|-------------------|--|--------------------------|--|
| 621910 | Ambulance Services | 41 | Local & Interurban Passenger Transit |
| 623220 | Residential Mental Health and Substance Abuse Facilities | 83 | Social Services |
| 623312 | Homes for the Elderly | 83 | Social Services |
| 623990 | Other Residential Care Facilities | 83 | Social Services |
| 624110 | Child and Youth Services | 83 | Social Services |
| 624120 | Services for the Elderly and Persons with Disabilities | 83 | Social Services |
| 624190 | Other Individual and Family Services | 83 | Social Services |
| 624210 | Community Food Services | 83 | Social Services |
| 624221 | Temporary Shelters | 83 | Social Services |
| 624229 | Other Community Housing Services | 83 | Social Services |
| 624230 | Emergency and Other Relief Services | 83 | Social Services |
| 624310 | Vocational Rehabilitation Services | 83 | Social Services |
| 624410 | Child Day Care Services | 83 | Social Services |
| 711190 | Other Performing Arts Companies | 79 | Amusement & Recreation Services |
| 711211 | Sports Teams and Clubs | 79 | Amusement & Recreation Services |
| 711212 | Racetracks | 79 | Amusement & Recreation Services |
| 711219 | Other Spectator Sports | 79 | Amusement & Recreation Services |
| 712110 | Museums | 84 | Museums, Botanical, Zoological Gardens |
| 712120 | Historical Sites | 84 | Museums, Botanical, Zoological Gardens |
| 712130 | Zoos and Botanical Gardens | 84 | Museums, Botanical, Zoological Gardens |
| 713110 | Amusement and Theme Parks | 79 | Amusement & Recreation Services |
| 713210 | Casinos (except Casino Hotels) | 79 | Amusement & Recreation Services |
| 713290 | Other Gambling Industries | 79 | Amusement & Recreation Services |
| 713910 | Golf Courses and Country Clubs | 79 | Amusement & Recreation Services |
| 713920 | Skiing Facilities | 79 | Amusement & Recreation Services |
| 713930 | Marinas | 44 | Water Transportation |
| 713940 | Fitness and Recreational Sports Centers | 79 | Amusement & Recreation Services |
| 713950 | Bowling Centers | 79 | Amusement & Recreation Services |
| 713990 | All Other Amusement and Recreation Industries | 79 | Amusement & Recreation Services |
| 721110 | Hotels (except Casino Hotels) and Motels | 70 | Hotels & Other Lodging Places |
| 721120 | Casino Hotels | 70 | Hotels & Other Lodging Places |
| 721191 | Bed-and-Breakfast Inns | 70 | Hotels & Other Lodging Places |
| 721199 | All Other Traveler Accommodation | 70 | Hotels & Other Lodging Places |
| 721211 | RV (Recreational Vehicle) Parks and Campgrounds | 70 | Hotels & Other Lodging Places |

Table A-4. NAICS Codes Not Assigned to a Point Source Category

| NAICS Code | NAICS Description | Major NAICS Group | Point Source Category |
|-------------------|---|--------------------------|------------------------------------|
| 721214 | Recreational and Vacation Camps (except Campgrounds) | 70 | Hotels & Other Lodging Places |
| 721310 | Rooming and Boarding Houses | 70 | Hotels & Other Lodging Places |
| 722410 | Drinking Places (Alcoholic Beverages) | 58 | Eating & Drinking Places |
| 811111 | General Automotive Repair | 75 | Auto Repair, Services, & Parking |
| 811118 | Other Automotive Mechanical and Electrical Repair and Maintenance | 75 | Auto Repair, Services, & Parking |
| 811121 | Automotive Body, Paint, and Interior Repair and Maintenance | 75 | Auto Repair, Services, & Parking |
| 811122 | Automotive Glass Replacement Shops | 75 | Auto Repair, Services, & Parking |
| 811191 | Automotive Oil Change and Lubrication Shops | 75 | Auto Repair, Services, & Parking |
| 811192 | Car Washes | 75 | Auto Repair, Services, & Parking |
| 811198 | All Other Automotive Repair and Maintenance | 75 | Auto Repair, Services, & Parking |
| 811213 | Communication Equipment Repair and Maintenance | 76 | Miscellaneous Repair Services |
| 812112 | Beauty Salons | 72 | Personal Services |
| 812113 | Nail Salons | 72 | Personal Services |
| 812191 | Diet and Weight Reducing Centers | 72 | Personal Services |
| 812199 | Other Personal Care Services | 72 | Personal Services |
| 812210 | Funeral Homes and Funeral Services | 72 | Personal Services |
| 812310 | Coin-Operated Laundries and Drycleaners | 72 | Personal Services |
| 812910 | Pet Care (except Veterinary) Services | 7 | Agricultural Services |
| 813110 | Religious Organizations | 86 | Membership Organizations |
| 813211 | Grantmaking Foundations | 67 | Holding & Other Investment Offices |
| 813312 | Environment, Conservation and Wildlife Organizations | 86 | Membership Organizations |
| 813319 | Other Social Advocacy Organizations | 86 | Membership Organizations |
| 813410 | Civic and Social Organizations | 86 | Membership Organizations |
| 813910 | Business Associations | 86 | Membership Organizations |
| 813920 | Professional Organizations | 86 | Membership Organizations |
| 813930 | Labor Unions and Similar Labor Organizations | 86 | Membership Organizations |
| 814110 | Private Households | 88 | Private Households |
| 921110 | Executive Offices | 91 | Executive, Legislative, & General |
| 921140 | Executive and Legislative Offices, Combined | 91 | Executive, Legislative, & General |
| 921150 | American Indian and Alaska Native Tribal Governments | 86 | Membership Organizations |
| 921190 | Other General Government Support | 91 | Executive, Legislative, & General |
| 922110 | Courts | 92 | Justice, Public Order, & Safety |
| 922130 | Legal Counsel and Prosecution | 92 | Justice, Public Order, & Safety |
| 922140 | Correctional Institutions | 92 | Justice, Public Order, & Safety |

Table A-4. NAICS Codes Not Assigned to a Point Source Category

| NAICS Code | NAICS Description | Major NAICS Group | Point Source Category |
|-------------------|--|--------------------------|---|
| 922150 | Parole Offices and Probation Offices | 83 | Social Services |
| 922160 | Fire Protection | 92 | Justice, Public Order, & Safety |
| 922190 | Other Justice, Public Order, and Safety Activities | 92 | Justice, Public Order, & Safety |
| 923120 | Administration of Public Health Programs | 94 | Administration Of Human Resources |
| 924110 | Administration of Air and Water Resource and Solid Waste Management Programs | 95 | Environmental Quality & Housing |
| 924120 | Administration of Conservation Programs | 95 | Environmental Quality & Housing |
| 925110 | Administration of Housing Programs | 95 | Environmental Quality & Housing |
| 926110 | Administration of General Economic Programs | 96 | Administration Of Economic Programs |
| 926120 | Regulation and Administration of Transportation Programs | 96 | Administration Of Economic Programs |
| 926140 | Regulation of Agricultural Marketing and Commodities | 96 | Administration Of Economic Programs |
| 927110 | Space Research and Technology | 96 | Administration Of Economic Programs |
| 928110 | National Security | 97 | National Security & International Affairs |

PSC – Point Source Category.

PNC – Potential new category.

REV – Potential effluent limitations guidelines revision.

NEC – Not elsewhere classified.

Table A-5. TWFs for Chemicals in *TRIRelases2008* and *DMRLoads2008*

| Pollutant | CASNU | Current TWF |
|--------------------------------------|--------------|--------------------|
| 1,3-Phenylenediamine | 108452 | 0.000380667 |
| Acetaldehyde | 75070 | 0.002204582 |
| Acetamide | 60355 | 4.21053E-06 |
| Acetonitrile | 75058 | 0.000213039 |
| Acetophenone | 98862 | 0.000334099 |
| Acrolein | 107028 | 0.980567241 |
| Acrylamide | 79061 | 0.51912 |
| Acrylic acid | 79107 | 0.000152272 |
| Acrylonitrile | 107131 | 2.2792 |
| Alachlor / Lasso | 15972608 | 1.5184 |
| Allyl alcohol | 107186 | 0.084960485 |
| Allyl chloride | 107051 | 0.003352643 |
| Allylamine | 107119 | 0.002533937 |
| Aluminum | 7429905 | 0.064691216 |
| Ametryn | 834128 | 0.03514 |
| Ammonia as NH3 | 7664417 | 0.00111 |
| Aniline | 62533 | 0.006858727 |
| Anthracene | 120127 | 2.545594545 |
| Antimony compounds | N010 | 0.01225 |
| Arsenic compounds | N020 | 4.041333333 |
| Atrazine | 1912249 | 1.040953846 |
| Barium compounds | N040 | 0.001990757 |
| Benzene | 71432 | 0.031678038 |
| Benzoyl chloride | 98884 | 0.001642229 |
| Benzyl chloride | 100447 | 0.7966 |
| Beryllium compounds | N050 | 1.056603774 |
| Biphenyl | 92524 | 0.036555826 |
| Bis(2-chloroethyl) ether | 111444 | 1.062894737 |
| Bis(2-ethylhexyl) phthalate | 117817 | 0.2548 |
| Bromine | 7726956 | 0.012173913 |
| Bromomethane | 74839 | 0.05975 |
| Busamid \ Dazomet \ Mylone \ Nefusan | 533744 | 0.009491525 |
| Busan 85 | 128030 | 0.933333333 |
| Butadiene, 1,3- | 106990 | 4.829081594 |
| Butanal | 123728 | 0.004179104 |
| Butanol, 1- | 71363 | 0.000102337 |
| Butyl acrylate | 141322 | 0.012173913 |
| Cadmium compounds | N078 | 23.1168 |
| Captan | 133062 | 1.651067914 |
| Carbam-S | 128041 | 0.08358209 |
| Carbaryl \ Sevin | 63252 | 280.00364 |
| Carbon disulfide | 75150 | 2.800161 |
| Catechol | 120809 | 0.016 |
| Chlordane | 57749 | 1993.225581 |
| Chlorimuron Ethyl | 90982324 | 0.028 |
| Chlorine | 7782505 | 0.509162182 |
| Chlorine Dioxide | 10049044 | 0.16 |
| Chloroacetic acid | 79118 | 0.000805 |

Table A-5. TWFs for Chemicals in *TRIRelases2008* and *DMRLoads2008*

| Pollutant | CASNU | Current TWF |
|----------------------------------|--------------|--------------------|
| Chloroaniline, p- | 106478 | 0.028 |
| Chlorobenzene | 108907 | 0.002934467 |
| Chloroethane | 75003 | 0.003188993 |
| Chloroethene | 75014 | 0.229626984 |
| Chloromethane | 74873 | 0.005359161 |
| Chlorophenols | N084 | 0.055488559 |
| Chloroprene | 126998 | 0.112172119 |
| Chlorothalonil | 1897456 | 7.386239234 |
| Chlorsulfuron | 64902723 | 0.000116667 |
| Chromium compounds | N090 | 0.075696709 |
| Cobalt compounds | N096 | 0.114285714 |
| Copper compounds | N100 | 0.634822222 |
| Cresol, m- | 108394 | 0.003047783 |
| Cresol, o- | 95487 | 0.002991783 |
| Cresol, p- | 106445 | 0.007106988 |
| Cresols (mixed isomers) | 1319773 | 0.004893 |
| Crotonaldehyde | 4170303 | 0.016 |
| Cumeme hydroperoxide | 80159 | 0.006603774 |
| Cumene | 98828 | 0.003378846 |
| Cyanide compounds | N106 | 0.0054 |
| Cyclohexane | 110827 | 0.009003215 |
| Cyclohexanol | 108930 | 7.95455E-05 |
| Cygon \ Dimethoate | 60515 | 1.849492248 |
| Decabromodiphenyl oxide | 1163195 | 0.008588957 |
| DEF | 78488 | 149.7017544 |
| Diazinon \ Spectracide | 333415 | 622.2751111 |
| Dibenzofuran | 132649 | 0.49215 |
| Dicamba | 1918009 | 0.015012308 |
| Dichlorobenzene, 1,2- | 95501 | 0.010503063 |
| Dichlorobenzene, 1,3- | 541731 | 0.013794667 |
| Dichlorobenzene, 1,4- | 106467 | 0.07672825 |
| Dichlorodifluoromethane | 75718 | 0.000592527 |
| Dichloroethane, 1,1- | 75343 | 0.000513619 |
| Dichloroethane, 1,2- | 107062 | 0.015797091 |
| Dichloroethene, 1,1- | 75354 | 0.471495033 |
| Dichloroethene, 1,2- | 540590 | 0.001457 |
| Dichloromethane | 75092 | 0.001012879 |
| Dichlorophenol, 2,4- | 120832 | 0.098993333 |
| Dichlorophenoxyacetic acid, 2,4- | 94757 | 0.007814754 |
| Dichloropropane, 1,2- | 78875 | 0.039391333 |
| Dichloropropene, 1,3- | 542756 | 0.565061538 |
| Dichlorvos | 62737 | 5601.2992 |
| Dicyclopentadiene | 77736 | 0.004666667 |
| Diethanolamine | 111422 | 0.00175 |
| Diethylsulfate | 64675 | 6.82927E-05 |
| Dimethyl phthalate | 131113 | 0.003294118 |
| Dimethyl sulfate | 77781 | 0.007466667 |
| Dimethylamine | 124403 | 0.000622222 |

Table A-5. TWFs for Chemicals in *TRIRelases2008* and *DMRLoads2008*

| Pollutant | CASNU | Current TWF |
|--|--------------|--------------------|
| Dimethylformamide, N,N- | 68122 | 7.95732E-06 |
| Dimethylphenol, 2,4- | 105679 | 0.00940864 |
| Di-n-butyl phthalate | 84742 | 0.012446 |
| Dinitrobenzene, 1,2- | 528290 | 0.093333333 |
| Dinitrobenzene, 1,4- | 100254 | 0.122733333 |
| Dinitro-o-cresol, 4,6- | 534521 | 0.107601093 |
| Dinitrophenol, 2,4- | 51285 | 0.008138608 |
| Dinitrotoluene (mixed isomers) | 25321146 | 0.043076923 |
| Dinitrotoluene, 2,4- | 121142 | 0.445452 |
| Dinitrotoluene, 2,6- | 606202 | 0.110133333 |
| Dinoseb \ DNBP | 88857 | 3.228860759 |
| Dioxane, 1,4- | 123911 | 0.000619843 |
| Dioxin and dioxin-like compounds | N150 | 10595840 |
| Diphenylamine | 122394 | 0.022693428 |
| Diuron / DCMU | 330541 | 0.448 |
| Dowicil 75 | 4080313 | 0.001333333 |
| Epichlorhydrin | 106898 | 0.006946219 |
| Ethane, 1,1,2-trichloro-1,2,2-trifluoro- | 76131 | 0.005858526 |
| Ethyl acrylate | 140885 | 0.051754713 |
| Ethylbenzene | 100414 | 0.001412391 |
| Ethylene | 74851 | 0.000365059 |
| Ethylene glycol | 107211 | 0.001340333 |
| Ethylene glycol monoethyl ether | 110805 | 8.26633E-06 |
| Ethylene oxide | 75218 | 0.050646667 |
| Fomesagen | 72178020 | 7.46667E-05 |
| Formaldehyde | 50000 | 0.002330651 |
| Formic acid | 64186 | 0.00037051 |
| Glycol ethers | N230 | 0.000106671 |
| Hexachlorobenzene | 118741 | 1947.726667 |
| Hexachlorocyclopentadiene | 77474 | 1.07729921 |
| Hexachloroethane | 67721 | 0.18069437 |
| Hexane, n- | 110543 | 0.035239604 |
| Hexazinone | 51235042 | 0.000564242 |
| Hydrazine | 302012 | 0.06272 |
| Hydrochloric acid | 7647010 | 2.43478E-05 |
| Hydrofluoric acid | 7664393 | 0.0000056 |
| Hydrogen cyanide | 74908 | 1.076949677 |
| Hydroquinone | 123319 | 1.274120273 |
| Iodomethane | 74884 | 0.000121052 |
| Isopropylidenediphenol, 4,4'- | 80057 | 0.002354074 |
| Lead compounds | N420 | 2.24 |
| Malathion | 121755 | 56.00644 |
| Maleic anhydride | 108316 | 0.000501026 |
| Manganese compounds | N450 | 0.07043299 |
| MCPP \ Mecoprop | 93652 | 0.007972135 |
| Mercury compounds | N458 | 117.1180233 |
| Methanol | 67561 | 1.45798E-05 |
| Methoxyethanol, 2- | 109864 | 0.000282671 |

Table A-5. TWFs for Chemicals in *TRIRelases2008* and *DMRLoads2008*

| Pollutant | CASNU | Current TWF |
|--------------------------------------|--------------|--------------------|
| Methyl acrylate | 96333 | 0.012173913 |
| Methyl isobutyl ketone | 108101 | 0.000153012 |
| Methyl methacrylate | 80626 | 0.000299794 |
| Methyl propanal, 2- | 78842 | 0.002143951 |
| Methyl tert-butyl ether | 1634044 | 8.44595E-05 |
| Methyl-2-propanol, 2- | 75650 | 3.16384E-05 |
| Methylenedianiline, 4,4'- | 101779 | 0.001836066 |
| Metribuzin | 21087649 | 0.001399356 |
| Molybdenum trioxide | 1313275 | 0.0008 |
| N,N-Dimethylaniline | 121697 | 0.007813362 |
| Nabam | 142596 | 0.287179487 |
| Naphthalene | 91203 | 0.015870135 |
| Nickel compounds | N495 | 0.108914308 |
| Nitrate compounds | N511 | 0.000746667 |
| Nitric acid | 7697372 | 0.000746667 |
| Nitroaniline, 4- | 100016 | 0.000550098 |
| Nitrobenzene | 98953 | 0.010245846 |
| Nitroglycerin | 55630 | 0.04057971 |
| Nitrophenol, 2- | 88755 | 0.001622718 |
| Nitrophenol, 4- | 100027 | 0.004886942 |
| Oxadiazon | 19666309 | 0.046666667 |
| Oxydianiline, 4,4'- | 101804 | 0.002797203 |
| Oxyfluorofen | 42874033 | 0.88516129 |
| Pendimethalin \ Prowl | 40487421 | 0.175333333 |
| Pentachlorobenzene | 608935 | 3.769659091 |
| Pentachloronitrobenzene \ Quintozene | 82688 | 38.5252 |
| Pentachlorophenol | 87865 | 0.558133333 |
| Peracetic acid | 79210 | 1.77215E-06 |
| Phenanthrene | 85018 | 0.294736842 |
| Phenol | 108952 | 0.028003267 |
| Phenylphenol, o- | 90437 | 0.028248915 |
| Phosphorus (elemental) | 7723140 | 21 |
| Phthalic anhydride | 85449 | 0.000127964 |
| Picloram | 1918021 | 2.074128074 |
| Picoline, 2- | 109068 | 9.67235E-05 |
| Polychlorinated biphenyls, NOS | 1336363 | 34033.6 |
| Polycyclic aromatic compounds | N590 | 100.66 |
| Polyphase \ Guardsan 388 | 55406536 | 0.000796586 |
| p-Phenylenediamine | 106503 | 0.000154702 |
| Prometyrn \ Caparol | 7287196 | 0.087139013 |
| Propanal | 123386 | 0.000430769 |
| Propargyl alcohol | 107197 | 0.038888889 |
| Propylene | 115071 | 0.000703164 |
| Propylene oxide | 75569 | 0.021229163 |
| Pyridine | 110861 | 0.003024 |
| Quinoline | 91225 | 13.3462 |
| sec-Butyl alcohol | 78922 | 1.32482E-05 |
| Selenium compounds | N725 | 1.121344 |

Table A-5. TWFs for Chemicals in *TRIRelases2008* and *DMRLoads2008*

| Pollutant | CASNU | Current TWF |
|--|--------------|--------------------|
| Silver compounds | N740 | 16.47072824 |
| Simazine | 122349 | 0.308 |
| Sodium Nitrite (as N) | N1000 | 0.0032 |
| Styrene | 100425 | 0.014024848 |
| Sulfuric acid | 7664939 | 0.001333333 |
| Sumithrin | 26002802 | 42 |
| Tetrachloroethene | 127184 | 0.233748392 |
| Tetrachloromethane | 56235 | 0.342897059 |
| Tetrachlorvinphos \ Gardona \ Stirofos | 961115 | 0.143485891 |
| Thallium compounds | N760 | 1.027058824 |
| Thiodicarb | 59669260 | 2.074074074 |
| Thiophanate methyl | 23564058 | 0.011612135 |
| Thiourea | 62566 | 0.031111111 |
| Thiram | 137268 | 0.565253333 |
| Toluene | 108883 | 0.00562782 |
| Toluene diisocyanate, 2,4- | 584849 | 0.000340426 |
| Toluene diisocyanate, 2,6- | 91087 | 0.000341463 |
| Toluenediamine | 25376458 | 0.3388 |
| Toluidine, o- | 95534 | 0.25424 |
| Tributyltin oxide | 56359 | 51.21666667 |
| Trichlorobenzene, 1,2,4- | 120821 | 0.02550842 |
| Trichloroethane, 1,1,1- | 71556 | 0.004699692 |
| Trichloroethane, 1,1,2- | 79005 | 0.036340769 |
| Trichloroethene | 79016 | 0.019075504 |
| Trichlorofluoromethane | 75694 | 0.001102029 |
| Trichloromethane | 67663 | 0.002078389 |
| Trichlorophenol, 2,4,6- | 88062 | 0.497666667 |
| Trichloropropane, 1,2,3- | 96184 | 5.264326721 |
| Triclopyr, triethylamine salt | 57213691 | 5.09091E-05 |
| Triethylamine | 121448 | 0.00014726 |
| Trifluralin \ Treflan | 1582098 | 6.553164872 |
| Trimethylbenzene, 1,2,4- | 95636 | 0.027586207 |
| Vanadium compounds | N770 | 0.035 |
| Vinyl acetate | 108054 | 0.0040028 |
| Xylene, m- | 108383 | 0.001581497 |
| Xylene, o- | 95476 | 0.004349804 |
| Xylene, p- | 106423 | 0.004792903 |
| Xylenes | 1330207 | 0.004324704 |
| Zinc compounds | N982 | 0.046886 |

Table A-6. POTW Removals

| CAS # | Chemical | POTW Removal |
|-----------|--|--------------|
| 4080313 | 1-(3-chloroallyl)-3,5,7-triaza-1-azoniaadamantane | 45% |
| 354110 | 1,1,1,2-Tetrachloro-2-fluoroethane (HCFC-121a) | 62% |
| 630206 | 1,1,1,2-Tetrachloroethane | 59% |
| 71556 | 1,1,1-Trichloroethane | 90% |
| 354143 | 1,1,2,2-Tetrachloro-1-fluoroethane (HCFC-121) | 62% |
| 79345 | 1,1,2,2-Tetrachloroethane | 33% |
| 79005 | 1,1,2-Trichloroethane | 40% |
| 13474889 | 1,1-Dichloro-1,2,2,3,3-pentafluoropropane (HCFC-22 | 100% |
| 812044 | 1,1-Dichloro-1,2,2-trifluoroethane (HCFC-123b) | 97% |
| 111512562 | 1,1-Dichloro-1,2,3,3,3-pentafluoropropane (HCFC-22 | 100% |
| 1717006 | 1,1-Dichloro-1-fluoroethane | 91% |
| 57147 | 1,1-Dimethyl Hydrazine | 75% |
| 96184 | 1,2,3-Trichloropropane | 52% |
| 120821 | 1,2,4-Trichlorobenzene | 86% |
| 95636 | 1,2,4-Trimethylbenzene | 94% |
| 106887 | 1,2-Butylene oxide | 76% |
| 96128 | 1,2-Dibromo-3-chloropropane (DBCP) | 33% |
| 106934 | 1,2-Dibromoethane | 54% |
| 124732 | 1,2-Dibromotetrafluoroethane | 98% |
| 422446 | 1,2-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-22 | 100% |
| 354234 | 1,2-Dichloro-1,1,2-trifluoroethane | 97% |
| 431867 | 1,2-Dichloro-1,1,3,3,3-pentafluoropropane (HCFC-22 | 100% |
| 1649087 | 1,2-Dichloro-1,1-difluoroethane | 95% |
| 95501 | 1,2-Dichlorobenzene | 89% |
| 107062 | 1,2-Dichloroethane | 89% |
| 540590 | 1,2-Dichloroethylene | 72% |
| 78875 | 1,2-Dichloropropane | 68% |
| 122667 | 1,2-Diphenylhydrazine | 62% |
| 95545 | 1,2-Phenylenediamine | 45% |
| 615281 | 1,2-Phenylenediamine dihydrochloride | 45% |
| 106990 | 1,3-Butadiene | 97% |
| 507551 | 1,3-Dichloro-1,1,2,2,3-pentafluoropropane | 100% |
| 136013791 | 1,3-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-22 | 100% |
| 541731 | 1,3-Dichlorobenzene | 77% |
| 542756 | 1,3-Dichloropropylene | 83% |
| 108452 | 1,3-Phenylenediamine | 45% |
| 764410 | 1,4-Dichloro-2-butene | 90% |
| 106467 | 1,4-Dichlorobenzene | 75% |
| 624180 | 1,4-Phenylenediamine dihydrochloride | 45% |
| 82280 | 1-Amino-2-methyl-anthraquinone | 86% |
| 35691657 | 1-Bromo-1-(bromomethyl)-1,3-propanedicarbonitrile | 46% |
| 354256 | 1-Chloro-1,1,2,2-tetrafluoroethane | 100% |
| 75683 | 1-Chloro-1,1-difluoroethane | 97% |
| 128903219 | 2,2-Dichloro-1,1,1,3,3-pentafluoropropane (HCFC-22 | 100% |
| 306832 | 2,2-Dichloro-1,1,1-trifluoroethane | 97% |
| 2655154 | 2,3,5-trimethylphenyl methylcarbamate | 78% |
| 422480 | 2,3-Dichloro-1,1,1,2,3-pentafluoropropane (HCFC-22 | 100% |

Table A-6. POTW Removals

| CAS # | Chemical | POTW Removal |
|-----------|---|--------------|
| 78886 | 2,3-Dichloropropene | 66% |
| 95954 | 2,4,5-Trichlorophenol | 75% |
| 88062 | 2,4,6-Trichlorophenol | 28% |
| 94757 | 2,4-D ((2,4-dichlorophenoxy)acetic acid) | 49% |
| 53404378 | 2,4-D 2-ethyl-4-methylpentyl ester | 100% |
| 1928434 | 2,4-D 2-ethylhexyl ester | 100% |
| 1929733 | 2,4-D butoxyethyl ester | 99% |
| 94804 | 2,4-D butyl ester | 100% |
| 2971382 | 2,4-D chlorocrotyl ester | 100% |
| 94111 | 2,4-D isopropyl ester | 98% |
| 2702729 | 2,4-D sodium salt | 94% |
| 1320189 | 2,4-D, propylene glycol butyl ether ester | 100% |
| 94826 | 2,4-DB | 89% |
| 615054 | 2,4-Diaminoanisole | 45% |
| 39156417 | 2,4-Diaminoanisole sulfate | 45% |
| 95807 | 2,4-Diaminotoluene | 45% |
| 120832 | 2,4-Dichlorophenol | 95% |
| 105679 | 2,4-Dimethylphenol | 51% |
| 51285 | 2,4-Dinitrophenol | 78% |
| 121142 | 2,4-Dinitrotoluene | 47% |
| 541537 | 2,4-Dithiobiuret | 49% |
| 120365 | 2,4-DP (Dichlorprop) | 66% |
| 606202 | 2,6-Dinitrotoluene | 78% |
| 87627 | 2,6-Xylidine | 47% |
| 53963 | 2-Acetylaminofluorene | 58% |
| 117793 | 2-Aminoanthraquinone | 48% |
| 2837890 | 2-Chloro-1,1,1,2-tetrafluoroethane | 100% |
| 75887 | 2-Chloro-1,1,1-trifluoroethane | 99% |
| 532274 | 2-Chloroacetophenone | 46% |
| 110805 | 2-Ethoxyethanol | 92% |
| 149304 | 2-Mercaptobenzothiazole | 48% |
| 109864 | 2-Methoxyethanol | 92% |
| 75865 | 2-Methylacetonitrile | 100% |
| 109068 | 2-Methylpyridine | 92% |
| 88755 | 2-Nitrophenol | 27% |
| 79469 | 2-Nitropropane | 76% |
| 90437 | 2-Phenylphenol | 95% |
| 422560 | 3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC-22) | 100% |
| 91941 | 3,3'-Dichlorobenzidine | 68% |
| 612839 | 3,3'-Dichlorobenzidine dihydrochloride | 68% |
| 64969342 | 3,3'-Dichlorobenzidine sulfate | 68% |
| 119904 | 3,3'-Dimethoxybenzidine | 46% |
| 20325400 | 3,3'-Dimethoxybenzidine dihydrochloride | 46% |
| 111984099 | 3,3'-Dimethoxybenzidine hydrochloride | 46% |
| 119937 | 3,3'-Dimethylbenzidine | 77% |
| 612828 | 3,3'-Dimethylbenzidine dihydrochloride | 55% |
| 41766750 | 3,3'-Dimethylbenzidine dihydrofluoride | 48% |

Table A-6. POTW Removals

| CAS # | Chemical | POTW Removal |
|----------|--|--------------|
| 460355 | 3-Chloro-1,1,1-trifluoropropane (HCFC-253fb) | 99% |
| 563473 | 3-Chloro-2-methyl-1-propene | 96% |
| 542767 | 3-Chloropropionitrile | 46% |
| 55406536 | 3-Iodo-2-propynyl butylcarbamate | 77% |
| 101804 | 4,4'-Diaminodiphenylether | 76% |
| 101688 | 4,4'-Diphenylmethane diisocyanate | 100% |
| 80057 | 4,4'-Isopropylidenediphenol | 86% |
| 101144 | 4,4'-Methylenebis(2-chloroaniline) | 82% |
| 101611 | 4,4'-Methylenebis(N,N-dimethylbenzenamine) | 93% |
| 101779 | 4,4'-Methylenedianiline | 75% |
| 139651 | 4,4'-Thiodianiline | 47% |
| 534521 | 4,6-Dinitro-o-cresol | 47% |
| 60093 | 4-Aminoazobenzene | 65% |
| 92671 | 4-Aminodiphenyl | 53% |
| 60117 | 4-Dimethylaminoazobenzene | 96% |
| 92933 | 4-Nitrobiphenyl | 93% |
| 100027 | 4-Nitrophenol | 78% |
| 99592 | 5-Nitro-o-anisidine | 46% |
| 99558 | 5-Nitro-o-toluidine | 46% |
| 71751412 | Abamectin | 98% |
| 30560191 | Acephate | 45% |
| 75070 | Acetaldehyde | 92% |
| 60355 | Acetamide | 92% |
| 75058 | Acetonitrile | 75% |
| 98862 | Acetophenone | 95% |
| 62476599 | Acifluorfen, sodium salt | 75% |
| 107028 | Acrolein | 78% |
| 79061 | Acrylamide | 92% |
| 79107 | Acrylic acid | 92% |
| 107131 | Acrylonitrile | 95% |
| 15972608 | Alachlor | 89% |
| 116063 | Aldicarb | 46% |
| 309002 | Aldrin | 99% |
| 107186 | Allyl alcohol | 92% |
| 107051 | Allyl chloride | 84% |
| 107119 | Allylamine | 75% |
| 319846 | alpha-Hexachlorocyclohexane | 85% |
| 134327 | alpha-Naphthylamine | 76% |
| 7429905 | Aluminum (fume or dust) | 91% |
| 1344281 | Aluminum oxide (fibrous forms) | 1.9% |
| 20859738 | Aluminum phosphide | 1.9% |
| 834128 | Ametryn | 55% |
| 33089611 | Amitraz | 99% |
| 61825 | Amitrole | 45% |
| 7664417 | Ammonia | 39% |
| 6484522 | Ammonium nitrate (solution) | 1.9% |
| 7783202 | Ammonium sulfate | 1.9% |

Table A-6. POTW Removals

| CAS # | Chemical | POTW Removal |
|----------|------------------------------------|--------------|
| 101053 | Anilazine | 81% |
| 62533 | Aniline | 93% |
| 120127 | Anthracene | 96% |
| 7440360 | Antimony | 67% |
| N010 | Antimony compounds | 67% |
| 7440382 | Arsenic | 66% |
| N020 | Arsenic compounds | 66% |
| 1332214 | Asbestos (friable) | 0% |
| 1912249 | Atrazine | 26% |
| 492808 | Auramine | 50% |
| 7440393 | Barium | 55% |
| N040 | Barium compounds | 55% |
| 22781233 | Bendiocarb | 77% |
| 1861401 | Benfluralin | 97% |
| 17804352 | Benomyl | 51% |
| 98873 | Benzal chloride | 100% |
| 55210 | Benzamide | 92% |
| 71432 | Benzene | 95% |
| 92875 | Benzidine | 75% |
| 191242 | Benzo(g,h,i)perylene | 0% |
| 98077 | Benzotrichloride | 100% |
| 98884 | Benzoyl chloride | 100% |
| 94360 | Benzoyl peroxide | 97% |
| 100447 | Benzyl chloride | 78% |
| 7440417 | Beryllium | 61% |
| N050 | Beryllium compounds | 61% |
| 91598 | beta-Naphthylamine | 77% |
| 57578 | beta-Propiolactone | 96% |
| 82657043 | Bifenthrin | 100% |
| 92524 | Biphenyl | 96% |
| 108601 | Bis(2-chloro-1-methethyl)ether | 50% |
| 111911 | Bis(2-chloroethoxy)methane | 23% |
| 111444 | Bis(2-chloroethyl)ether | 23% |
| 542881 | Bis(chloromethyl)ether | 100% |
| 56359 | Bis(tributyltin) oxide | 91% |
| 10294345 | Boron trichloride | 1.9% |
| 7637072 | Boron trifluoride | 1.9% |
| 314409 | Bromacil | 47% |
| 53404196 | Bromacil lithium salt | 46% |
| 7726956 | Bromine | 1.9% |
| 353593 | Bromochlorodifluoromethane | 97% |
| 75252 | Bromoform (Tribromomethane) | 55% |
| 74839 | Bromomethane (Methyl bromide) | 77% |
| 75638 | Bromotrifluoromethane (Halon 1301) | 99% |
| 1689845 | Bromoxynil | 87% |
| 1689992 | Bromoxynil octanoate | 100% |
| 357573 | Brucine | 46% |

Table A-6. POTW Removals

| CAS # | Chemical | POTW Removal |
|----------|--|--------------|
| 141322 | Butyl acrylate | 93% |
| 123728 | Butyraldehyde | 92% |
| 4680788 | C.I. Acid Green 3 | 45% |
| 6459945 | C.I. Acid Red 114 | 100% |
| 569642 | C.I. Basic Green 4 | 45% |
| 989388 | C.I. Basic Red 1 | 100% |
| 1937377 | C.I. Direct Black 38 | 98% |
| 28407376 | C.I. Direct Blue 218 | 0% |
| 2602462 | C.I. Direct Blue 6 | 54% |
| 16071866 | C.I. Direct Brown 95 | 100% |
| 2832408 | C.I. Disperse Yellow 3 | 84% |
| 81889 | C.I. Food Red 15 | 46% |
| 3761533 | C.I. Food Red 5 | 49% |
| 3118976 | C.I. Solvent Orange 7 | 100% |
| 842079 | C.I. Solvent Yellow 14 | 99% |
| 97563 | C.I. Solvent Yellow 3 | 91% |
| 128665 | C.I. Vat Yellow 4 | 99% |
| 7440439 | Cadmium | 90% |
| N078 | Cadmium compounds | 90% |
| 156627 | Calcium cyanamide | 1.9% |
| 133062 | Captan | 77% |
| 63252 | Carbaryl | 93% |
| 1563662 | Carbofuran | 93% |
| 75150 | Carbon disulfide | 84% |
| 56235 | Carbon tetrachloride | 93% |
| 463581 | Carbonyl sulfide | 96% |
| 5234684 | Carboxin | 76% |
| 120809 | Catechol | 92% |
| 76142 | CFC 114 (1,2-dichloro,1,1,2,2-tetrafluoroethane) | 100% |
| 76153 | CFC 115 (chloropentafluoroethane) | 100% |
| 75694 | CFC-11 (trichlorofluoromethane) | 77% |
| 75718 | CFC-12 (dichlorodifluoromethane) | 99% |
| 2439012 | Chinomethionat (6-methyl-1,3-dithiolo[4,5-b]quinox | 77% |
| 133904 | Chloramben | 46% |
| 57749 | Chlordane | 99% |
| 115286 | Chlorendic acid | 33% |
| 90982324 | Chlorimuron ethyl | 77% |
| 7782505 | Chlorine | 100% |
| 10049044 | Chlorine dioxide | 1.9% |
| 79118 | Chloroacetic acid | 92% |
| 108907 | Chlorobenzene | 96% |
| 510156 | Chlorobenzilate | 97% |
| 75456 | Chlorodifluoromethane (HCFC-22) | 61% |
| 75003 | Chloroethane (Ethyl chloride) | 78% |
| 67663 | Chloroform | 73% |
| 74873 | Chloromethane | 88% |
| 107302 | Chloromethyl methyl ether | 100% |

Table A-6. POTW Removals

| CAS # | Chemical | POTW Removal |
|-----------|---------------------------------|--------------|
| N084 | Chlorophenols | 96% |
| 76062 | Chloropicrin | 62% |
| 126998 | Chloroprene | 96% |
| 63938103 | Chlorotetrafluoroethane | 100% |
| 1897456 | Chlorothalonil | 82% |
| 75729 | Chlorotrifluoromethane | 100% |
| 5598130 | Chlorpyrifos methyl | 98% |
| 64902723 | Chlorsulfuron | 47% |
| 7440473 | Chromium | 80% |
| N090 | Chromium compounds | 80% |
| 7440484 | Cobalt | 10% |
| N096 | Cobalt compounds | 10% |
| 7440508 | Copper | 84% |
| N100 | Copper compounds | 84% |
| 8001589 | Creosote, coal tar | 0% |
| 1319773 | Cresol (mixed isomers) | 92% |
| 4170303 | Crotonaldehyde | 92% |
| 98828 | Cumene | 98% |
| 80159 | Cumene hydroperoxide | 76% |
| 135206 | Cupferron | 22% |
| 21725462 | Cyanazine | 24% |
| N106 | Cyanide compounds | 70% |
| 1134232 | Cycloate | 94% |
| 110827 | Cyclohexane | 89% |
| 108930 | Cyclohexanol | 92% |
| 68359375 | Cyfluthrin | 100% |
| 68085858 | Cyhalothrin | 100% |
| 533744 | Dazomet | 97% |
| 53404607 | Dazomet, sodium salt | 46% |
| 1163195 | Decabromodiphenyl ether | 99% |
| 13684565 | Desmedipham | 91% |
| 117817 | Di(2-ethylhexyl) phthalate | 60% |
| 2303164 | Diallate | 86% |
| 25376458 | Diaminotoluene (mixed isomers) | 85% |
| 333415 | Diazinon | 93% |
| 334883 | Diazomethane | 92% |
| 132649 | Dibenzofuran | 98% |
| 84742 | Dibutyl phthalate | 85% |
| 1918009 | Dicamba | 47% |
| 99309 | Dichloran | 51% |
| 90454185 | Dichloro-1,1,2-trifluoroethane | 97% |
| 25321226 | Dichlorobenzene (mixed isomers) | 75% |
| 75274 | Dichlorobromomethane | 64% |
| 75434 | Dichlorofluoromethane | 71% |
| 75092 | Dichloromethane | 54% |
| 127564925 | Dichloropentafluoropropane | 100% |
| 97234 | Dichlorophene | 78% |

Table A-6. POTW Removals

| CAS # | Chemical | POTW Removal |
|----------|--|--------------|
| 34077877 | Dichlorotrifluoroethane | 97% |
| 62737 | Dichlorvos | 75% |
| 51338273 | Diclofop methyl | 96% |
| 115322 | Dicofol | 98% |
| 77736 | Dicyclopentadiene | 97% |
| 1464535 | Diepoxybutane | 75% |
| 111422 | Diethanolamine | 92% |
| 38727558 | Diethyl ethyl | 90% |
| 64675 | Diethyl sulfate | 95% |
| 35367385 | Diflubenzuron | 94% |
| 101906 | Diglycidyl resorcinol ether | 75% |
| 94586 | Dihydrosafrole | 71% |
| N120 | Diisocyanates | 0% |
| 55290647 | Dimethipin | 45% |
| 60515 | Dimethoate | 45% |
| 2524030 | Dimethyl chlorothiophosphate | 97% |
| 131113 | Dimethyl phthalate | 78% |
| 77781 | Dimethyl sulfate | 97% |
| 124403 | Dimethylamine | 92% |
| 2300665 | Dimethylamine dicamba | 46% |
| 79447 | Dimethylcarbamyl chloride | 100% |
| 88857 | Dinitrobutyl phenol (Dinoseb) | 46% |
| 25321146 | Dinitrotoluene (mixed isomers) | 62% |
| 39300453 | Dinocap | 100% |
| 123911 | Dioxane | 46% |
| N150 | Dioxin and dioxin-like compounds | 83% |
| 957517 | Diphenamid | 53% |
| 122394 | Diphenylamine | 77% |
| 2164070 | Dipotassium endothall | 76% |
| 136458 | Dipropyl isocinchomeronate | 97% |
| 138932 | Disodium cyanodithioimidocarbonate | 78% |
| 330541 | Diuron | 51% |
| 2439103 | Dodine | 75% |
| 28057489 | D-trans-allethrin (D-trans-chrysanthemic acid of D | 99% |
| 106898 | Epichlorohydrin | 46% |
| 13194484 | Ethoprop | 71% |
| 140885 | Ethyl acrylate | 92% |
| 541413 | Ethyl chloroformate | 82% |
| 759944 | Ethyl dipropylthiocarbamate | 60% |
| 100414 | Ethylbenzene | 94% |
| 74851 | Ethylene | 99% |
| 107211 | Ethylene glycol | 92% |
| 75218 | Ethylene oxide | 92% |
| 96457 | Ethylene thiourea | 45% |
| N171 | Ethylenebisdithiocarbamic acid, salts and esters | 1.9% |
| 151564 | Ethyleneimine (Aziridine) | 46% |
| 75343 | Ethylidene dichloride | 70% |

Table A-6. POTW Removals

| CAS # | Chemical | POTW Removal |
|----------|-------------------------------|--------------|
| 52857 | Famphur | 76% |
| 60168889 | Fenarimol | 71% |
| 13356086 | Fenbutatin oxide (Vendex) | 94% |
| 66441234 | Fenoxaprop ethyl | 100% |
| 72490018 | Fenoxycarb | 98% |
| 39515418 | Fenpropathrin | 100% |
| 55389 | Fenthion | 96% |
| 51630581 | Fenvalerate | 100% |
| 14484641 | Ferbam | 45% |
| 69806504 | Fluazifop butyl | 100% |
| 2164172 | Fluometuron | 48% |
| 7782414 | Fluorine | 1.9% |
| 51218 | Fluorouracil (5-fluorouracil) | 45% |
| 69409945 | Fluvalinate | 100% |
| 133073 | Folpet | 80% |
| 72178020 | Fomesafen | 53% |
| 50000 | Formaldehyde | 92% |
| 64186 | Formic acid | 92% |
| 76131 | Freon 113 | 100% |
| N230 | Glycol ethers | 92% |
| 76448 | Heptachlor | 99% |
| 87683 | Hexachloro-1,3-butadiene | 95% |
| 118741 | Hexachlorobenzene | 98% |
| 77474 | Hexachlorocyclopentadiene | 99% |
| 67721 | Hexachloroethane | 77% |
| 1335871 | Hexachloronaphthalene | 99% |
| 70304 | Hexachlorophene | 99% |
| 680319 | Hexamethylphosphoramide | 45% |
| 51235042 | Hexazinone | 85% |
| 67485294 | Hydramethylnon | 100% |
| 302012 | Hydrazine | 85% |
| 10034932 | Hydrazine sulfate | 1.9% |
| 7647010 | Hydrochloric acid | 100% |
| 74908 | Hydrogen cyanide | 70% |
| 7664393 | Hydrogen fluoride | 1.9% |
| 123319 | Hydroquinone | 92% |
| 35554440 | Imazalil | 79% |
| 13463406 | Iron pentacarbonyl | 0% |
| 78842 | Isobutyraldehyde | 92% |
| 465736 | Isodrin | 99% |
| 25311711 | Isofenphos | 96% |
| 67630 | Isopropyl alcohol | 92% |
| 120581 | Isosafrole | 64% |
| 77501634 | Lactofen | 99% |
| 7439921 | Lead | 77% |
| N420 | Lead compounds | 77% |
| 58899 | Lindane | 75% |

Table A-6. POTW Removals

| CAS # | Chemical | POTW Removal |
|--------------|-------------------------|---------------------|
| 330552 | Linuron | 59% |
| 554132 | Lithium carbonate | 1.9% |
| 121755 | Malathion | 93% |
| 108316 | Maleic anhydride | 100% |
| 109773 | Malononitrile | 45% |
| 12427382 | Maneb | 1.9% |
| 7439965 | Manganese | 41% |
| N450 | Manganese compounds | 41% |
| 108394 | m-Cresol | 92% |
| 99650 | m-Dinitrobenzene | 46% |
| 93652 | Mecoprop | 58% |
| 7439976 | Mercury | 90% |
| N458 | Mercury compounds | 90% |
| 150505 | Merphos | 100% |
| 126987 | Methacrylonitrile | 76% |
| 137428 | Metham sodium | 76% |
| 67561 | Methanol | 92% |
| 20354261 | Methazole | 60% |
| 2032657 | Methiocarb | 81% |
| 94746 | Methoxone (MCPA) | 61% |
| 3653483 | Methoxone sodium salt | 75% |
| 72435 | Methoxychlor | 99% |
| 96333 | Methyl acrylate | 92% |
| 79221 | Methyl chlorocarbonate | 100% |
| 78933 | Methyl ethyl ketone | 97% |
| 60344 | Methyl hydrazine | 75% |
| 74884 | Methyl iodide | 75% |
| 108101 | Methyl isobutyl ketone | 88% |
| 624839 | Methyl isocyanate | 100% |
| 556616 | Methyl isothiocyanate | 100% |
| 80626 | Methyl methacrylate | 100% |
| 298000 | Methyl parathion | 94% |
| 1634044 | Methyl tert-butyl ether | 53% |
| 74953 | Methylene bromide | 56% |
| 9006422 | Metiram | 1.9% |
| 21087649 | Metribuzin | 46% |
| 7786347 | Mevinphos | 92% |
| 90948 | Michlers Ketone | 60% |
| 2212671 | Molinate | 60% |
| 1313275 | Molybdenum trioxide | 2.5% |
| 150685 | Monuron | 23% |
| 505602 | Mustard gas | 100% |
| 108383 | m-Xylene | 65% |
| 88671890 | Myclobutanil | 68% |
| 121697 | N,N-Dimethylaniline | 49% |
| 68122 | N,N-Dimethylformamide | 85% |
| 142596 | Nabam | 90% |

Table A-6. POTW Removals

| CAS # | Chemical | POTW Removal |
|----------|---------------------------|--------------|
| 300765 | Naled | 75% |
| 91203 | Naphthalene | 95% |
| 71363 | n-Butyl alcohol | 92% |
| 110543 | n-Hexane | 100% |
| 7440020 | Nickel | 51% |
| N495 | Nickel compounds | 51% |
| N503 | Nicotine and salts | 1.9% |
| 1929824 | Nitrapyrin | 66% |
| N511 | Nitrate compounds | 90% |
| 7697372 | Nitric acid | 90% |
| 139139 | Nitrilotriacetic acid | 92% |
| 98953 | Nitrobenzene | 92% |
| 1836755 | Nitrofen | 96% |
| 51752 | Nitrogen mustard | 99% |
| 55630 | Nitroglycerin | 75% |
| 872504 | N-methyl-2-pyrrolidone | 92% |
| 924425 | N-methylolacrylamide | 92% |
| 55185 | N-Nitrosodiethylamine | 22% |
| 62759 | N-Nitrosodimethylamine | 78% |
| 924163 | N-Nitrosodi-n-butylamine | 47% |
| 621647 | N-Nitrosodi-n-propylamine | 46% |
| 86306 | N-Nitrosodiphenylamine | 90% |
| 4549400 | N-Nitrosomethylvinylamine | 59% |
| 59892 | N-Nitrosomorpholine | 45% |
| 759739 | N-Nitroso-N-ethylurea | 45% |
| 684935 | N-Nitroso-N-methylurea | 45% |
| 16543558 | N-Nitrosornicotine | 45% |
| 100754 | N-Nitrosopiperidine | 77% |
| 27314132 | Norflurazon | 48% |
| 90040 | o-Anisidine | 75% |
| 134292 | o-Anisidine hydrochloride | 46% |
| 95487 | o-Cresol | 53% |
| 2234131 | Octachloronaphthalene | 99% |
| 29082744 | Octochlorostyrene | 0% |
| 528290 | o-Dinitrobenzene | 46% |
| 19044883 | Oryzalin | 51% |
| 20816120 | Osmium tetroxide | 2.5% |
| 95534 | o-Toluidine | 93% |
| 636215 | o-Toluidine hydrochloride | 46% |
| 19666309 | Oxadiazon | 97% |
| 301122 | Oxydemeton methyl | 75% |
| 42874033 | Oxyfluorfen | 97% |
| 95476 | o-Xylene | 77% |
| 10028156 | Ozone | 1.9% |
| 104949 | p-Anisidine | 92% |
| 123637 | Paraldehyde | 45% |
| 1910425 | Paraquat dichloride | 45% |

Table A-6. POTW Removals

| CAS # | Chemical | POTW Removal |
|--------------|-----------------------------------|---------------------|
| 56382 | Parathion | 98% |
| 106478 | p-Chloroaniline | 46% |
| 95692 | p-Chloro-o-toluidine | 48% |
| 104121 | p-Chlorophenyl isocyanate | 99% |
| 120718 | p-Cresidine | 46% |
| 106445 | p-Cresol | 72% |
| 100254 | p-Dinitrobenzene | 46% |
| 1114712 | Pebulate | 98% |
| 40487421 | Pendimethalin | 99% |
| 608935 | Pentachlorobenzene | 84% |
| 76017 | Pentachloroethane | 58% |
| 87865 | Pentachlorophenol | 36% |
| 57330 | Pentobarbital sodium | 47% |
| 594423 | Perchloromethyl mercaptan | 88% |
| 52645531 | Permethrin | 100% |
| 79210 | Peroxyacetic acid | 92% |
| 85018 | Phenanthrene | 95% |
| 108952 | Phenol | 95% |
| 26002802 | Phenothrin | 100% |
| 57410 | Phenytoin | 49% |
| 75445 | Phosgene | 100% |
| 7803512 | Phosphine | 1.9% |
| 7723140 | Phosphorus (yellow or white) | 69% |
| 85449 | Phthalic anhydride | 99% |
| 1918021 | Picloram | 10% |
| 88891 | Picric acid | 22% |
| 51036 | Piperonyl butoxide | 97% |
| 29232937 | Pirimiphos methyl | 97% |
| 100016 | p-Nitroaniline | 46% |
| 156105 | p-Nitrosodiphenylamine | 58% |
| N575 | Polybrominated biphenyls (PBBs) | 94% |
| N583 | Polychlorinated alkanes | 0% |
| 1336363 | Polychlorinated biphenyls (PCBs) | 99% |
| N590 | Polycyclic aromatic compounds | 93% |
| 7758012 | Potassium bromate | 1.9% |
| 128030 | Potassium dimethyldithiocarbamate | 77% |
| 137417 | Potassium N-methyldithiocarbamate | 76% |
| 106503 | p-Phenylenediamine | 45% |
| 41198087 | Profenofos | 99% |
| 7287196 | Prometryn | 44% |
| 23950585 | Pronamide | 70% |
| 1918167 | Propachlor | 76% |
| 1120714 | Propane sultone | 71% |
| 709988 | Propanil | 56% |
| 2312358 | Propargite | 100% |
| 107197 | Propargyl alcohol | 92% |
| 31218834 | Propetamphos | 78% |

Table A-6. POTW Removals

| CAS # | Chemical | POTW Removal |
|--------------|---|---------------------|
| 60207901 | Propiconazole | 68% |
| 123386 | Propionaldehyde | 92% |
| 114261 | Propoxur | 92% |
| 115071 | Propylene (Propene) | 99% |
| 75569 | Propylene oxide | 92% |
| 75558 | Propyleneimine | 75% |
| 106423 | p-Xylene | 96% |
| 110861 | Pyridine | 95% |
| 91225 | Quinoline | 76% |
| 106514 | Quinone | 52% |
| 82688 | Quintozene | 90% |
| 76578148 | Quizalofop-ethyl | 98% |
| 10453868 | Resmethrin | 100% |
| 78488 | S,S,S-tributyltrithiophosphate | 100% |
| 81072 | Saccharin (manufacturing) | 75% |
| 94597 | Safrole | 67% |
| 78922 | sec-Butyl alcohol | 92% |
| 7782492 | Selenium | 34% |
| N725 | Selenium compounds | 34% |
| 74051802 | Sethoxydim | 84% |
| 7440224 | Silver | 88% |
| N740 | Silver compounds | 88% |
| 122349 | Simazine | 23% |
| 26628228 | Sodium azide | 1.9% |
| 1982690 | Sodium dicamba | 47% |
| 128041 | Sodium dimethyldithiocarbamate | 77% |
| 62748 | Sodium fluoroacetate | 75% |
| 7632000 | Sodium nitrite | 1.9% |
| N1000 | Sodium Nitrite (as N) | 90% |
| 132274 | Sodium o-phenylphenoxide | 95% |
| 131522 | Sodium pentachlorophenate | 96% |
| N746 | Strychnine and salts | 2.2% |
| 100425 | Styrene | 94% |
| 96093 | Styrene oxide | 75% |
| 7664939 | Sulfuric acid | 100% |
| 2699798 | Sulfuryl fluoride (Vikane) | 1.9% |
| 35400432 | Sulprofos | 100% |
| 34014181 | Tebuthiuron | 23% |
| 3383968 | Temephos | 100% |
| 5902512 | Terbacil | 46% |
| 75650 | tert-Butyl alcohol | 46% |
| 79947 | Tetrabromobisphenol-A (TBBPA) | 0% |
| 127184 | Tetrachloroethylene (Perchloroethylene) | 85% |
| 961115 | Tetrachlorvinphos | 89% |
| 64755 | Tetracycline hydrochloride | 45% |
| 7696120 | Tetramethrin | 99% |
| 7440280 | Thallium | 54% |

Table A-6. POTW Removals

| CAS # | Chemical | POTW Removal |
|-----------|--|--------------|
| N760 | Thallium compounds | 54% |
| 148798 | Thiabendazole | 49% |
| 62555 | Thioacetamide | 46% |
| 28249776 | Thiobencarb | 65% |
| 59669260 | Thiodicarb | 75% |
| 23564069 | Thiophanate ethyl | 87% |
| 23564058 | Thiophanate-methyl | 75% |
| 79196 | Thiosemicarbazide | 45% |
| 62566 | Thiourea | 75% |
| 137268 | Thiram | 75% |
| 1314201 | Thorium dioxide | 2.5% |
| 7550450 | Titanium tetrachloride | 2.0% |
| 108883 | Toluene | 96% |
| 584849 | Toluene-2,4-diisocyanate | 99% |
| 91087 | Toluene-2,6-diisocyanate | 99% |
| 26471625 | Toluenediisocyanate | 99% |
| 8001352 | Toxaphene | 99% |
| 10061026 | trans-1,3-Dichloropropene | 79% |
| 110576 | trans-1,4-Dichloro-2-butene | 80% |
| 43121433 | Triadimefon | 52% |
| 2303175 | Triallate | 95% |
| 68768 | Triaziquone | 45% |
| 101200480 | Tribenuron methyl | 78% |
| 1983104 | Tributyltin fluoride | 50% |
| 2155706 | Tributyltin methacrylate | 38% |
| 52686 | Trichlorfon | 92% |
| 76028 | Trichloroacetyl chloride | 100% |
| 79016 | Trichloroethylene | 87% |
| 57213691 | Triclopyr triethylammonium salt | 75% |
| 121448 | Triethylamine | 48% |
| 1582098 | Trifluralin | 97% |
| 26644462 | Triforine | 76% |
| 639587 | Triphenyltin chloride | 39% |
| 76879 | Triphenyltin hydroxide | 14% |
| 126727 | Tris(2,3-dibromopropyl)phosphate | 100% |
| 72571 | Trypan blue | 45% |
| 51796 | Urethane (Ethyl carbamate) | 45% |
| 7440622 | Vanadium | 8.3% |
| N770 | Vanadium compounds | 8.3% |
| 50471448 | Vinclozolin | 68% |
| 108054 | Vinyl acetate | 92% |
| 593602 | Vinyl bromide | 95% |
| 75014 | Vinyl chloride | 92% |
| 75354 | Vinylidene chloride (1,1-dichloroethylene) | 78% |
| N874 | Warfarin and salts | 3.4% |
| 1330207 | Xylene (mixed isomers) | 96% |
| 7440666 | Zinc (fume or dust) | 79% |

Table A-6. POTW Removals

| CAS # | Chemical | POTW Removal |
|--------------|-----------------|---------------------|
| N982 | Zinc compounds | 79% |
| 12122677 | Zineb | 98% |

Appendix B

**SUPPLEMENTAL MATERIALS FOR THE DEVELOPMENT OF *TRIRELEASES2008*
and *DMRLOADS2008***

| | |
|-----------|--|
| Table B-1 | Corrections Made to <i>TRIReleases2008</i> |
| Table B-2 | Corrections Made to <i>DMRLoads2008</i> |
| Table B-3 | Parameters Excluded from <i>DMRLoads2008</i> |

Table B-1. Corrections Made to TRIRelases2008

| Type of Change | Previous NAICS | New NAICS | TRIFID | Facility Name | Facility City | Facility State | Discharge Type | Chemical | Old Load | New Load |
|---------------------|----------------|-----------|-----------------|---|------------------|----------------|----------------|----------------------------------|----------------------------|----------|
| NAICS | | 541710 | 94025SDSTN2575S | U.S. DOE SLAC National Accelerator Laboratory | Menlo Park | CA | | | | |
| NAICS | | 541710 | 37831SDKRDBETHE | US DOE Oak Ridge National Laboratory | Oak Ridge | TN | | | | |
| NAICS | | 562212 | 11973SDBRK53BEL | US DOE Brookhaven National Laboratory | Upton | NY | | | | |
| NAICS | | 928110 | 03904PRTSMSEAVE | U.S. Navy Portsmouth Naval Shipyard | Kittery | ME | | | | |
| NAICS | | 423930 | 90011MTLBR5800S | Metal Briquitting | Los Angeles | CA | | | | |
| NAICS | | 325611 | 90058NRMNF5611S | Norman Fox & Co | Vernon | CA | | | | |
| NAICS | | 541710 | 07083SCHRNI011M | Schering Corp | Union | NJ | | | | |
| NAICS | | 541380 | 80305NTNLN325BR | National Institute of Standard&Technology Boulder | Boulder | CO | | | | |
| NAICS | | 336399 | 42320DCLSF72LDL | Daicel Safety Systems America LLC | Beaver Dam | KY | | | | |
| NAICS | | 325110 | 17868MRCKC100AV | Cherokee Pharmaceuticals LLC | Riverside | PA | | | | |
| NAICS | 311119 | 311119P | 07003HRTZM192BL | Hartz Mountain Corp | Bloomfield | NJ | | Phenothrin | | |
| NAICS | 311119 | 311119P | 07003HRTZM192BL | Hartz Mountain Corp | Bloomfield | NJ | | Tetrachlorvinphos | | |
| NAICS | 325120OCPSF | CWT | 08023DPNTCRT130 | Du Pont Chambers Works | Deepwater | NJ | | Chlordane | | |
| NAICS | 325120OCPSF | CWT | 08023DPNTCRT130 | Du Pont Chambers Works | Deepwater | NJ | | Hexachlorobenzene | | |
| NAICS | 325412 | 325412P | 66024FRMNT15THA | Boehringer Ingelheim Vetmedica Inc | Elwood | KS | | Dichlorvos | | |
| Load | | | 08023DPNTCRT130 | Du Pont Chambers Works | Deepwater | NJ | Direct | Hexachlorobenzene | 22 | 0 |
| Load | | | 08023DPNTCRT130 | DuPont Chambers Works | Deepwater | NJ | Direct | Polycyclic Aromatic Compounds | 76 | 0 |
| Load | | | 38401CCDNTBOX59 | Occidental Chemical Corp | Columbia | TN | Direct | Phosphorus (Yellow or White) | 0.18 | 0 |
| Load | | | 38401CRCRBSANTA | Graftech International Holdings Inc. | Columbia | TN | Direct | Polycyclic Aromatic Compounds | 1091.23 | 88.932 |
| Load | | | 45804SHLCM1150S | Lima Refining Co | Lima | OH | Direct | Phosphorus (Yellow or White) | 2963.51 | 0 |
| Load | | | 57117JHNMRI400N | John Morrell & Co | Sioux Falls | SD | Direct | Mercury and Mercury Compounds | 1572.4 | 0 |
| Load | | | 57117JHNMRI400N | John Morrell & Co | Sioux Falls | SD | Indirect | Mercury and Mercury Compounds | 140 | 0 |
| Load | | | 60434MBLJLINTER | Exxonmobil Oil Corp Joliet Refinery | Channahon | IL | Direct | Hexachlorobenzene | 48 | 0 |
| Load | | | 60608HKRMR1359W | H. Kramer & Co. | Chicago | IL | Indirect | Phosphorus (Yellow or White) | 11 | 0 |
| Load | | | 70805XXNCH4999S | Exxonmobil Chemical Baton Rouge Chemical Plant | Baton Rouge | LA | Direct | Polycyclic Aromatic Compounds | 1029 | 0 |
| Load | | | 71602SRMYP10020 | U.S. Army Pine Bluff Arsenal | Pine Bluff | AR | Direct | Phosphorus (Yellow or White) | 0.8 | 0 |
| Load | | | 77536SFTYK2027B | Clean Harbors Deer Park LP | La Porte | TX | Direct | Benzidine | 26.8 | 0 |
| Dioxin | | | 35035CHBPRRT1BO | Cahaba Pressure Treated Forest Products Inc | Brierfield | AL | Direct | Dioxin and Dioxin Like Compounds | See DCN 05384 | |
| Dioxin | | | 28451GNRLWHIGHW | Carolina Pole Leland | Leland | NC | Direct | Dioxin and Dioxin Like Compounds | See DCN 07258 | |
| Dioxin | | | 32091DPNTCSTATE | DuPont Chemicals - Starke Facility | Starke | FL | Direct | Dioxin and Dioxin Like Compounds | See DCN 07267 | |
| Dioxin | | | 39571DPNTD7685K | DuPont Delisle Plant | Pass Christian | MS | Direct | Dioxin and Dioxin Like Compounds | See DCN 07267 | |
| Dioxin | | | 19809DPNTD104HA | DuPont Edge Moor | Edgemoor | DE | Direct | Dioxin and Dioxin Like Compounds | See DCN 07267 | |
| Dioxin | | | 37134DPNTJ1DUPO | DuPont Johnsonville Plant | New Johnsonville | TN | Direct | Dioxin and Dioxin Like Compounds | See DCN 07267 | |
| Dioxin | | | 70805FRMSPGULFS | Formosa Plastics Corp Louisiana | Baton Rouge | LA | Direct | Dioxin and Dioxin Like Compounds | See DCN 07322 | |
| Dioxin | | | 77978FRMSPPOBOX | Formosa Plastics Corp Texas | Point Comfort | TX | Direct | Dioxin and Dioxin Like Compounds | See DCN 07322 | |
| Dioxin Distribution | | | 70669KRNSL3300B | Louisiana Pigment Co L.P. | Westlake | LA | Direct | Dioxin and Dioxin Like Compounds | See DCNs 06849 and 06849A1 | |
| Dioxin | | | 30903CLMBN23COL | PCS Nitrogen Fertilizer LP | Augusta | GA | Direct | Dioxin and Dioxin Like Compounds | See DCN 07321 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-----------------------------|----------------------|------|------|-------|-----------|-----------|
| C1_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 03556 | 31-Jan-08 | < |
| C1_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 03556 | 28-Feb-08 | < |
| C1_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 03556 | 31-Mar-08 | < |
| C1_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 03556 | 30-Apr-08 | < |
| C1_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 03556 | 31-May-08 | < |
| C1_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 03556 | 30-Jun-08 | < |
| C1_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 03556 | 31-Jul-08 | < |
| C1_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 03556 | 31-Aug-08 | < |
| C1_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 03556 | 30-Sep-08 | < |
| C1_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 03556 | 31-Oct-08 | < |
| C1_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 03556 | 30-Nov-08 | < |
| C1_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 03556 | 31-Dec-08 | < |
| C1_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 38691 | 31-Jan-08 | < |
| C1_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 38691 | 28-Feb-08 | < |
| C1_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 38691 | 31-Mar-08 | < |
| C1_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 38691 | 30-Apr-08 | < |
| C1_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 38691 | 31-May-08 | < |
| C1_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 38691 | 30-Jun-08 | < |
| C1_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 38691 | 31-Jul-08 | < |
| C1_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 38691 | 31-Aug-08 | < |
| C1_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 38691 | 30-Sep-08 | < |
| C1_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 38691 | 31-Oct-08 | < |
| C1_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 38691 | 30-Nov-08 | < |
| C1_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 38691 | 31-Dec-08 | < |
| C1_QUAL | RI0100048 | East Providence WPCF | East Providence, RI | 001 | 1 | 39410 | 31-Dec-08 | < |
| C1_QUAL | RI0100072 | NBC - Bucklin Point WWTF | East Providence, RI | 001 | 1 | 00610 | 28-Feb-08 | < |
| C1_QUAL | RI0100072 | NBC - Bucklin Point WWTF | East Providence, RI | 001 | 1 | 00610 | 31-Mar-08 | < |
| C1_QUAL | RI0100072 | NBC - Bucklin Point WWTF | East Providence, RI | 001 | 1 | 00610 | 30-Jun-08 | < |
| C1_QUAL | RI0100072 | NBC - Bucklin Point WWTF | East Providence, RI | 001 | 1 | 00610 | 31-Aug-08 | < |
| C1_QUAL | RI0100072 | NBC - Bucklin Point WWTF | East Providence, RI | 001 | 1 | 00625 | 31-Aug-08 | < |
| C1_QUAL | RI0100315 | NBC - Field's Point | Providence, RI | 001 | 1 | 50060 | 31-Jan-08 | < |
| C1_QUAL | RI0100315 | NBC - Field's Point | Providence, RI | 001 | 1 | 50060 | 28-Feb-08 | < |
| C1_QUAL | RI0100315 | NBC - Field's Point | Providence, RI | 001 | 1 | 50060 | 31-Mar-08 | < |
| C1_QUAL | RI0100315 | NBC - Field's Point | Providence, RI | 001 | 1 | 50060 | 30-Apr-08 | < |
| C1_QUAL | RI0100315 | NBC - Field's Point | Providence, RI | 001 | 1 | 50060 | 31-May-08 | < |
| C1_QUAL | RI0100315 | NBC - Field's Point | Providence, RI | 001 | 1 | 50060 | 30-Jun-08 | < |
| C1_QUAL | RI0100315 | NBC - Field's Point | Providence, RI | 001 | 1 | 50060 | 31-Jul-08 | < |
| C1_QUAL | RI0100315 | NBC - Field's Point | Providence, RI | 001 | 1 | 50060 | 31-Aug-08 | < |
| C1_QUAL | RI0100315 | NBC - Field's Point | Providence, RI | 001 | 1 | 50060 | 30-Sep-08 | < |
| C1_QUAL | RI0100315 | NBC - Field's Point | Providence, RI | 001 | 1 | 50060 | 31-Oct-08 | < |
| C1_QUAL | RI0100315 | NBC - Field's Point | Providence, RI | 001 | 1 | 50060 | 30-Nov-08 | < |
| C2_QUAL | GA0003620 | RAYONIER PERFORMANCE FIBERS | JESUP, GA | 0A0 | 1 | 34675 | 31-Mar-08 | < |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------------------|----------------------|------|------|-------|-----------|-----------|
| C2_QUAL | GA0003735 | Hercules, Incorporated | Brunswick, GA | 001 | 1 | 39400 | 29-Feb-08 | < |
| C2_QUAL | GA0003735 | Hercules, Incorporated | Brunswick, GA | 001 | 1 | 39400 | 31-May-08 | < |
| C2_QUAL | GA0003735 | Hercules, Incorporated | Brunswick, GA | 001 | 1 | 39400 | 31-Aug-08 | < |
| C2_QUAL | GA0003735 | Hercules, Incorporated | Brunswick, GA | 001 | 1 | 39400 | 30-Nov-08 | < |
| C2_QUAL | ID0022799 | ST. MARIES, City of | ST. MARIES, ID | 001 | 1 | 00530 | 30-Jun-08 | < |
| C2_QUAL | MO0108472 | CONSERVATION CHEM CO SITE | Kansas City, MO | 001 | 1 | 34675 | 31-Jul-08 | < |
| C2_QUAL | MO0108472 | CONSERVATION CHEM CO SITE | Kansas City, MO | 001 | 1 | 34675 | 31-Oct-08 | < |
| C2_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 31-Jan-08 | < |
| C2_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 31-Mar-08 | < |
| C2_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 30-Apr-08 | < |
| C2_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 31-May-08 | < |
| C2_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 30-Jun-08 | < |
| C2_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 31-Jul-08 | < |
| C2_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 30-Sep-08 | < |
| C2_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 31-Oct-08 | < |
| C2_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 30-Nov-08 | < |
| C2_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 31-Jan-08 | < |
| C2_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 31-Mar-08 | < |
| C2_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 30-Apr-08 | < |
| C2_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 31-May-08 | < |
| C2_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 30-Jun-08 | < |
| C2_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 31-Jul-08 | < |
| C2_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 30-Sep-08 | < |
| C2_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 31-Oct-08 | < |
| C2_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 30-Nov-08 | < |
| C2_QUAL | WV0000094 | MPM SILICONES, LLC | FRIENDLY, WV | 001 | 1 | 01119 | 30-Jun-08 | < |
| C2_QUAL | WV0000094 | MPM SILICONES, LLC | FRIENDLY, WV | 001 | 1 | 01119 | 30-Sep-08 | < |
| C2_QUAL | WV0001279 | E I DUPONT DE NEMOURS & CO | Washington, WV | 002 | 1 | 39700 | 31-Jul-08 | < |
| C2_QUAL | WV0001279 | E I DUPONT DE NEMOURS & CO | Washington, WV | 005 | 1 | 39700 | 31-Jul-08 | < |
| C2_QUAL | WV0001279 | E I DUPONT DE NEMOURS & CO | Washington, WV | 105 | 1 | 39700 | 31-Jul-08 | < |
| C3_QUAL | DC0000094 | PEPCO - BENNING | Washington, DC | 013 | 1 | 39496 | 31-Jul-08 | < |
| C3_QUAL | DC0000094 | PEPCO - BENNING | Washington, DC | 013 | 1 | 39496 | 30-Sep-08 | < |
| C3_QUAL | DC0000094 | PEPCO - BENNING | Washington, DC | 013 | 1 | 39504 | 31-Jul-08 | < |
| C3_QUAL | DC0000094 | PEPCO - BENNING | Washington, DC | 013 | 1 | 39504 | 30-Sep-08 | < |
| C3_QUAL | DC0000094 | PEPCO - BENNING | Washington, DC | 013 | 1 | 39508 | 31-Jul-08 | < |
| C3_QUAL | DC0000094 | PEPCO - BENNING | Washington, DC | 013 | 1 | 39508 | 30-Sep-08 | < |
| C3_QUAL | ID0026590 | Hayden Area Regional Sewer Board | Hayden, ID | 001 | 1 | 01113 | 31-Oct-08 | < |
| C3_QUAL | ID0026590 | Hayden Area Regional Sewer Board | Hayden, ID | 001 | 1 | 01113 | 30-Nov-08 | < |
| C3_QUAL | KY0090794 | Valley View Landfill | Trimble County, KY | 001 | 1 | 71901 | 30-Jun-08 | < |
| C3_QUAL | KY0090794 | Valley View Landfill | Trimble County, KY | 004 | 1 | 71901 | 31-Mar-08 | < |
| C3_QUAL | ME0001872 | DOMTAR INDUSTRIES INC | Baileysville /T/, ME | 100 | 1 | 34675 | 30-Apr-08 | < |
| C3_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 31-Jan-08 | < |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--------------------------|----------------------|------|------|-------|-----------|-----------|
| C3_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 31-Mar-08 | < |
| C3_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 30-Apr-08 | < |
| C3_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 31-May-08 | < |
| C3_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 30-Jun-08 | < |
| C3_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 31-Jul-08 | < |
| C3_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 30-Sep-08 | < |
| C3_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 31-Oct-08 | < |
| C3_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 30-Nov-08 | < |
| C3_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 31-Jan-08 | < |
| C3_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 31-Mar-08 | < |
| C3_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 30-Apr-08 | < |
| C3_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 31-May-08 | < |
| C3_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 30-Jun-08 | < |
| C3_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 31-Jul-08 | < |
| C3_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 30-Sep-08 | < |
| C3_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 31-Oct-08 | < |
| C3_QUAL | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 30-Nov-08 | < |
| C3_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 03556 | 31-Jan-08 | < |
| C3_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 03556 | 28-Feb-08 | < |
| C3_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 03556 | 31-Mar-08 | < |
| C3_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 03556 | 30-Apr-08 | < |
| C3_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 03556 | 31-May-08 | < |
| C3_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 03556 | 30-Jun-08 | < |
| C3_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 03556 | 31-Jul-08 | < |
| C3_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 03556 | 31-Aug-08 | < |
| C3_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 03556 | 30-Sep-08 | < |
| C3_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 03556 | 31-Oct-08 | < |
| C3_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 03556 | 30-Nov-08 | < |
| C3_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 03556 | 31-Dec-08 | < |
| C3_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 38691 | 31-Jan-08 | < |
| C3_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 38691 | 28-Feb-08 | < |
| C3_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 38691 | 31-Mar-08 | < |
| C3_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 38691 | 30-Apr-08 | < |
| C3_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 38691 | 31-May-08 | < |
| C3_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 38691 | 30-Jun-08 | < |
| C3_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 38691 | 31-Jul-08 | < |
| C3_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 38691 | 31-Aug-08 | < |
| C3_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 38691 | 30-Sep-08 | < |
| C3_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 38691 | 31-Oct-08 | < |
| C3_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 38691 | 30-Nov-08 | < |
| C3_QUAL | NC0000680 | Domtar Paper Company LLC | Plymouth Town PV, NC | 006 | 1 | 38691 | 31-Dec-08 | < |
| C3_QUAL | PR0023795 | Prasa Mayaguez R W W T P | Mayaguez, PR | 001 | 1 | 01147 | 30-Apr-08 | < |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|----------------|------|------|-------|-----------|-----------|
| C3_QUAL | WV0001279 | E I DUPONT DE NEMOURS & CO | Washington, WV | 002 | 1 | 39700 | 31-Jul-08 | < |
| C3_QUAL | WV0001279 | E I DUPONT DE NEMOURS & CO | Washington, WV | 005 | 1 | 39700 | 31-Jul-08 | < |
| C3_QUAL | WV0001279 | E I DUPONT DE NEMOURS & CO | Washington, WV | 105 | 1 | 39700 | 31-Jul-08 | < |
| DEL | AK0043451 | Unalaska, City of | Unalaska, AK | 001 | 1 | 00310 | 31-Jan-08 | |
| DEL | AK0043451 | Unalaska, City of | Unalaska, AK | 001 | 1 | 00310 | 28-Feb-08 | |
| DEL | AK0043451 | Unalaska, City of | Unalaska, AK | 001 | 1 | 00310 | 31-Mar-08 | |
| DEL | AK0043451 | Unalaska, City of | Unalaska, AK | 001 | 1 | 00310 | 30-Apr-08 | |
| DEL | AK0043451 | Unalaska, City of | Unalaska, AK | 001 | 1 | 00310 | 31-May-08 | |
| DEL | AK0043451 | Unalaska, City of | Unalaska, AK | 001 | 1 | 00310 | 30-Jun-08 | |
| DEL | AK0043451 | Unalaska, City of | Unalaska, AK | 001 | 1 | 00310 | 31-Jul-08 | |
| DEL | AK0043451 | Unalaska, City of | Unalaska, AK | 001 | 1 | 00310 | 31-Aug-08 | |
| DEL | AK0043451 | Unalaska, City of | Unalaska, AK | 001 | 1 | 00310 | 30-Sep-08 | |
| DEL | AK0043451 | Unalaska, City of | Unalaska, AK | 001 | 1 | 00310 | 31-Oct-08 | |
| DEL | AK0043451 | Unalaska, City of | Unalaska, AK | 001 | 1 | 00310 | 30-Nov-08 | |
| DEL | AK0043451 | Unalaska, City of | Unalaska, AK | 001 | 1 | 00310 | 31-Dec-08 | |
| DEL | AK0043451 | Unalaska, City of | Unalaska, AK | 001 | 1 | 00530 | 31-Jan-08 | |
| DEL | AK0043451 | Unalaska, City of | Unalaska, AK | 001 | 1 | 00530 | 28-Feb-08 | |
| DEL | AK0043451 | Unalaska, City of | Unalaska, AK | 001 | 1 | 00530 | 31-Mar-08 | |
| DEL | AK0043451 | Unalaska, City of | Unalaska, AK | 001 | 1 | 00530 | 30-Apr-08 | |
| DEL | AK0043451 | Unalaska, City of | Unalaska, AK | 001 | 1 | 00530 | 31-May-08 | |
| DEL | AK0043451 | Unalaska, City of | Unalaska, AK | 001 | 1 | 00530 | 30-Jun-08 | |
| DEL | AK0043451 | Unalaska, City of | Unalaska, AK | 001 | 1 | 00530 | 31-Jul-08 | |
| DEL | AK0043451 | Unalaska, City of | Unalaska, AK | 001 | 1 | 00530 | 31-Aug-08 | |
| DEL | AK0043451 | Unalaska, City of | Unalaska, AK | 001 | 1 | 00530 | 30-Sep-08 | |
| DEL | AK0043451 | Unalaska, City of | Unalaska, AK | 001 | 1 | 00530 | 31-Oct-08 | |
| DEL | AK0043451 | Unalaska, City of | Unalaska, AK | 001 | 1 | 00530 | 30-Nov-08 | |
| DEL | AK0043451 | Unalaska, City of | Unalaska, AK | 001 | 1 | 00530 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00010 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00010 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00010 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00010 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00010 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00010 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00010 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00010 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00010 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00010 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00010 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00010 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00070 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00070 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00070 | 31-Mar-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|------------|------|------|-------|-----------|-----------|
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00070 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00070 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00070 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00070 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00070 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00070 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00070 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00070 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00070 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00095 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00095 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00095 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00095 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00095 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00095 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00095 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00095 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00095 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00095 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00095 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00095 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00300 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00300 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00300 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00300 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00300 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00300 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00300 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00300 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00300 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00300 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00300 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00300 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00400 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00400 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00400 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00400 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00400 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00400 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00400 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00400 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00400 | 30-Sep-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|------------|------|------|-------|-----------|-----------|
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00400 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00400 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00400 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00530 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00530 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00530 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00530 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00530 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00530 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00530 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00530 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00530 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00530 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00530 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00530 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00600 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00600 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00600 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00600 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00600 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00600 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00600 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00600 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00600 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00600 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00600 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00600 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00608 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00608 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00608 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00608 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00608 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00608 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00608 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00608 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00608 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00608 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00608 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00608 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00610 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00610 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00610 | 31-Mar-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|------------|------|------|-------|-----------|-----------|
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00610 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00610 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00610 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00610 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00610 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00610 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00610 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00610 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00610 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00619 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00619 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00619 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00619 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00619 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00619 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00619 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00619 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00619 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00619 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00619 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00619 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00625 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00625 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00625 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00625 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00625 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00625 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00625 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00625 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00625 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00625 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00625 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00625 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00665 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00665 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00665 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00665 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00665 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00665 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00665 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00665 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00665 | 30-Sep-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|------------|------|------|-------|-----------|-----------|
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00665 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00665 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00665 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00951 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00951 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00951 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00951 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00951 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00951 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00951 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00951 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00951 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00951 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00951 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 001 | 1 | 00951 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00400 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00400 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00400 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00400 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00400 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00400 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00400 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00400 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00400 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00400 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00400 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00400 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00600 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00600 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00600 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00600 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00600 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00600 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00600 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00600 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00600 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00600 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00600 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00600 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00665 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00665 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00665 | 31-Mar-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|------------|------|------|-------|-----------|-----------|
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00665 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00665 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00665 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00665 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00665 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00665 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00665 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00665 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00665 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00951 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00951 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00951 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00951 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00951 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00951 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00951 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00951 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00951 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00951 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00951 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 102 | 1 | 00951 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00070 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00070 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00070 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00070 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00070 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00070 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00070 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00070 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00070 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00070 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00070 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00070 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00400 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00400 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00400 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00400 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00400 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00400 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00400 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00400 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00400 | 30-Sep-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|------------|------|------|-------|-----------|-----------|
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00400 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00400 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00400 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00530 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00530 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00530 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00530 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00530 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00530 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00530 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00530 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00530 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00530 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00530 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00530 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00665 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00665 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00665 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00665 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00665 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00665 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00665 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00665 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00665 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00665 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00665 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00665 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00951 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00951 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00951 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00951 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00951 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00951 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00951 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00951 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00951 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00951 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00951 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 106 | 1 | 00951 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00070 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00070 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00070 | 31-Mar-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|------------|------|------|-------|-----------|-----------|
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00070 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00070 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00070 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00070 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00070 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00070 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00070 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00070 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00070 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00400 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00400 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00400 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00400 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00400 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00400 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00400 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00400 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00400 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00400 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00400 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00400 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00515 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00515 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00515 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00515 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00515 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00515 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00515 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00515 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00515 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00515 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00515 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00515 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00530 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00530 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00530 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00530 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00530 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00530 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00530 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00530 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00530 | 30-Sep-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|------------|------|------|-------|-----------|-----------|
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00530 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00530 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00530 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00665 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00665 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00665 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00665 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00665 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00665 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00665 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00665 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00665 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00665 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00665 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 107 | 1 | 00665 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00070 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00070 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00070 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00070 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00070 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00070 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00070 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00070 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00070 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00070 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00070 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00070 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00400 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00400 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00400 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00400 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00400 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00400 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00400 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00400 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00400 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00400 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00400 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00400 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00515 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00515 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00515 | 31-Mar-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|------------|------|------|-------|-----------|-----------|
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00515 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00515 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00515 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00515 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00515 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00515 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00515 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00515 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00515 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00530 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00530 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00530 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00530 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00530 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00530 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00530 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00530 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00530 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00530 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00530 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00530 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00665 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00665 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00665 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00665 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00665 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00665 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00665 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00665 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00665 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00665 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00665 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 109 | 1 | 00665 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00400 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00400 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00400 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00400 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00400 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00400 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00400 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00400 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00400 | 30-Sep-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|------------|------|------|-------|-----------|-----------|
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00400 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00400 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00400 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00600 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00600 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00600 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00600 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00600 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00600 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00600 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00600 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00600 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00600 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00600 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00600 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00665 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00665 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00665 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00665 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00665 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00665 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00665 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00665 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00665 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00665 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00665 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00665 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00951 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00951 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00951 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00951 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00951 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00951 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00951 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00951 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00951 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00951 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00951 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1A2 | 1 | 00951 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00070 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00070 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00070 | 31-Mar-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|------------|------|------|-------|-----------|-----------|
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00070 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00070 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00070 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00070 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00070 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00070 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00070 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00070 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00070 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00095 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00095 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00095 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00095 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00095 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00095 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00095 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00095 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00095 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00095 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00095 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00095 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00400 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00400 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00400 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00400 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00400 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00400 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00400 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00400 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00400 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00400 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00400 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00400 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00530 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00530 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00530 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00530 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00530 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00530 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00530 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00530 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00530 | 30-Sep-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|------------|------|------|-------|-----------|-----------|
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00530 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00530 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00530 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00600 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00600 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00600 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00600 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00600 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00600 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00600 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00600 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00600 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00600 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00600 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00600 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00610 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00610 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00610 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00610 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00610 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00610 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00610 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00610 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00610 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00610 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00610 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00610 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00665 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00665 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00665 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00665 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00665 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00665 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00665 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00665 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00665 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00665 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00665 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00665 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00951 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00951 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00951 | 31-Mar-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|-------------------|------|------|-------|-----------|-----------|
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00951 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00951 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00951 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00951 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00951 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00951 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00951 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00951 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 00951 | 31-Dec-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 70295 | 31-Jan-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 70295 | 28-Feb-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 70295 | 31-Mar-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 70295 | 30-Apr-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 70295 | 31-May-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 70295 | 30-Jun-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 70295 | 31-Jul-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 70295 | 31-Aug-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 70295 | 30-Sep-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 70295 | 31-Oct-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 70295 | 30-Nov-08 | |
| DEL | FL0000655 | PCS Phosphate-White Springs- | Jasper, FL | 1H8 | 1 | 70295 | 31-Dec-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00010 | 31-Jan-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00010 | 28-Feb-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00010 | 31-Mar-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00010 | 30-Apr-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00010 | 31-May-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00010 | 30-Jun-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00010 | 31-Jul-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00010 | 31-Aug-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00010 | 30-Sep-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00010 | 31-Oct-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00010 | 30-Nov-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00010 | 31-Dec-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00070 | 31-Jan-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00070 | 28-Feb-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00070 | 31-Mar-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00070 | 30-Apr-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00070 | 31-May-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00070 | 30-Jun-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00070 | 31-Jul-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00070 | 31-Aug-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00070 | 30-Sep-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|-------------------|------|------|-------|-----------|-----------|
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00070 | 31-Oct-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00070 | 30-Nov-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00070 | 31-Dec-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00300 | 31-Jan-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00300 | 28-Feb-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00300 | 31-Mar-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00300 | 30-Apr-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00300 | 31-May-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00300 | 30-Jun-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00300 | 31-Jul-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00300 | 31-Aug-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00300 | 30-Sep-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00300 | 31-Oct-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00300 | 30-Nov-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00300 | 31-Dec-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00400 | 31-Jan-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00400 | 28-Feb-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00400 | 31-Mar-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00400 | 30-Apr-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00400 | 31-May-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00400 | 30-Jun-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00400 | 31-Jul-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00400 | 31-Aug-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00400 | 30-Sep-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00400 | 31-Oct-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00400 | 30-Nov-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00400 | 31-Dec-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00530 | 31-Jan-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00530 | 28-Feb-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00530 | 31-Mar-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00530 | 30-Apr-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00530 | 31-May-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00530 | 30-Jun-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00530 | 31-Jul-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00530 | 31-Aug-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00530 | 30-Sep-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00530 | 31-Oct-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00530 | 30-Nov-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00530 | 31-Dec-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00600 | 31-Jan-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00600 | 28-Feb-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00600 | 31-Mar-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|-------------------|------|------|-------|-----------|-----------|
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00600 | 30-Apr-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00600 | 31-May-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00600 | 30-Jun-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00600 | 31-Jul-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00600 | 31-Aug-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00600 | 30-Sep-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00600 | 31-Oct-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00600 | 30-Nov-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00600 | 31-Dec-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00608 | 31-Jan-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00608 | 28-Feb-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00608 | 31-Mar-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00608 | 30-Apr-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00608 | 31-May-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00608 | 30-Jun-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00608 | 31-Jul-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00608 | 31-Aug-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00608 | 30-Sep-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00608 | 31-Oct-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00608 | 30-Nov-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00608 | 31-Dec-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00610 | 31-Jan-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00610 | 28-Feb-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00610 | 31-Mar-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00610 | 30-Apr-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00610 | 31-May-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00610 | 30-Jun-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00610 | 31-Jul-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00610 | 31-Aug-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00610 | 30-Sep-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00610 | 31-Oct-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00610 | 30-Nov-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00610 | 31-Dec-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00619 | 31-Jan-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00619 | 28-Feb-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00619 | 31-Mar-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00619 | 30-Apr-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00619 | 31-May-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00619 | 30-Jun-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00619 | 31-Jul-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00619 | 31-Aug-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00619 | 30-Sep-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|-------------------|------|------|-------|-----------|-----------|
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00619 | 31-Oct-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00619 | 30-Nov-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00619 | 31-Dec-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00665 | 31-Jan-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00665 | 28-Feb-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00665 | 31-Mar-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00665 | 30-Apr-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00665 | 31-May-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00665 | 30-Jun-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00665 | 31-Jul-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00665 | 31-Aug-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00665 | 30-Sep-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00665 | 31-Oct-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00665 | 30-Nov-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 001 | 1 | 00665 | 31-Dec-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00070 | 31-Jan-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00070 | 28-Feb-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00070 | 31-Mar-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00070 | 30-Apr-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00070 | 31-May-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00070 | 30-Jun-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00070 | 31-Jul-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00070 | 31-Aug-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00070 | 30-Sep-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00070 | 31-Oct-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00070 | 30-Nov-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00070 | 31-Dec-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00300 | 31-Jan-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00300 | 28-Feb-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00300 | 31-Mar-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00300 | 30-Apr-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00300 | 31-May-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00300 | 30-Jun-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00300 | 31-Jul-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00300 | 31-Aug-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00300 | 30-Sep-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00300 | 31-Oct-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00300 | 30-Nov-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00300 | 31-Dec-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00400 | 31-Jan-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00400 | 28-Feb-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00400 | 31-Mar-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|-------------------|------|------|-------|-----------|-----------|
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00400 | 30-Apr-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00400 | 31-May-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00400 | 30-Jun-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00400 | 31-Jul-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00400 | 31-Aug-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00400 | 30-Sep-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00400 | 31-Oct-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00400 | 30-Nov-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00400 | 31-Dec-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00530 | 31-Jan-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00530 | 28-Feb-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00530 | 31-Mar-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00530 | 30-Apr-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00530 | 31-May-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00530 | 30-Jun-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00530 | 31-Jul-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00530 | 31-Aug-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00530 | 30-Sep-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00530 | 31-Oct-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00530 | 30-Nov-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00530 | 31-Dec-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00600 | 31-Jan-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00600 | 28-Feb-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00600 | 31-Mar-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00600 | 30-Apr-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00600 | 31-May-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00600 | 30-Jun-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00600 | 31-Jul-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00600 | 31-Aug-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00600 | 30-Sep-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00600 | 31-Oct-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00600 | 30-Nov-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00600 | 31-Dec-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00665 | 31-Jan-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00665 | 28-Feb-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00665 | 31-Mar-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00665 | 30-Apr-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00665 | 31-May-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00665 | 30-Jun-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00665 | 31-Jul-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00665 | 31-Aug-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00665 | 30-Sep-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|-------------------|------|------|-------|-----------|-----------|
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00665 | 31-Oct-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00665 | 30-Nov-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 004 | 1 | 00665 | 31-Dec-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00400 | 31-Jan-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00400 | 28-Feb-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00400 | 31-Mar-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00400 | 30-Apr-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00400 | 31-May-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00400 | 30-Jun-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00400 | 31-Jul-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00400 | 31-Aug-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00400 | 30-Sep-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00400 | 31-Oct-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00400 | 30-Nov-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00400 | 31-Dec-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00600 | 31-Jan-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00600 | 28-Feb-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00600 | 31-Mar-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00600 | 30-Apr-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00600 | 31-May-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00600 | 30-Jun-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00600 | 31-Jul-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00600 | 31-Aug-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00600 | 30-Sep-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00600 | 31-Oct-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00600 | 30-Nov-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00600 | 31-Dec-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00665 | 31-Jan-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00665 | 28-Feb-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00665 | 31-Mar-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00665 | 30-Apr-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00665 | 31-May-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00665 | 30-Jun-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00665 | 31-Jul-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00665 | 31-Aug-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00665 | 30-Sep-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00665 | 31-Oct-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00665 | 30-Nov-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 122 | 1 | 00665 | 31-Dec-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00070 | 31-Jan-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00070 | 28-Feb-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00070 | 31-Mar-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--------------------------------|--------------------|------|------|-------|-----------|-----------|
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00070 | 30-Apr-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00070 | 31-May-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00070 | 30-Jun-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00070 | 31-Jul-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00070 | 31-Aug-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00070 | 30-Sep-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00070 | 31-Oct-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00070 | 30-Nov-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00070 | 31-Dec-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00530 | 31-Jan-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00530 | 28-Feb-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00530 | 31-Mar-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00530 | 30-Apr-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00530 | 31-May-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00530 | 30-Jun-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00530 | 31-Jul-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00530 | 31-Aug-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00530 | 30-Sep-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00530 | 31-Oct-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00530 | 30-Nov-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00530 | 31-Dec-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00600 | 31-Jan-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00600 | 28-Feb-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00600 | 31-Mar-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00600 | 30-Apr-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00600 | 31-May-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00600 | 30-Jun-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00600 | 31-Jul-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00600 | 31-Aug-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00600 | 30-Sep-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00600 | 31-Oct-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00600 | 30-Nov-08 | |
| DEL | FL0036226 | PCS Phosphate White Springs- | White Springs, FL | 128 | 1 | 00600 | 31-Dec-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 34675 | 31-Jan-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 34675 | 31-Jan-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 34675 | 28-Feb-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 34675 | 28-Feb-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 34675 | 31-Mar-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 34675 | 31-Mar-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 34675 | 30-Apr-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 34675 | 30-Apr-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 34675 | 31-May-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--------------------------------|--------------------|------|------|-------|-----------|-----------|
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 34675 | 31-May-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 34675 | 30-Jun-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 34675 | 30-Jun-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 34675 | 31-Jul-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 34675 | 31-Jul-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 34675 | 31-Aug-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 34675 | 31-Aug-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 34675 | 30-Sep-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 34675 | 30-Sep-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 34675 | 31-Oct-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 34675 | 31-Oct-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 34675 | 30-Nov-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 34675 | 30-Nov-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 34675 | 31-Dec-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 34675 | 31-Dec-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 38691 | 31-Jan-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 38691 | 31-Jan-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 38691 | 28-Feb-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 38691 | 28-Feb-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 38691 | 31-Mar-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 38691 | 31-Mar-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 38691 | 30-Apr-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 38691 | 30-Apr-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 38691 | 31-May-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 38691 | 31-May-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 38691 | 30-Jun-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 38691 | 30-Jun-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 38691 | 31-Jul-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 38691 | 31-Jul-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 38691 | 31-Aug-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 38691 | 31-Aug-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 38691 | 30-Sep-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 38691 | 30-Sep-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 38691 | 31-Oct-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 38691 | 31-Oct-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 38691 | 30-Nov-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 38691 | 30-Nov-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 38691 | 31-Dec-08 | |
| DEL | KY0001716 | Domtar Paper Co LLC HAWESVILLE | Hancock County, KY | BP0 | 1 | 38691 | 31-Dec-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 00154 | 31-Jan-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 00154 | 28-Feb-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 00154 | 31-Mar-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--------------------------|-----------|------|------|-------|-----------|-----------|
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 00154 | 30-Apr-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 00154 | 31-May-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 00154 | 30-Jun-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 00154 | 31-Jul-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 00154 | 31-Aug-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 00154 | 30-Sep-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 00154 | 31-Oct-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 00154 | 30-Nov-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 00154 | 31-Dec-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01000 | 31-Jan-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01000 | 28-Feb-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01000 | 31-Mar-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01000 | 30-Apr-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01000 | 31-May-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01000 | 30-Jun-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01000 | 31-Jul-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01000 | 31-Aug-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01000 | 30-Sep-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01000 | 31-Oct-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01000 | 30-Nov-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01000 | 31-Dec-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01025 | 31-Jan-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01025 | 28-Feb-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01025 | 31-Mar-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01025 | 30-Apr-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01025 | 31-May-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01025 | 30-Jun-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01025 | 31-Jul-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01025 | 31-Aug-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01025 | 30-Sep-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01025 | 31-Oct-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01025 | 30-Nov-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01025 | 31-Dec-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01040 | 31-Jan-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01040 | 28-Feb-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01040 | 31-Mar-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01040 | 30-Apr-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01040 | 31-May-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01040 | 30-Jun-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01040 | 31-Jul-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01040 | 31-Aug-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01040 | 30-Sep-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--------------------------|----------------|------|------|-------|-----------|-----------|
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01040 | 31-Oct-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01040 | 30-Nov-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01040 | 31-Dec-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01049 | 31-Jan-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01049 | 28-Feb-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01049 | 31-Mar-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01049 | 30-Apr-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01049 | 31-May-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01049 | 30-Jun-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01049 | 31-Jul-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01049 | 31-Aug-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01049 | 30-Sep-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01049 | 31-Oct-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01049 | 30-Nov-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01049 | 31-Dec-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01090 | 31-Jan-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01090 | 28-Feb-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01090 | 31-Mar-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01090 | 30-Apr-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01090 | 31-May-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01090 | 30-Jun-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01090 | 31-Jul-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01090 | 31-Aug-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01090 | 30-Sep-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01090 | 31-Oct-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01090 | 30-Nov-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01090 | 31-Dec-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01095 | 31-Jan-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01095 | 28-Feb-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01095 | 31-Mar-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01095 | 30-Apr-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01095 | 31-May-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01095 | 30-Jun-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01095 | 31-Jul-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01095 | 31-Aug-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01095 | 30-Sep-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01095 | 31-Oct-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01095 | 30-Nov-08 | |
| DEL | MO0000337 | Buick Resource Recycling | Bixby, MO | SM1 | 1 | 01095 | 31-Dec-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 001 | 1 | 00400 | 31-Mar-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 001 | 1 | 00400 | 30-Jun-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 001 | 1 | 00400 | 30-Sep-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------|----------------|------|------|-------|-----------|-----------|
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 001 | 1 | 00400 | 31-Dec-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 001 | 1 | 00530 | 31-Mar-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 001 | 1 | 00530 | 30-Jun-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 001 | 1 | 00530 | 30-Sep-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 001 | 1 | 00530 | 31-Dec-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 001 | 1 | 00951 | 31-Mar-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 001 | 1 | 00951 | 30-Jun-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 001 | 1 | 00951 | 30-Sep-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 001 | 1 | 00951 | 31-Dec-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 001 | 1 | 01074 | 31-Mar-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 001 | 1 | 01074 | 30-Jun-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 001 | 1 | 01074 | 30-Sep-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 001 | 1 | 01074 | 31-Dec-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 001 | 1 | 01104 | 31-Mar-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 001 | 1 | 01104 | 30-Jun-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 001 | 1 | 01104 | 30-Sep-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 001 | 1 | 01104 | 31-Dec-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 001 | 1 | 01268 | 31-Mar-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 001 | 1 | 01268 | 30-Jun-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 001 | 1 | 01268 | 30-Sep-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 001 | 1 | 01268 | 31-Dec-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 001 | 1 | 34247 | 31-Mar-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 001 | 1 | 34247 | 30-Jun-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 001 | 1 | 34247 | 30-Sep-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 001 | 1 | 34247 | 31-Dec-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 00400 | 31-Mar-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 00400 | 30-Jun-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 00400 | 30-Sep-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 00400 | 31-Dec-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 00530 | 31-Mar-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 00530 | 30-Jun-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 00530 | 30-Sep-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 00530 | 31-Dec-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 00550 | 31-Mar-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 00550 | 30-Jun-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 00550 | 30-Sep-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 00550 | 31-Dec-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 00951 | 31-Mar-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 00951 | 30-Jun-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 00951 | 30-Sep-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 00951 | 31-Dec-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 01074 | 31-Mar-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------|----------------|------|------|-------|-----------|-----------|
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 01074 | 30-Jun-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 01074 | 30-Sep-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 01074 | 31-Dec-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 01104 | 31-Mar-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 01104 | 30-Jun-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 01104 | 30-Sep-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 01104 | 31-Dec-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 01268 | 31-Mar-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 01268 | 30-Jun-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 01268 | 30-Sep-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 01268 | 31-Dec-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 34247 | 31-Mar-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 34247 | 30-Jun-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 34247 | 30-Sep-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 002 | 1 | 34247 | 31-Dec-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 003 | 1 | 00400 | 31-Mar-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 003 | 1 | 00400 | 30-Jun-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 003 | 1 | 00400 | 30-Sep-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 003 | 1 | 00400 | 31-Dec-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 003 | 1 | 00530 | 31-Mar-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 003 | 1 | 00530 | 30-Jun-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 003 | 1 | 00530 | 30-Sep-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 003 | 1 | 00530 | 31-Dec-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 003 | 1 | 00951 | 31-Mar-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 003 | 1 | 00951 | 30-Jun-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 003 | 1 | 00951 | 30-Sep-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 003 | 1 | 00951 | 31-Dec-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 003 | 1 | 01074 | 31-Mar-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 003 | 1 | 01074 | 30-Jun-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 003 | 1 | 01074 | 30-Sep-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 003 | 1 | 01074 | 31-Dec-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 003 | 1 | 01104 | 31-Mar-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 003 | 1 | 01104 | 30-Jun-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 003 | 1 | 01104 | 30-Sep-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 003 | 1 | 01104 | 31-Dec-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 003 | 1 | 01268 | 31-Mar-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 003 | 1 | 01268 | 30-Jun-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 003 | 1 | 01268 | 30-Sep-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 003 | 1 | 01268 | 31-Dec-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 003 | 1 | 34247 | 31-Mar-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 003 | 1 | 34247 | 30-Jun-08 | |
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 003 | 1 | 34247 | 30-Sep-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|----------------|------|------|-------|-----------|-----------|
| DEL | MO0105732 | NORANDA ALUMINUM INC | New Madrid, MO | 003 | 1 | 34247 | 31-Dec-08 | |
| DEL | MS0001261 | ENTERGY Mississippi Inc | Greenville, MS | 002 | 1 | 00310 | 31-Mar-08 | |
| DEL | MS0001261 | ENTERGY Mississippi Inc | Greenville, MS | 002 | 1 | 00310 | 30-Jun-08 | |
| DEL | MS0001261 | ENTERGY Mississippi Inc | Greenville, MS | 002 | 1 | 00310 | 30-Sep-08 | |
| DEL | MS0001261 | ENTERGY Mississippi Inc | Greenville, MS | 002 | 1 | 00310 | 31-Dec-08 | |
| DEL | MS0001261 | ENTERGY Mississippi Inc | Greenville, MS | 002 | 1 | 00400 | 31-Mar-08 | |
| DEL | MS0001261 | ENTERGY Mississippi Inc | Greenville, MS | 002 | 1 | 00400 | 30-Jun-08 | |
| DEL | MS0001261 | ENTERGY Mississippi Inc | Greenville, MS | 002 | 1 | 00400 | 30-Sep-08 | |
| DEL | MS0001261 | ENTERGY Mississippi Inc | Greenville, MS | 002 | 1 | 00400 | 31-Dec-08 | |
| DEL | MS0001261 | ENTERGY Mississippi Inc | Greenville, MS | 002 | 1 | 00530 | 31-Mar-08 | |
| DEL | MS0001261 | ENTERGY Mississippi Inc | Greenville, MS | 002 | 1 | 00530 | 30-Jun-08 | |
| DEL | MS0001261 | ENTERGY Mississippi Inc | Greenville, MS | 002 | 1 | 00530 | 30-Sep-08 | |
| DEL | MS0001261 | ENTERGY Mississippi Inc | Greenville, MS | 002 | 1 | 00530 | 31-Dec-08 | |
| DEL | MS0001261 | ENTERGY Mississippi Inc | Greenville, MS | 002 | 1 | 50060 | 31-Mar-08 | |
| DEL | MS0001261 | ENTERGY Mississippi Inc | Greenville, MS | 002 | 1 | 50060 | 30-Jun-08 | |
| DEL | MS0001261 | ENTERGY Mississippi Inc | Greenville, MS | 002 | 1 | 50060 | 30-Sep-08 | |
| DEL | MS0001261 | ENTERGY Mississippi Inc | Greenville, MS | 002 | 1 | 50060 | 31-Dec-08 | |
| DEL | MS0001261 | ENTERGY Mississippi Inc | Greenville, MS | 002 | 1 | 74055 | 31-Mar-08 | |
| DEL | MS0001261 | ENTERGY Mississippi Inc | Greenville, MS | 002 | 1 | 74055 | 30-Jun-08 | |
| DEL | MS0001261 | ENTERGY Mississippi Inc | Greenville, MS | 002 | 1 | 74055 | 30-Sep-08 | |
| DEL | MS0001261 | ENTERGY Mississippi Inc | Greenville, MS | 002 | 1 | 74055 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00400 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00400 | 28-Feb-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00400 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00400 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00400 | 31-May-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00400 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00400 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00400 | 31-Aug-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00400 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00400 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00400 | 30-Nov-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00400 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00552 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00552 | 28-Feb-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00552 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00552 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00552 | 31-May-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00552 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00552 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00552 | 31-Aug-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00552 | 30-Sep-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|---------------|------|------|-------|-----------|-----------|
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00552 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00552 | 30-Nov-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00552 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00630 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00630 | 28-Feb-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00630 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00630 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00630 | 31-May-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00630 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00630 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00630 | 31-Aug-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00630 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00630 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00630 | 30-Nov-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 00630 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01027 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01027 | 28-Feb-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01027 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01027 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01027 | 31-May-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01027 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01027 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01027 | 31-Aug-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01027 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01027 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01027 | 30-Nov-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01027 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01051 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01051 | 28-Feb-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01051 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01051 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01051 | 31-May-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01051 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01051 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01051 | 31-Aug-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01051 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01051 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01051 | 30-Nov-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01051 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01501 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01501 | 28-Feb-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01501 | 31-Mar-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|---------------|------|------|-------|-----------|-----------|
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01501 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01501 | 31-May-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01501 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01501 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01501 | 31-Aug-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01501 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01501 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01501 | 30-Nov-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 01501 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 03501 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 03501 | 28-Feb-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 03501 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 03501 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 03501 | 31-May-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 03501 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 03501 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 03501 | 31-Aug-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 03501 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 03501 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 03501 | 30-Nov-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 03501 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 22708 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 22708 | 28-Feb-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 22708 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 22708 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 22708 | 31-May-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 22708 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 22708 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 22708 | 31-Aug-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 22708 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 22708 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 22708 | 30-Nov-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 22708 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 39516 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 39516 | 28-Feb-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 39516 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 39516 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 39516 | 31-May-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 39516 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 39516 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 39516 | 31-Aug-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 39516 | 30-Sep-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|---------------|------|------|-------|-----------|-----------|
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 39516 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 39516 | 30-Nov-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 39516 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 50060 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 50060 | 28-Feb-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 50060 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 50060 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 50060 | 31-May-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 50060 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 50060 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 50060 | 31-Aug-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 50060 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 50060 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 50060 | 30-Nov-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 50060 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 70295 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 70295 | 28-Feb-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 70295 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 70295 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 70295 | 31-May-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 70295 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 70295 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 70295 | 31-Aug-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 70295 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 70295 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 70295 | 30-Nov-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 70295 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 71900 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 71900 | 28-Feb-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 71900 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 71900 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 71900 | 31-May-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 71900 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 71900 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 71900 | 31-Aug-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 71900 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 71900 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 71900 | 30-Nov-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | 71900 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | TRP3B | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | TRP3B | 28-Feb-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | TRP3B | 31-Mar-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|---------------|------|------|-------|-----------|-----------|
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | TRP3B | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | TRP3B | 31-May-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | TRP3B | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | TRP3B | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | TRP3B | 31-Aug-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | TRP3B | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | TRP3B | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | TRP3B | 30-Nov-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | TRP6C | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | TRP6C | 28-Feb-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | TRP6C | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | TRP6C | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | TRP6C | 31-May-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | TRP6C | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | TRP6C | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | TRP6C | 31-Aug-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | TRP6C | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | TRP6C | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | 200 | 1 | TRP6C | 30-Nov-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 00400 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 00400 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 00530 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 00530 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 00927 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 00927 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01002 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01002 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01007 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01007 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01012 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01012 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01022 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01022 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01027 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01027 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01034 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01034 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01037 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01037 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01042 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01042 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01051 | 30-Apr-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|---------------|------|------|-------|-----------|-----------|
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01051 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01059 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01059 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01062 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01062 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01067 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01067 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01077 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01077 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01082 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01082 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01087 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01087 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01092 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01092 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01097 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01097 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01105 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01105 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01132 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 01132 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 70295 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S19 | 1 | 70295 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00400 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00400 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00400 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00400 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00400 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00400 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00400 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00400 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00530 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00530 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00530 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00530 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00530 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00530 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00530 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00530 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00600 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00600 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00600 | 30-Apr-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|---------------|------|------|-------|-----------|-----------|
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00600 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00600 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00600 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00600 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00600 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00630 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00630 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00630 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00630 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00630 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00630 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00630 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00630 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00665 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00665 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00665 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00665 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00665 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00665 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00665 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00665 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00927 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00927 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00927 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00927 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00927 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00927 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00927 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 00927 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01002 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01002 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01002 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01002 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01002 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01002 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01002 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01002 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01007 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01007 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01007 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01007 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01007 | 31-Jul-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|---------------|------|------|-------|-----------|-----------|
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01007 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01007 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01007 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01012 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01012 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01012 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01012 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01012 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01012 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01012 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01012 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01022 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01022 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01022 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01022 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01022 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01022 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01022 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01022 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01022 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01027 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01027 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01027 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01027 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01027 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01027 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01027 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01027 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01034 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01034 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01034 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01034 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01034 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01034 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01034 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01034 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01037 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01037 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01037 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01037 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01037 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01037 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01037 | 31-Oct-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|---------------|------|------|-------|-----------|-----------|
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01037 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01042 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01042 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01042 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01042 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01042 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01042 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01042 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01042 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01051 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01051 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01051 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01051 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01051 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01051 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01051 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01051 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01059 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01059 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01059 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01059 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01059 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01059 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01059 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01059 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01062 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01062 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01062 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01062 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01062 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01062 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01062 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01062 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01067 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01067 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01067 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01067 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01067 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01067 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01067 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01067 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01077 | 31-Jan-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|---------------|------|------|-------|-----------|-----------|
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01077 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01077 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01077 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01077 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01077 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01077 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01077 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01082 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01082 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01082 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01082 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01082 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01082 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01082 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01082 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01087 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01087 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01087 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01087 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01087 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01087 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01087 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01087 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01092 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01092 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01092 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01092 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01092 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01092 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01092 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01092 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01097 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01097 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01097 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01097 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01097 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01097 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01097 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01097 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01105 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01105 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01105 | 30-Apr-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|---------------|------|------|-------|-----------|-----------|
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01105 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01105 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01105 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01105 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01105 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01132 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01132 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01132 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01132 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01132 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01132 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01132 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 01132 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 22708 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 22708 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 22708 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 22708 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 22708 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 22708 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 22708 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 22708 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 39516 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 39516 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 39516 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 39516 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 39516 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 39516 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 39516 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 39516 | 31-Dec-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 71900 | 31-Jan-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 71900 | 31-Mar-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 71900 | 30-Apr-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 71900 | 30-Jun-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 71900 | 31-Jul-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 71900 | 30-Sep-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 71900 | 31-Oct-08 | |
| DEL | TN0002968 | USDOE-Oak Ridge Y12 PLT | Oak Ridge, TN | S24 | 1 | 71900 | 31-Dec-08 | |
| DEL | TX0003531 | CHANNELVIEW COMPLEX | Houston, TX | 001 | 1 | 50060 | 31-Jan-08 | |
| DEL | TX0003531 | CHANNELVIEW COMPLEX | Houston, TX | 001 | 1 | 50060 | 28-Feb-08 | |
| DEL | TX0003531 | CHANNELVIEW COMPLEX | Houston, TX | 001 | 1 | 50060 | 31-Mar-08 | |
| DEL | TX0003531 | CHANNELVIEW COMPLEX | Houston, TX | 001 | 1 | 50060 | 30-Apr-08 | |
| DEL | TX0003531 | CHANNELVIEW COMPLEX | Houston, TX | 001 | 1 | 50060 | 31-May-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------------|--------------------------|------|------|-------|-----------|-----------|
| DEL | TX0003531 | CHANNELVIEW COMPLEX | Houston, TX | 001 | 1 | 50060 | 30-Jun-08 | |
| DEL | TX0003531 | CHANNELVIEW COMPLEX | Houston, TX | 001 | 1 | 50060 | 31-Jul-08 | |
| DEL | TX0003531 | CHANNELVIEW COMPLEX | Houston, TX | 001 | 1 | 50060 | 31-Aug-08 | |
| DEL | TX0003531 | CHANNELVIEW COMPLEX | Houston, TX | 001 | 1 | 50060 | 30-Sep-08 | |
| DEL | TX0003531 | CHANNELVIEW COMPLEX | Houston, TX | 001 | 1 | 50060 | 31-Oct-08 | |
| DEL | TX0003531 | CHANNELVIEW COMPLEX | Houston, TX | 001 | 1 | 50060 | 30-Nov-08 | |
| DEL | TX0003531 | CHANNELVIEW COMPLEX | Houston, TX | 001 | 1 | 50060 | 31-Dec-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00310 | 31-Jan-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00310 | 28-Feb-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00310 | 31-Mar-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00310 | 30-Apr-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00310 | 31-May-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00310 | 30-Jun-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00310 | 31-Jul-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00310 | 31-Aug-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00310 | 30-Sep-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00310 | 31-Oct-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00310 | 30-Nov-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00310 | 31-Dec-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00530 | 31-Jan-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00530 | 28-Feb-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00530 | 31-Mar-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00530 | 30-Apr-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00530 | 31-May-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00530 | 30-Jun-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00530 | 31-Jul-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00530 | 31-Aug-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00530 | 30-Sep-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00530 | 31-Oct-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00530 | 30-Nov-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00530 | 31-Dec-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00945 | 31-Jan-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00945 | 28-Feb-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00945 | 31-Mar-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00945 | 30-Apr-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00945 | 31-May-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00945 | 30-Jun-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00945 | 31-Jul-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00945 | 31-Aug-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00945 | 30-Sep-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00945 | 31-Oct-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 005 | 1 | 00945 | 30-Nov-08 | |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------------|--------------------------|------|------|-------|-----------|-----------|
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 029 | 1 | 00945 | 31-Dec-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 029 | 1 | 82385 | 31-Jan-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 029 | 1 | 82385 | 28-Feb-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 029 | 1 | 82385 | 31-Mar-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 029 | 1 | 82385 | 30-Apr-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 029 | 1 | 82385 | 31-May-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 029 | 1 | 82385 | 30-Jun-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 029 | 1 | 82385 | 31-Jul-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 029 | 1 | 82385 | 31-Aug-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 029 | 1 | 82385 | 30-Sep-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 029 | 1 | 82385 | 31-Oct-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 029 | 1 | 82385 | 30-Nov-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 029 | 1 | 82385 | 31-Dec-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 402 | 1 | 00945 | 31-Jan-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 402 | 1 | 00945 | 28-Feb-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 402 | 1 | 00945 | 31-Mar-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 402 | 1 | 00945 | 30-Apr-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 402 | 1 | 00945 | 31-May-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 402 | 1 | 00945 | 30-Jun-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 402 | 1 | 00945 | 31-Jul-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 402 | 1 | 00945 | 31-Aug-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 402 | 1 | 00945 | 30-Sep-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 402 | 1 | 00945 | 31-Oct-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 402 | 1 | 00945 | 30-Nov-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 402 | 1 | 00945 | 31-Dec-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 402 | 1 | 82385 | 31-Jan-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 402 | 1 | 82385 | 28-Feb-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 402 | 1 | 82385 | 31-Mar-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 402 | 1 | 82385 | 30-Apr-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 402 | 1 | 82385 | 31-May-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 402 | 1 | 82385 | 30-Jun-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 402 | 1 | 82385 | 31-Jul-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 402 | 1 | 82385 | 31-Aug-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 402 | 1 | 82385 | 30-Sep-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 402 | 1 | 82385 | 31-Oct-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 402 | 1 | 82385 | 30-Nov-08 | |
| DEL | VA0000248 | Radford Army Ammunition Plant | Montgomery County PS, VA | 402 | 1 | 82385 | 31-Dec-08 | |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00400 | 31-Jan-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00400 | 31-Mar-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00400 | 30-Apr-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00400 | 31-May-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00400 | 30-Jun-08 | 1.35 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--------------------------|--------------|------|------|-------|-----------|-----------|
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00400 | 31-Jul-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00400 | 31-Aug-08 | 1.34 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00400 | 30-Sep-08 | 1.33 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00400 | 31-Oct-08 | 1.32 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00400 | 30-Nov-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00400 | 31-Dec-08 | 1.34 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00530 | 31-Jan-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00530 | 31-Mar-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00530 | 30-Apr-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00530 | 31-May-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00530 | 30-Jun-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00530 | 31-Jul-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00530 | 31-Aug-08 | 1.34 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00530 | 30-Sep-08 | 1.33 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00530 | 31-Oct-08 | 1.32 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00530 | 30-Nov-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00530 | 31-Dec-08 | 1.34 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50050 | 31-Jan-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50050 | 31-Mar-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50050 | 30-Apr-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50050 | 31-May-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50050 | 30-Jun-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50050 | 31-Jul-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50050 | 31-Aug-08 | 1.34 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50050 | 30-Sep-08 | 1.33 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50050 | 31-Oct-08 | 1.32 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50050 | 30-Nov-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50050 | 31-Dec-08 | 1.34 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50060 | 31-Jan-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50060 | 31-Mar-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50060 | 30-Apr-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50060 | 31-May-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50060 | 30-Jun-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50060 | 31-Jul-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50060 | 31-Aug-08 | 1.34 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50060 | 30-Sep-08 | 1.33 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50060 | 31-Oct-08 | 1.32 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50060 | 30-Nov-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50060 | 31-Dec-08 | 1.34 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 85824 | 31-Jan-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 85824 | 31-Mar-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 85824 | 30-Apr-08 | 1.35 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--------------------------------|--------------------|------|------|-------|-----------|-----------|
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 85824 | 31-May-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 85824 | 30-Jun-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 85824 | 31-Jul-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 85824 | 31-Aug-08 | 1.34 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 85824 | 30-Sep-08 | 1.33 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 85824 | 31-Oct-08 | 1.32 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 85824 | 30-Nov-08 | 1.35 |
| FQ1 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 85824 | 31-Dec-08 | 1.34 |
| FQ1 | CO0032158 | Kodak Colorado Division | Windsor, CO | 006 | 1 | 00400 | 29-Feb-08 | 3.89e-005 |
| FQ1 | CO0032158 | Kodak Colorado Division | Windsor, CO | 006 | 1 | 00720 | 29-Feb-08 | 3.89e-005 |
| FQ1 | CO0032158 | Kodak Colorado Division | Windsor, CO | 006 | 1 | 01079 | 29-Feb-08 | 3.89e-005 |
| FQ1 | CO0032158 | Kodak Colorado Division | Windsor, CO | 006 | 1 | 50050 | 29-Feb-08 | 3.89e-005 |
| FQ1 | INP000239 | CONTECH U.S. LLC | Piercetcon, IN | 001 | 1 | 00400 | 29-Feb-08 | 0.000566 |
| FQ1 | INP000239 | CONTECH U.S. LLC | Piercetcon, IN | 001 | 1 | 01094 | 29-Feb-08 | 0.000566 |
| FQ1 | INP000239 | CONTECH U.S. LLC | Piercetcon, IN | 001 | 1 | 01114 | 29-Feb-08 | 0.000566 |
| FQ1 | INP000239 | CONTECH U.S. LLC | Piercetcon, IN | 001 | 1 | 01119 | 29-Feb-08 | 0.000566 |
| FQ1 | INP000239 | CONTECH U.S. LLC | Piercetcon, IN | 001 | 1 | 50050 | 29-Feb-08 | 0.000566 |
| FQ1 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 00530 | 31-Mar-08 | 0.00432 |
| FQ1 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 00530 | 30-Jun-08 | 0.03024 |
| FQ1 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 00530 | 30-Sep-08 | 0.00216 |
| FQ1 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 03582 | 31-Mar-08 | 0.00432 |
| FQ1 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 03582 | 30-Jun-08 | 0.03024 |
| FQ1 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 34010 | 31-Mar-08 | 0.00432 |
| FQ1 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 34010 | 30-Jun-08 | 0.03024 |
| FQ1 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 34010 | 30-Sep-08 | 0.00216 |
| FQ1 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 34030 | 31-Mar-08 | 0.00432 |
| FQ1 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 34030 | 30-Jun-08 | 0.03024 |
| FQ1 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 34030 | 30-Sep-08 | 0.00216 |
| FQ1 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 34696 | 31-Mar-08 | 0.00432 |
| FQ1 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 34696 | 30-Jun-08 | 0.03024 |
| FQ1 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 34696 | 30-Sep-08 | 0.00216 |
| FQ1 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 37371 | 31-Mar-08 | 0.00432 |
| FQ1 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 37371 | 30-Jun-08 | 0.03024 |
| FQ1 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 37371 | 30-Sep-08 | 0.00216 |
| FQ1 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 50050 | 30-Jun-08 | 0.03024 |
| FQ1 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 50050 | 30-Sep-08 | 0.00216 |
| FQ1 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 81551 | 31-Mar-08 | 0.00432 |
| FQ1 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 81551 | 30-Jun-08 | 0.03024 |
| FQ1 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 81551 | 30-Sep-08 | 0.00216 |
| FQ1 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 82214 | 31-Mar-08 | 0.00432 |
| FQ1 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 82214 | 30-Jun-08 | 0.03024 |
| FQ1 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 82214 | 30-Sep-08 | 0.00216 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-----------------------------|--------------------|------|------|-------|-----------|-----------|
| FQ1 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 00400 | 31-Jul-08 | 0.000457 |
| FQ1 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 00530 | 31-Jul-08 | 0.000457 |
| FQ1 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 00900 | 31-Jul-08 | 0.000457 |
| FQ1 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 00980 | 31-Jul-08 | 0.000457 |
| FQ1 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 00981 | 31-Jul-08 | 0.000457 |
| FQ1 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 00982 | 31-Jul-08 | 0.000457 |
| FQ1 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 01113 | 31-Jul-08 | 0.000457 |
| FQ1 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 50050 | 31-Jul-08 | 0.000457 |
| FQ1 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 71901 | 31-Jul-08 | 0.000457 |
| FQ1 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 002 | 1 | 00400 | 31-Jul-08 | 3.8e-005 |
| FQ1 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 002 | 1 | 00400 | 31-Oct-08 | 0.002285 |
| FQ1 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 002 | 1 | 00530 | 31-Jul-08 | 3.8e-005 |
| FQ1 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 002 | 1 | 00530 | 31-Oct-08 | 0.002285 |
| FQ1 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 002 | 1 | 00900 | 31-Jul-08 | 3.8e-005 |
| FQ1 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 002 | 1 | 00900 | 31-Oct-08 | 0.002285 |
| FQ1 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 002 | 1 | 00980 | 31-Jul-08 | 3.8e-005 |
| FQ1 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 002 | 1 | 00980 | 31-Oct-08 | 0.002285 |
| FQ1 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 002 | 1 | 00981 | 31-Jul-08 | 3.8e-005 |
| FQ1 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 002 | 1 | 00981 | 31-Oct-08 | 0.002285 |
| FQ1 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 002 | 1 | 00982 | 31-Jul-08 | 3.8e-005 |
| FQ1 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 002 | 1 | 00982 | 31-Oct-08 | 0.002285 |
| FQ1 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 002 | 1 | 01113 | 31-Jul-08 | 3.8e-005 |
| FQ1 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 002 | 1 | 01113 | 31-Oct-08 | 0.002285 |
| FQ1 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 002 | 1 | 50050 | 31-Jul-08 | 3.8e-005 |
| FQ1 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 002 | 1 | 50050 | 31-Oct-08 | 0.002285 |
| FQ1 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 002 | 1 | 71901 | 31-Jul-08 | 3.8e-005 |
| FQ1 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 002 | 1 | 71901 | 31-Oct-08 | 0.002285 |
| FQ1 | KY0095036 | Reed Duplex Apt Bldg | Madison County, KY | 001 | 1 | 00300 | 30-Sep-08 | 0.000312 |
| FQ1 | KY0095036 | Reed Duplex Apt Bldg | Madison County, KY | 001 | 1 | 00400 | 30-Sep-08 | 0.000312 |
| FQ1 | KY0095036 | Reed Duplex Apt Bldg | Madison County, KY | 001 | 1 | 00530 | 30-Sep-08 | 0.000312 |
| FQ1 | KY0095036 | Reed Duplex Apt Bldg | Madison County, KY | 001 | 1 | 00610 | 30-Sep-08 | 0.000312 |
| FQ1 | KY0095036 | Reed Duplex Apt Bldg | Madison County, KY | 001 | 1 | 50050 | 30-Sep-08 | 0.000312 |
| FQ1 | KY0095036 | Reed Duplex Apt Bldg | Madison County, KY | 001 | 1 | 50060 | 30-Sep-08 | 0.000312 |
| FQ1 | KY0095036 | Reed Duplex Apt Bldg | Madison County, KY | 001 | 1 | 51040 | 30-Sep-08 | 0.000312 |
| FQ1 | KY0095036 | Reed Duplex Apt Bldg | Madison County, KY | 001 | 1 | 80082 | 30-Sep-08 | 0.000312 |
| FQ1 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 00400 | 31-May-08 | 0.000489 |
| FQ1 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 00400 | 30-Jun-08 | 0.000489 |
| FQ1 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 00400 | 31-Jul-08 | 0.000754 |
| FQ1 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 00400 | 31-Aug-08 | 0.000754 |
| FQ1 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 00400 | 30-Sep-08 | 0.000754 |
| FQ1 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 00530 | 31-May-08 | 0.000489 |
| FQ1 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 00530 | 30-Jun-08 | 0.000489 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-----------------------------|-------------------|------|------|-------|-----------|------------|
| FQ1 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 00530 | 31-Jul-08 | 0.000754 |
| FQ1 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 00530 | 31-Aug-08 | 0.000754 |
| FQ1 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 00530 | 30-Sep-08 | 0.000754 |
| FQ1 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 50050 | 31-May-08 | 0.000489 |
| FQ1 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 50050 | 30-Jun-08 | 0.000489 |
| FQ1 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 50050 | 31-Jul-08 | 0.000754 |
| FQ1 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 50050 | 31-Aug-08 | 0.000754 |
| FQ1 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 50050 | 30-Sep-08 | 0.000754 |
| FQ1 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 50060 | 31-May-08 | 0.000489 |
| FQ1 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 50060 | 30-Jun-08 | 0.000489 |
| FQ1 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 50060 | 31-Jul-08 | 0.000754 |
| FQ1 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 50060 | 31-Aug-08 | 0.000754 |
| FQ1 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 50060 | 30-Sep-08 | 0.000754 |
| FQ1 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 00056 | 30-Jun-08 | 0.0009 |
| FQ1 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 00056 | 31-Jul-08 | 0.001499 |
| FQ1 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 00056 | 30-Sep-08 | 0.003636 |
| FQ1 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 00310 | 30-Jun-08 | 0.0009 |
| FQ1 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 00310 | 31-Jul-08 | 0.001499 |
| FQ1 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 00310 | 30-Sep-08 | 0.003636 |
| FQ1 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 00530 | 30-Jun-08 | 0.0009 |
| FQ1 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 00530 | 31-Jul-08 | 0.001499 |
| FQ1 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 00530 | 30-Sep-08 | 0.003636 |
| FQ1 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 00545 | 30-Jun-08 | 0.0009 |
| FQ1 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 00545 | 31-Jul-08 | 0.001499 |
| FQ1 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 00545 | 30-Sep-08 | 0.003636 |
| FQ1 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 31616 | 30-Jun-08 | 0.0009 |
| FQ1 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 31616 | 31-Jul-08 | 0.001499 |
| FQ1 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 31616 | 30-Sep-08 | 0.003636 |
| FQ1 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 50060 | 30-Jun-08 | 0.0009 |
| FQ1 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 50060 | 31-Jul-08 | 0.001499 |
| FQ1 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 50060 | 30-Sep-08 | 0.003636 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 00056 | 31-May-08 | 0.0014415 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 00056 | 30-Jun-08 | 0.0018562 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 00056 | 31-Jul-08 | 0.0022192 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 00056 | 30-Sep-08 | 5.606e-009 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 00056 | 31-Oct-08 | 0.00198 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 00310 | 31-May-08 | 0.0014415 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 00310 | 30-Jun-08 | 0.0018562 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 00310 | 31-Jul-08 | 0.0022192 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 00310 | 30-Sep-08 | 5.606e-009 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 00310 | 31-Oct-08 | 0.00198 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 00400 | 31-May-08 | 0.0014415 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------------|-----------------------|------|------|-------|-----------|------------|
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 00400 | 30-Jun-08 | 0.0018562 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 00400 | 31-Jul-08 | 0.0022192 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 00400 | 30-Sep-08 | 5.606e-009 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 00400 | 31-Oct-08 | 0.00198 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 00530 | 31-May-08 | 0.0014415 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 00530 | 30-Jun-08 | 0.0018562 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 00530 | 31-Jul-08 | 0.0022192 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 00530 | 30-Sep-08 | 5.606e-009 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 00530 | 31-Oct-08 | 0.00198 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 31616 | 31-May-08 | 0.0014415 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 31616 | 30-Jun-08 | 0.0018562 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 31616 | 31-Jul-08 | 0.0022192 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 31616 | 30-Sep-08 | 5.606e-009 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 31616 | 31-Oct-08 | 0.00198 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 50060 | 31-May-08 | 0.0014415 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 50060 | 30-Jun-08 | 0.0018562 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 50060 | 31-Jul-08 | 0.0022192 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 50060 | 30-Sep-08 | 5.606e-009 |
| FQ1 | ME0021237 | Sebasco Harbor Resort LLC | Phippsburg, ME | 002 | 1 | 50060 | 31-Oct-08 | 0.00198 |
| FQ1 | ME0090051 | US Dept of the Interior | Winter Harbor /T/, ME | 001 | 1 | 00056 | 31-May-08 | 0.004288 |
| FQ1 | ME0090051 | US Dept of the Interior | Winter Harbor /T/, ME | 001 | 1 | 00056 | 30-Jun-08 | 0.003714 |
| FQ1 | ME0090051 | US Dept of the Interior | Winter Harbor /T/, ME | 001 | 1 | 00310 | 31-May-08 | 0.004288 |
| FQ1 | ME0090051 | US Dept of the Interior | Winter Harbor /T/, ME | 001 | 1 | 00310 | 30-Jun-08 | 0.003714 |
| FQ1 | ME0090051 | US Dept of the Interior | Winter Harbor /T/, ME | 001 | 1 | 00400 | 31-May-08 | 0.004288 |
| FQ1 | ME0090051 | US Dept of the Interior | Winter Harbor /T/, ME | 001 | 1 | 00400 | 30-Jun-08 | 0.003714 |
| FQ1 | ME0090051 | US Dept of the Interior | Winter Harbor /T/, ME | 001 | 1 | 00530 | 31-May-08 | 0.004288 |
| FQ1 | ME0090051 | US Dept of the Interior | Winter Harbor /T/, ME | 001 | 1 | 00530 | 30-Jun-08 | 0.003714 |
| FQ1 | ME0090051 | US Dept of the Interior | Winter Harbor /T/, ME | 001 | 1 | 00545 | 31-May-08 | 0.004288 |
| FQ1 | ME0090051 | US Dept of the Interior | Winter Harbor /T/, ME | 001 | 1 | 00545 | 30-Jun-08 | 0.003714 |
| FQ1 | ME0090051 | US Dept of the Interior | Winter Harbor /T/, ME | 001 | 1 | 31616 | 31-May-08 | 0.004288 |
| FQ1 | ME0090051 | US Dept of the Interior | Winter Harbor /T/, ME | 001 | 1 | 31616 | 30-Jun-08 | 0.003714 |
| FQ1 | ME0090051 | US Dept of the Interior | Winter Harbor /T/, ME | 001 | 1 | 50060 | 31-May-08 | 0.004288 |
| FQ1 | ME0090051 | US Dept of the Interior | Winter Harbor /T/, ME | 001 | 1 | 50060 | 30-Jun-08 | 0.003714 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00056 | 31-Jan-08 | 0.010877 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00056 | 29-Feb-08 | 0.015084 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00056 | 31-Mar-08 | 0.016646 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00056 | 30-Apr-08 | 0.001691 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00056 | 31-May-08 | 0.012593 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00056 | 30-Sep-08 | 0.012871 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00056 | 31-Oct-08 | 0.01518 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00056 | 30-Nov-08 | 0.013779 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00056 | 31-Dec-08 | 0.012686 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------|--------------------|------|------|-------|-----------|-----------|
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00310 | 31-Jan-08 | 0.010877 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00310 | 29-Feb-08 | 0.015084 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00310 | 31-Mar-08 | 0.016646 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00310 | 30-Apr-08 | 0.001691 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00310 | 31-May-08 | 0.012593 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00310 | 30-Sep-08 | 0.012871 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00310 | 31-Oct-08 | 0.01518 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00310 | 30-Nov-08 | 0.013779 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00310 | 31-Dec-08 | 0.012686 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00530 | 31-Jan-08 | 0.010877 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00530 | 29-Feb-08 | 0.015084 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00530 | 31-Mar-08 | 0.016646 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00530 | 30-Apr-08 | 0.001691 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00530 | 31-May-08 | 0.012593 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00530 | 30-Sep-08 | 0.012871 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00530 | 31-Oct-08 | 0.01518 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00530 | 30-Nov-08 | 0.013779 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00530 | 31-Dec-08 | 0.012686 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00545 | 31-Jan-08 | 0.010877 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00545 | 29-Feb-08 | 0.015084 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00545 | 31-Mar-08 | 0.016646 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00545 | 30-Apr-08 | 0.001691 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00545 | 31-May-08 | 0.012593 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00545 | 30-Sep-08 | 0.012871 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00545 | 31-Oct-08 | 0.01518 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00545 | 30-Nov-08 | 0.013779 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 00545 | 31-Dec-08 | 0.012686 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 31633 | 31-May-08 | 0.012593 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 31633 | 30-Sep-08 | 0.012871 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 50060 | 31-May-08 | 0.012593 |
| FQ1 | ME0101613 | MSAD #52 | Turner, ME | 001 | 1 | 50060 | 30-Sep-08 | 0.012871 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00056 | 31-Jan-08 | 0.002817 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00056 | 29-Feb-08 | 0.002832 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00056 | 31-Mar-08 | 0.0002 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00056 | 30-Apr-08 | 0.003624 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00056 | 30-Jun-08 | 0.002992 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00056 | 31-Jul-08 | 0.0002 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00056 | 31-Aug-08 | 0.002794 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00056 | 30-Nov-08 | 0.003608 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00056 | 31-Dec-08 | 1e-005 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00310 | 31-Jan-08 | 0.002817 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00310 | 29-Feb-08 | 0.002832 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------------|--------------------|------|------|-------|-----------|-----------|
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00310 | 31-Mar-08 | 0.0002 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00310 | 30-Apr-08 | 0.003624 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00310 | 30-Jun-08 | 0.002992 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00310 | 31-Jul-08 | 0.0002 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00310 | 31-Aug-08 | 0.002794 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00310 | 30-Nov-08 | 0.003608 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00310 | 31-Dec-08 | 1e-005 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00530 | 31-Jan-08 | 0.002817 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00530 | 29-Feb-08 | 0.002832 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00530 | 31-Mar-08 | 0.0002 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00530 | 30-Apr-08 | 0.003624 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00530 | 30-Jun-08 | 0.002992 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00530 | 31-Jul-08 | 0.0002 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00530 | 31-Aug-08 | 0.002794 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00530 | 30-Nov-08 | 0.003608 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00530 | 31-Dec-08 | 1e-005 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00545 | 31-Jan-08 | 0.002817 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00545 | 29-Feb-08 | 0.002832 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00545 | 31-Mar-08 | 0.0002 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00545 | 30-Apr-08 | 0.003624 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00545 | 30-Jun-08 | 0.002992 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00545 | 31-Jul-08 | 0.0002 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00545 | 31-Aug-08 | 0.002794 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00545 | 30-Nov-08 | 0.003608 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 00545 | 31-Dec-08 | 1e-005 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 31633 | 30-Jun-08 | 0.002992 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 31633 | 31-Jul-08 | 0.0002 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 31633 | 31-Aug-08 | 0.002794 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 50060 | 30-Jun-08 | 0.002992 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 50060 | 31-Jul-08 | 0.0002 |
| FQ1 | ME0101621 | MSAD #9 | Farmington /T/, ME | 001 | 1 | 50060 | 31-Aug-08 | 0.002794 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00011 | 31-Mar-08 | 1.292 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00011 | 30-Jun-08 | 0.646 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00011 | 30-Sep-08 | 0.969 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00154 | 31-Mar-08 | 1.292 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00154 | 30-Jun-08 | 0.646 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00154 | 30-Sep-08 | 0.969 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00400 | 31-Mar-08 | 1.292 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00400 | 30-Jun-08 | 0.646 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00400 | 30-Sep-08 | 0.969 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00530 | 31-Mar-08 | 1.292 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00530 | 30-Jun-08 | 0.646 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------------|--------------|------|------|-------|-----------|-----------|
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00530 | 30-Sep-08 | 0.969 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00545 | 31-Mar-08 | 1.292 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00545 | 30-Jun-08 | 0.646 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00545 | 30-Sep-08 | 0.969 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00550 | 31-Mar-08 | 1.292 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00550 | 30-Jun-08 | 0.646 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00550 | 30-Sep-08 | 0.969 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00940 | 31-Mar-08 | 1.292 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00940 | 30-Jun-08 | 0.646 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00940 | 30-Sep-08 | 0.969 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 01030 | 31-Mar-08 | 1.292 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 01030 | 30-Jun-08 | 0.646 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 01030 | 30-Sep-08 | 0.969 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 01106 | 31-Mar-08 | 1.292 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 01106 | 30-Jun-08 | 0.646 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 01106 | 30-Sep-08 | 0.969 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 50050 | 31-Mar-08 | 1.292 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 50050 | 30-Jun-08 | 0.646 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 50050 | 30-Sep-08 | 0.969 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00011 | 31-Mar-08 | 1.938 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00011 | 30-Jun-08 | 0.323 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00011 | 30-Sep-08 | 0.646 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00154 | 31-Mar-08 | 1.938 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00154 | 30-Jun-08 | 0.323 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00154 | 30-Sep-08 | 0.646 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00400 | 31-Mar-08 | 1.938 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00400 | 30-Jun-08 | 0.323 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00400 | 30-Sep-08 | 0.646 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00530 | 31-Mar-08 | 1.938 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00530 | 30-Jun-08 | 0.323 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00530 | 30-Sep-08 | 0.646 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00545 | 31-Mar-08 | 1.938 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00545 | 30-Jun-08 | 0.323 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00545 | 30-Sep-08 | 0.646 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00550 | 31-Mar-08 | 1.938 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00550 | 30-Jun-08 | 0.323 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00550 | 30-Sep-08 | 0.646 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00940 | 31-Mar-08 | 1.938 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00940 | 30-Jun-08 | 0.323 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00940 | 30-Sep-08 | 0.646 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 01030 | 31-Mar-08 | 1.938 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 01030 | 30-Jun-08 | 0.323 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------------|----------------|------|------|-------|-----------|-----------|
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 01030 | 30-Sep-08 | 0.646 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 01106 | 31-Mar-08 | 1.938 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 01106 | 30-Jun-08 | 0.323 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 01106 | 30-Sep-08 | 0.646 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 50050 | 31-Mar-08 | 1.938 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 50050 | 30-Jun-08 | 0.323 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 50050 | 30-Sep-08 | 0.646 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 003 | 1 | 00400 | 30-Sep-08 | 0.161 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 003 | 1 | 00530 | 30-Sep-08 | 0.161 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 003 | 1 | 00545 | 30-Sep-08 | 0.161 |
| FQ1 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 003 | 1 | 50050 | 30-Sep-08 | 0.161 |
| FQ1 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 00011 | 30-Nov-08 | 0.072 |
| FQ1 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 00340 | 30-Nov-08 | 0.072 |
| FQ1 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 00400 | 30-Nov-08 | 0.072 |
| FQ1 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 00545 | 30-Nov-08 | 0.072 |
| FQ1 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 00550 | 30-Nov-08 | 0.072 |
| FQ1 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 00610 | 30-Nov-08 | 0.072 |
| FQ1 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 00665 | 30-Nov-08 | 0.072 |
| FQ1 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 00980 | 30-Nov-08 | 0.072 |
| FQ1 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 00999 | 30-Nov-08 | 0.072 |
| FQ1 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 01009 | 30-Nov-08 | 0.072 |
| FQ1 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 01094 | 30-Nov-08 | 0.072 |
| FQ1 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 01104 | 30-Nov-08 | 0.072 |
| FQ1 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 01118 | 30-Nov-08 | 0.072 |
| FQ1 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 01119 | 30-Nov-08 | 0.072 |
| FQ1 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 50050 | 30-Nov-08 | 0.072 |
| FQ1 | NE0121428 | COOK'S HAMS, INC | LINCOLN, NE | 004 | 1 | 00011 | 30-Jun-08 | 0.127 |
| FQ1 | NE0121428 | COOK'S HAMS, INC | LINCOLN, NE | 004 | 1 | 00310 | 30-Jun-08 | 0.127 |
| FQ1 | NE0121428 | COOK'S HAMS, INC | LINCOLN, NE | 004 | 1 | 00400 | 30-Jun-08 | 0.127 |
| FQ1 | NE0121428 | COOK'S HAMS, INC | LINCOLN, NE | 004 | 1 | 00530 | 30-Jun-08 | 0.127 |
| FQ1 | NE0121428 | COOK'S HAMS, INC | LINCOLN, NE | 004 | 1 | 00552 | 30-Jun-08 | 0.127 |
| FQ1 | NE0121428 | COOK'S HAMS, INC | LINCOLN, NE | 004 | 1 | 00745 | 30-Jun-08 | 0.127 |
| FQ1 | NE0121428 | COOK'S HAMS, INC | LINCOLN, NE | 004 | 1 | 00746 | 30-Jun-08 | 0.127 |
| FQ1 | NE0121428 | COOK'S HAMS, INC | LINCOLN, NE | 004 | 1 | 50050 | 30-Jun-08 | 0.127 |
| FQ1 | NE0121428 | COOK'S HAMS, INC | LINCOLN, NE | 004 | 1 | 71875 | 30-Jun-08 | 0.127 |
| FQ1 | NH0022055 | ENVIROSYSTEMS Incorporated | Hampton, NH | 002 | 1 | 00400 | 30-Sep-08 | 0.004352 |
| FQ1 | NH0022055 | ENVIROSYSTEMS Incorporated | Hampton, NH | 002 | 1 | 00400 | 31-Oct-08 | 0.002976 |
| FQ1 | NH0022055 | ENVIROSYSTEMS Incorporated | Hampton, NH | 002 | 1 | 00530 | 30-Sep-08 | 0.004352 |
| FQ1 | NH0022055 | ENVIROSYSTEMS Incorporated | Hampton, NH | 002 | 1 | 00530 | 31-Oct-08 | 0.002976 |
| FQ1 | NH0022055 | ENVIROSYSTEMS Incorporated | Hampton, NH | 002 | 1 | 00610 | 30-Sep-08 | 0.004352 |
| FQ1 | NH0022055 | ENVIROSYSTEMS Incorporated | Hampton, NH | 002 | 1 | 01074 | 30-Sep-08 | 0.004352 |
| FQ1 | NH0022055 | ENVIROSYSTEMS Incorporated | Hampton, NH | 002 | 1 | 01094 | 30-Sep-08 | 0.004352 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|----------------------|------|------|-------|-----------|-----------|
| FQ1 | NH0022055 | ENVIROSYSTEMS Incorporated | Hampton, NH | 002 | 1 | 01113 | 30-Sep-08 | 0.004352 |
| FQ1 | NH0022055 | ENVIROSYSTEMS Incorporated | Hampton, NH | 002 | 1 | 01114 | 30-Sep-08 | 0.004352 |
| FQ1 | NH0022055 | ENVIROSYSTEMS Incorporated | Hampton, NH | 002 | 1 | 01119 | 30-Sep-08 | 0.004352 |
| FQ1 | NH0022055 | ENVIROSYSTEMS Incorporated | Hampton, NH | 002 | 1 | 50050 | 30-Sep-08 | 0.004352 |
| FQ1 | NH0022055 | ENVIROSYSTEMS Incorporated | Hampton, NH | 002 | 1 | 50050 | 31-Oct-08 | 0.002976 |
| FQ1 | NH0022055 | ENVIROSYSTEMS Incorporated | Hampton, NH | 002 | 1 | 50060 | 30-Sep-08 | 0.004352 |
| FQ1 | NH0022055 | ENVIROSYSTEMS Incorporated | Hampton, NH | 002 | 1 | 50060 | 31-Oct-08 | 0.002976 |
| FQ1 | NH0022055 | ENVIROSYSTEMS Incorporated | Hampton, NH | 002 | 1 | 61211 | 30-Sep-08 | 0.004352 |
| FQ1 | NH0022055 | ENVIROSYSTEMS Incorporated | Hampton, NH | 002 | 1 | 61211 | 31-Oct-08 | 0.002976 |
| FQ1 | NH0022055 | ENVIROSYSTEMS Incorporated | Hampton, NH | 002 | 1 | 74055 | 30-Sep-08 | 0.004352 |
| FQ1 | NH0022055 | ENVIROSYSTEMS Incorporated | Hampton, NH | 002 | 1 | 74055 | 31-Oct-08 | 0.002976 |
| FQ1 | NH0022055 | ENVIROSYSTEMS Incorporated | Hampton, NH | 002 | 1 | TAA3E | 30-Sep-08 | 0.004352 |
| FQ1 | NH0022055 | ENVIROSYSTEMS Incorporated | Hampton, NH | 002 | 1 | TAA6B | 30-Sep-08 | 0.004352 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00139 | 31-Jan-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00139 | 29-Feb-08 | 3.744 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00139 | 31-Mar-08 | 4.032 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00139 | 30-Apr-08 | 4.104 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00139 | 31-May-08 | 4.104 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00139 | 30-Jun-08 | 4.32 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00139 | 31-Jul-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00139 | 31-Aug-08 | 2.88 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00139 | 30-Sep-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00139 | 31-Oct-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00139 | 30-Nov-08 | 3.528 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00139 | 31-Dec-08 | 3.168 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00310 | 31-Jan-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00310 | 29-Feb-08 | 3.744 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00310 | 31-Mar-08 | 4.032 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00310 | 30-Apr-08 | 4.104 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00310 | 31-May-08 | 4.104 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00310 | 30-Jun-08 | 4.32 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00310 | 31-Jul-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00310 | 31-Aug-08 | 2.88 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00310 | 30-Sep-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00310 | 31-Oct-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00310 | 30-Nov-08 | 3.528 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00310 | 31-Dec-08 | 3.168 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00400 | 31-Jan-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00400 | 29-Feb-08 | 3.744 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00400 | 31-Mar-08 | 4.032 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00400 | 30-Apr-08 | 4.104 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00400 | 31-May-08 | 4.104 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|----------------------|------|------|-------|-----------|-----------|
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00400 | 30-Jun-08 | 4.32 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00400 | 31-Jul-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00400 | 31-Aug-08 | 2.88 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00400 | 30-Sep-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00400 | 31-Oct-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00400 | 30-Nov-08 | 3.528 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00400 | 31-Dec-08 | 3.168 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00530 | 31-Jan-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00530 | 29-Feb-08 | 3.744 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00530 | 31-Mar-08 | 4.032 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00530 | 30-Apr-08 | 4.104 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00530 | 31-May-08 | 4.104 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00530 | 30-Jun-08 | 4.32 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00530 | 31-Jul-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00530 | 31-Aug-08 | 2.88 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00530 | 30-Sep-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00530 | 31-Oct-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00530 | 30-Nov-08 | 3.528 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00530 | 31-Dec-08 | 3.168 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00545 | 31-Jan-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00545 | 29-Feb-08 | 3.744 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00545 | 31-Mar-08 | 4.032 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00545 | 30-Apr-08 | 4.104 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00545 | 31-May-08 | 4.104 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00545 | 30-Jun-08 | 4.32 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00545 | 31-Jul-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00545 | 31-Aug-08 | 2.88 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00545 | 30-Sep-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00545 | 31-Oct-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00545 | 30-Nov-08 | 3.528 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00545 | 31-Dec-08 | 3.168 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00940 | 31-Jan-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00940 | 29-Feb-08 | 3.744 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00940 | 31-Mar-08 | 4.032 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00940 | 30-Apr-08 | 4.104 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00940 | 31-May-08 | 4.104 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00940 | 30-Jun-08 | 4.32 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00940 | 31-Jul-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00940 | 31-Aug-08 | 2.88 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00940 | 30-Sep-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00940 | 31-Oct-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00940 | 30-Nov-08 | 3.528 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|----------------------|------|------|-------|-----------|-----------|
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00940 | 31-Dec-08 | 3.168 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 34726 | 31-Jan-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 34726 | 29-Feb-08 | 3.744 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 34726 | 31-Mar-08 | 4.032 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 34726 | 30-Apr-08 | 4.104 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 34726 | 31-May-08 | 4.104 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 34726 | 30-Jun-08 | 4.32 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 34726 | 31-Jul-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 34726 | 31-Aug-08 | 2.88 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 34726 | 30-Sep-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 34726 | 31-Oct-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 34726 | 30-Nov-08 | 3.528 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 34726 | 31-Dec-08 | 3.168 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 49884 | 31-Jan-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 49884 | 29-Feb-08 | 3.744 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 49884 | 31-Mar-08 | 4.032 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 49884 | 30-Apr-08 | 4.104 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 49884 | 31-May-08 | 4.104 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 49884 | 30-Jun-08 | 4.32 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 49884 | 31-Jul-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 49884 | 31-Aug-08 | 2.88 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 49884 | 30-Sep-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 49884 | 31-Oct-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 49884 | 30-Nov-08 | 3.528 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 49884 | 31-Dec-08 | 3.168 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 50050 | 31-Jan-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 50050 | 29-Feb-08 | 3.744 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 50050 | 31-Mar-08 | 4.032 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 50050 | 30-Apr-08 | 4.104 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 50050 | 31-May-08 | 4.104 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 50050 | 30-Jun-08 | 4.32 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 50050 | 31-Jul-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 50050 | 31-Aug-08 | 2.88 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 50050 | 30-Sep-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 50050 | 31-Oct-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 50050 | 30-Nov-08 | 3.528 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 50050 | 31-Dec-08 | 3.168 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51057 | 31-Jan-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51057 | 29-Feb-08 | 3.744 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51057 | 31-Mar-08 | 4.032 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51057 | 30-Apr-08 | 4.104 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51057 | 31-May-08 | 4.104 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|----------------------|------|------|-------|-----------|-----------|
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51057 | 30-Jun-08 | 4.32 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51057 | 31-Jul-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51057 | 31-Aug-08 | 2.88 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51057 | 30-Sep-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51057 | 31-Oct-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51057 | 30-Nov-08 | 3.528 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51057 | 31-Dec-08 | 3.168 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51064 | 31-Jan-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51064 | 29-Feb-08 | 3.744 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51064 | 31-Mar-08 | 4.032 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51064 | 30-Apr-08 | 4.104 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51064 | 31-May-08 | 4.104 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51064 | 30-Jun-08 | 4.32 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51064 | 31-Jul-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51064 | 31-Aug-08 | 2.88 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51064 | 30-Sep-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51064 | 31-Oct-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51064 | 30-Nov-08 | 3.528 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51064 | 31-Dec-08 | 3.168 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51066 | 31-Jan-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51066 | 29-Feb-08 | 3.744 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51066 | 31-Mar-08 | 4.032 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51066 | 30-Apr-08 | 4.104 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51066 | 31-May-08 | 4.104 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51066 | 30-Jun-08 | 4.32 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51066 | 31-Jul-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51066 | 31-Aug-08 | 2.88 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51066 | 30-Sep-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51066 | 31-Oct-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51066 | 30-Nov-08 | 3.528 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51066 | 31-Dec-08 | 3.168 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51067 | 31-Jan-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51067 | 29-Feb-08 | 3.744 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51067 | 31-Mar-08 | 4.032 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51067 | 30-Apr-08 | 4.104 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51067 | 31-May-08 | 4.104 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51067 | 30-Jun-08 | 4.32 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51067 | 31-Jul-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51067 | 31-Aug-08 | 2.88 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51067 | 30-Sep-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51067 | 31-Oct-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51067 | 30-Nov-08 | 3.528 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|----------------------|------|------|-------|-----------|-----------|
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51067 | 31-Dec-08 | 3.168 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51068 | 31-Jan-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51068 | 29-Feb-08 | 3.744 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51068 | 31-Mar-08 | 4.032 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51068 | 30-Apr-08 | 4.104 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51068 | 31-May-08 | 4.104 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51068 | 30-Jun-08 | 4.32 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51068 | 31-Jul-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51068 | 31-Aug-08 | 2.88 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51068 | 30-Sep-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51068 | 31-Oct-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51068 | 30-Nov-08 | 3.528 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51068 | 31-Dec-08 | 3.168 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51069 | 31-Jan-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51069 | 29-Feb-08 | 3.744 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51069 | 31-Mar-08 | 4.032 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51069 | 30-Apr-08 | 4.104 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51069 | 31-May-08 | 4.104 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51069 | 30-Jun-08 | 4.32 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51069 | 31-Jul-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51069 | 31-Aug-08 | 2.88 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51069 | 30-Sep-08 | 3.312 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51069 | 31-Oct-08 | 3.24 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51069 | 30-Nov-08 | 3.528 |
| FQ1 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51069 | 31-Dec-08 | 3.168 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00056 | 31-Jan-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00056 | 31-Mar-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00056 | 30-Apr-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00056 | 31-May-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00056 | 30-Jun-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00056 | 31-Jul-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00056 | 31-Aug-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00056 | 30-Sep-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00056 | 31-Oct-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00056 | 30-Nov-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00056 | 31-Dec-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00083 | 31-Jan-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00083 | 31-Mar-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00083 | 30-Apr-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00083 | 31-May-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00083 | 30-Jun-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00083 | 31-Jul-08 | 0.0005 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-----------------------------|--------------|------|------|-------|-----------|-----------|
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00083 | 31-Aug-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00083 | 30-Sep-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00083 | 31-Oct-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00083 | 30-Nov-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00083 | 31-Dec-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00400 | 31-Jan-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00400 | 31-Mar-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00400 | 30-Apr-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00400 | 31-May-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00400 | 30-Jun-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00400 | 31-Jul-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00400 | 31-Aug-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00400 | 30-Sep-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00400 | 31-Oct-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00400 | 30-Nov-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00400 | 31-Dec-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00530 | 31-Jan-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00530 | 31-Mar-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00530 | 30-Apr-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00530 | 31-May-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00530 | 30-Jun-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00530 | 31-Jul-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00530 | 31-Aug-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00530 | 30-Sep-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00530 | 31-Oct-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00530 | 30-Nov-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00530 | 31-Dec-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00610 | 31-Jan-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00610 | 31-Mar-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00610 | 30-Apr-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00610 | 31-May-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00610 | 30-Jun-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00610 | 31-Jul-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00610 | 31-Aug-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00610 | 30-Sep-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00610 | 31-Oct-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00610 | 30-Nov-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00610 | 31-Dec-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01330 | 31-Jan-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01330 | 31-Mar-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01330 | 30-Apr-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01330 | 31-May-08 | 0.0005 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-----------------------------|--------------|------|------|-------|-----------|------------|
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01330 | 30-Jun-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01330 | 31-Jul-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01330 | 31-Aug-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01330 | 30-Sep-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01330 | 31-Oct-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01330 | 30-Nov-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01330 | 31-Dec-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01350 | 31-Jan-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01350 | 31-Mar-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01350 | 30-Apr-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01350 | 31-May-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01350 | 30-Jun-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01350 | 31-Jul-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01350 | 31-Aug-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01350 | 30-Sep-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01350 | 31-Oct-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01350 | 30-Nov-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01350 | 31-Dec-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 31616 | 31-May-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 31616 | 30-Jun-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 31616 | 31-Jul-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 31616 | 31-Aug-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 31616 | 30-Sep-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 31616 | 31-Oct-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 50060 | 31-May-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 50060 | 30-Jun-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 50060 | 31-Jul-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 50060 | 31-Aug-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 50060 | 30-Sep-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 50060 | 31-Oct-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 80082 | 31-Jan-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 80082 | 31-Mar-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 80082 | 30-Apr-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 80082 | 31-May-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 80082 | 30-Jun-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 80082 | 31-Jul-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 80082 | 31-Aug-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 80082 | 30-Sep-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 80082 | 31-Oct-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 80082 | 30-Nov-08 | 0.0005 |
| FQ1 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 80082 | 31-Dec-08 | 0.0005 |
| FQ1 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 00056 | 31-Aug-08 | 0.00075888 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------|--------------|------|------|-------|-----------|--------------|
| FQ1 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 00310 | 31-Aug-08 | 0.00075888 |
| FQ1 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 00400 | 31-Aug-08 | 0.00075888 |
| FQ1 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 00530 | 31-Aug-08 | 0.00075888 |
| FQ1 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 00550 | 31-Aug-08 | 0.00075888 |
| FQ1 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 00610 | 31-Aug-08 | 0.00075888 |
| FQ1 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 00978 | 31-Aug-08 | 0.00075888 |
| FQ1 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 01114 | 31-Aug-08 | 0.00075888 |
| FQ1 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 34010 | 31-Aug-08 | 0.00075888 |
| FQ1 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 34030 | 31-Aug-08 | 0.00075888 |
| FQ1 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 34371 | 31-Aug-08 | 0.00075888 |
| FQ1 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 34696 | 31-Aug-08 | 0.00075888 |
| FQ1 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 46529 | 31-Aug-08 | 0.00075888 |
| FQ1 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 77222 | 31-Aug-08 | 0.00075888 |
| FQ1 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 81551 | 31-Aug-08 | 0.00075888 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00056 | 31-Jan-08 | 0.0002503182 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00056 | 29-Feb-08 | 0.0002789524 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00056 | 31-Mar-08 | 0.0002732381 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00056 | 30-Apr-08 | 0.0001946818 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00056 | 31-May-08 | 0.0001382857 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00056 | 30-Jun-08 | 0.0002405714 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00056 | 31-Jul-08 | 0.0002645 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00056 | 31-Aug-08 | 0.0001568 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00056 | 30-Sep-08 | 0.0002167778 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00056 | 31-Oct-08 | 0.000203 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00056 | 30-Nov-08 | 0.0001828333 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00056 | 31-Dec-08 | 0.0002127222 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00083 | 31-Jan-08 | 0.0002503182 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00083 | 29-Feb-08 | 0.0002789524 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00083 | 31-Mar-08 | 0.0002732381 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00083 | 30-Apr-08 | 0.0001946818 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00083 | 31-May-08 | 0.0001382857 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00083 | 30-Jun-08 | 0.0002405714 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00083 | 31-Jul-08 | 0.0002645 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00083 | 31-Aug-08 | 0.0001568 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00083 | 30-Sep-08 | 0.0002167778 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00083 | 31-Oct-08 | 0.000203 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00083 | 30-Nov-08 | 0.0001828333 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00083 | 31-Dec-08 | 0.0002127222 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00300 | 31-Jan-08 | 0.0002503182 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00300 | 29-Feb-08 | 0.0002789524 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00300 | 31-Mar-08 | 0.0002732381 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00300 | 30-Apr-08 | 0.0001946818 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------|----------|------|------|-------|-----------|--------------|
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00300 | 31-May-08 | 0.0001382857 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00300 | 30-Jun-08 | 0.0002405714 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00300 | 31-Jul-08 | 0.0002645 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00300 | 31-Aug-08 | 0.0001568 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00300 | 30-Sep-08 | 0.0002167778 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00300 | 31-Oct-08 | 0.000203 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00300 | 30-Nov-08 | 0.0001828333 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00300 | 31-Dec-08 | 0.0002127222 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00530 | 31-Jan-08 | 0.0002503182 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00530 | 29-Feb-08 | 0.0002789524 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00530 | 31-Mar-08 | 0.0002732381 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00530 | 30-Apr-08 | 0.0001946818 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00530 | 31-May-08 | 0.0001382857 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00530 | 30-Jun-08 | 0.0002405714 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00530 | 31-Jul-08 | 0.0002645 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00530 | 31-Aug-08 | 0.0001568 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00530 | 30-Sep-08 | 0.0002167778 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00530 | 31-Oct-08 | 0.000203 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00530 | 30-Nov-08 | 0.0001828333 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00530 | 31-Dec-08 | 0.0002127222 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00610 | 31-Jan-08 | 0.0002503182 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00610 | 29-Feb-08 | 0.0002789524 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00610 | 31-Mar-08 | 0.0002732381 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00610 | 30-Apr-08 | 0.0001946818 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00610 | 31-May-08 | 0.0001382857 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00610 | 30-Jun-08 | 0.0002405714 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00610 | 31-Jul-08 | 0.0002645 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00610 | 31-Aug-08 | 0.0001568 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00610 | 30-Sep-08 | 0.0002167778 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00610 | 31-Oct-08 | 0.000203 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00610 | 30-Nov-08 | 0.0001828333 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00610 | 31-Dec-08 | 0.0002127222 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01330 | 31-Jan-08 | 0.0002503182 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01330 | 29-Feb-08 | 0.0002789524 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01330 | 31-Mar-08 | 0.0002732381 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01330 | 30-Apr-08 | 0.0001946818 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01330 | 31-May-08 | 0.0001382857 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01330 | 30-Jun-08 | 0.0002405714 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01330 | 31-Jul-08 | 0.0002645 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01330 | 31-Aug-08 | 0.0001568 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01330 | 30-Sep-08 | 0.0002167778 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01330 | 31-Oct-08 | 0.000203 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------|----------|------|------|-------|-----------|--------------|
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01330 | 30-Nov-08 | 0.0001828333 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01330 | 31-Dec-08 | 0.0002127222 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01350 | 31-Jan-08 | 0.0002503182 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01350 | 29-Feb-08 | 0.0002789524 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01350 | 31-Mar-08 | 0.0002732381 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01350 | 30-Apr-08 | 0.0001946818 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01350 | 31-May-08 | 0.0001382857 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01350 | 30-Jun-08 | 0.0002405714 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01350 | 31-Jul-08 | 0.0002645 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01350 | 31-Aug-08 | 0.0001568 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01350 | 30-Sep-08 | 0.0002167778 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01350 | 31-Oct-08 | 0.000203 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01350 | 30-Nov-08 | 0.0001828333 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01350 | 31-Dec-08 | 0.0002127222 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 31616 | 30-Jun-08 | 0.0002405714 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 31616 | 31-Aug-08 | 0.0001568 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 50060 | 30-Jun-08 | 0.0002405714 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 50060 | 31-Aug-08 | 0.0001568 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 80082 | 31-Mar-08 | 0.0002732381 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 80082 | 30-Jun-08 | 0.0002405714 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 80082 | 31-Aug-08 | 0.0001568 |
| FQ1 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 80082 | 31-Dec-08 | 0.0002127222 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00056 | 31-Aug-08 | 0.000457 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00056 | 30-Sep-08 | 0.000762 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00056 | 31-Oct-08 | 0.000381 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00056 | 30-Nov-08 | 0.000416 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00056 | 31-Dec-08 | 0.000457 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00335 | 31-Aug-08 | 0.000457 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00335 | 30-Sep-08 | 0.000762 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00335 | 31-Oct-08 | 0.000381 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00335 | 31-Dec-08 | 0.000457 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00400 | 31-Aug-08 | 0.000457 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00400 | 30-Sep-08 | 0.000762 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00400 | 31-Oct-08 | 0.000381 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00400 | 30-Nov-08 | 0.000416 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00400 | 31-Dec-08 | 0.000457 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00515 | 31-Aug-08 | 0.000457 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00515 | 30-Sep-08 | 0.000762 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00515 | 31-Oct-08 | 0.000381 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00515 | 30-Nov-08 | 0.000416 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00515 | 31-Dec-08 | 0.000457 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00610 | 31-Aug-08 | 0.000457 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------|----------|------|------|-------|-----------|-----------|
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 001 | 1 | 00610 | 30-Sep-08 | 0.000762 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 001 | 1 | 00610 | 31-Oct-08 | 0.000381 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 001 | 1 | 00680 | 31-Aug-08 | 0.000457 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 001 | 1 | 00680 | 30-Sep-08 | 0.000762 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 001 | 1 | 00680 | 31-Oct-08 | 0.000381 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 001 | 1 | 00927 | 31-Aug-08 | 0.000457 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 001 | 1 | 00927 | 31-Dec-08 | 0.000457 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 001 | 1 | 00940 | 31-Aug-08 | 0.000457 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 001 | 1 | 00945 | 31-Aug-08 | 0.000457 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 001 | 1 | 00945 | 31-Dec-08 | 0.000457 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 001 | 1 | 01045 | 31-Aug-08 | 0.000457 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 001 | 1 | 01045 | 31-Dec-08 | 0.000457 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 001 | 1 | 01055 | 31-Aug-08 | 0.000457 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 001 | 1 | 01055 | 31-Dec-08 | 0.000457 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00056 | 31-Jan-08 | 0.000762 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00056 | 31-Mar-08 | 0.000533 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00056 | 30-Apr-08 | 0.00038 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00056 | 31-May-08 | 0.000571 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00056 | 30-Jun-08 | 0.000761 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00056 | 31-Jul-08 | 0.000474 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00056 | 31-Aug-08 | 0.00038 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00056 | 30-Sep-08 | 0.000561 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00056 | 31-Oct-08 | 0.000952 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00056 | 30-Nov-08 | 0.000762 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00056 | 31-Dec-08 | 0.000457 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00335 | 31-Jan-08 | 0.000762 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00335 | 31-Mar-08 | 0.000533 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00335 | 30-Apr-08 | 0.00038 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00335 | 31-May-08 | 0.000571 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00335 | 30-Jun-08 | 0.000761 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00335 | 31-Jul-08 | 0.000474 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00335 | 31-Aug-08 | 0.00038 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00335 | 30-Sep-08 | 0.000561 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00335 | 31-Oct-08 | 0.000952 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00335 | 31-Dec-08 | 0.000457 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00400 | 31-Jan-08 | 0.000762 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00400 | 31-Mar-08 | 0.000533 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00400 | 30-Apr-08 | 0.00038 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00400 | 31-May-08 | 0.000571 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00400 | 30-Jun-08 | 0.000761 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00400 | 31-Jul-08 | 0.000474 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00400 | 31-Aug-08 | 0.00038 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------|----------|------|------|-------|-----------|-----------|
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00400 | 30-Sep-08 | 0.000561 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00400 | 31-Oct-08 | 0.000952 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00400 | 30-Nov-08 | 0.000762 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00400 | 31-Dec-08 | 0.000457 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00515 | 31-Jan-08 | 0.000762 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00515 | 31-Mar-08 | 0.000533 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00515 | 30-Apr-08 | 0.00038 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00515 | 31-May-08 | 0.000571 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00515 | 30-Jun-08 | 0.000761 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00515 | 31-Jul-08 | 0.000474 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00515 | 31-Aug-08 | 0.00038 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00515 | 30-Sep-08 | 0.000561 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00515 | 31-Oct-08 | 0.000952 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00515 | 30-Nov-08 | 0.000762 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00515 | 31-Dec-08 | 0.000457 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00610 | 31-Jan-08 | 0.000762 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00610 | 31-Mar-08 | 0.000533 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00610 | 30-Apr-08 | 0.00038 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00610 | 31-May-08 | 0.000571 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00610 | 30-Jun-08 | 0.000761 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00610 | 31-Jul-08 | 0.000474 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00610 | 31-Aug-08 | 0.00038 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00610 | 30-Sep-08 | 0.000561 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00610 | 31-Oct-08 | 0.000952 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00680 | 31-Jan-08 | 0.000762 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00680 | 31-Mar-08 | 0.000533 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00680 | 30-Apr-08 | 0.00038 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00680 | 31-May-08 | 0.000571 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00680 | 30-Jun-08 | 0.000761 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00680 | 31-Jul-08 | 0.000474 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00680 | 31-Aug-08 | 0.00038 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00680 | 30-Sep-08 | 0.000561 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00680 | 31-Oct-08 | 0.000952 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00927 | 31-Mar-08 | 0.000533 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00927 | 30-Jun-08 | 0.000761 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00927 | 31-Aug-08 | 0.00038 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00927 | 31-Dec-08 | 0.000457 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00940 | 31-Mar-08 | 0.000533 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00940 | 30-Jun-08 | 0.000761 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00940 | 31-Aug-08 | 0.00038 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00945 | 31-Mar-08 | 0.000533 |
| FQ1 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00945 | 30-Jun-08 | 0.000761 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------|----------|------|------|-------|-----------|-----------|
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00945 | 31-Aug-08 | 0.00038 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 00945 | 31-Dec-08 | 0.000457 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 01045 | 31-Mar-08 | 0.000533 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 01045 | 30-Jun-08 | 0.000761 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 01045 | 31-Aug-08 | 0.00038 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 01045 | 31-Dec-08 | 0.000457 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 01055 | 31-Mar-08 | 0.000533 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 01055 | 30-Jun-08 | 0.000761 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 01055 | 31-Aug-08 | 0.00038 |
| FQ1 | OH0104507 | Mead Depot Landfill | . OH | 002 | 1 | 01055 | 31-Dec-08 | 0.000457 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00010 | 31-Jan-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00010 | 29-Feb-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00010 | 31-Mar-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00010 | 30-Apr-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00010 | 31-May-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00010 | 31-Jul-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00010 | 31-Aug-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00056 | 31-Jan-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00056 | 29-Feb-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00056 | 31-Mar-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00056 | 30-Apr-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00056 | 31-May-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00056 | 31-Jul-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00056 | 31-Aug-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00083 | 31-Jan-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00083 | 29-Feb-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00083 | 31-Mar-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00083 | 30-Apr-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00083 | 31-May-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00083 | 31-Jul-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00083 | 31-Aug-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00300 | 31-Jan-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00300 | 29-Feb-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00300 | 31-Mar-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00300 | 30-Apr-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00300 | 31-May-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00300 | 31-Jul-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00300 | 31-Aug-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00400 | 31-Jan-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00400 | 29-Feb-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00400 | 31-Mar-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00400 | 30-Apr-08 | 0.001 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--------------------|----------|------|------|-------|-----------|-----------|
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00400 | 31-May-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00400 | 31-Jul-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00400 | 31-Aug-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00530 | 31-Jan-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00530 | 29-Feb-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00530 | 31-Mar-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00530 | 30-Apr-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00530 | 31-May-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00530 | 31-Jul-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00530 | 31-Aug-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00610 | 31-Jan-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00610 | 29-Feb-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00610 | 31-Mar-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00610 | 30-Apr-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00610 | 31-May-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00610 | 31-Jul-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00610 | 31-Aug-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01330 | 31-Jan-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01330 | 29-Feb-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01330 | 31-Mar-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01330 | 30-Apr-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01330 | 31-May-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01330 | 31-Jul-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01330 | 31-Aug-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01350 | 31-Jan-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01350 | 29-Feb-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01350 | 31-Mar-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01350 | 30-Apr-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01350 | 31-May-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01350 | 31-Jul-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01350 | 31-Aug-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 31616 | 31-May-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 31616 | 31-Jul-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 31616 | 31-Aug-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 50060 | 31-May-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 50060 | 31-Jul-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 50060 | 31-Aug-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 80082 | 31-Jan-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 80082 | 29-Feb-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 80082 | 31-Mar-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 80082 | 30-Apr-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 80082 | 31-May-08 | 0.001 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------------|----------|------|------|-------|-----------|-----------|
| FQ1 | OH0108979 | Wullenweber Motors | , OH | 001 | 1 | 80082 | 31-Jul-08 | 0.001 |
| FQ1 | OH0108979 | Wullenweber Motors | , OH | 001 | 1 | 80082 | 31-Aug-08 | 0.001 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00010 | 31-Jan-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00010 | 29-Feb-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00010 | 31-Mar-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00010 | 30-Apr-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00010 | 31-May-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00010 | 30-Jun-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00010 | 31-Jul-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00010 | 31-Aug-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00010 | 30-Sep-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00010 | 31-Oct-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00010 | 30-Nov-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00010 | 31-Dec-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00056 | 31-Jan-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00056 | 29-Feb-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00056 | 31-Mar-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00056 | 30-Apr-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00056 | 31-May-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00056 | 30-Jun-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00056 | 31-Jul-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00056 | 31-Aug-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00056 | 30-Sep-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00056 | 31-Oct-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00056 | 30-Nov-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00056 | 31-Dec-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00083 | 31-Jan-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00083 | 29-Feb-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00083 | 31-Mar-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00083 | 30-Apr-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00083 | 31-May-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00083 | 30-Jun-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00083 | 31-Jul-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00083 | 31-Aug-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00083 | 30-Sep-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00083 | 31-Oct-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00083 | 30-Nov-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00083 | 31-Dec-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00300 | 31-Mar-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00300 | 30-Jun-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00300 | 31-Aug-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00300 | 31-Dec-08 | 0.00036 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------------|----------|------|------|-------|-----------|-----------|
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00400 | 31-Mar-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00400 | 30-Jun-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00400 | 31-Aug-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00400 | 31-Dec-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00530 | 31-Mar-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00530 | 30-Jun-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00530 | 31-Aug-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00530 | 31-Dec-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00610 | 31-Mar-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00610 | 30-Jun-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00610 | 31-Aug-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00610 | 31-Dec-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01330 | 31-Jan-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01330 | 29-Feb-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01330 | 31-Mar-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01330 | 30-Apr-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01330 | 31-May-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01330 | 30-Jun-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01330 | 31-Jul-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01330 | 31-Aug-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01330 | 30-Sep-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01330 | 31-Oct-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01330 | 30-Nov-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01330 | 31-Dec-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01350 | 31-Jan-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01350 | 29-Feb-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01350 | 31-Mar-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01350 | 30-Apr-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01350 | 31-May-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01350 | 30-Jun-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01350 | 31-Jul-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01350 | 31-Aug-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01350 | 30-Sep-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01350 | 31-Oct-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01350 | 30-Nov-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01350 | 31-Dec-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 31616 | 30-Jun-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 31616 | 31-Aug-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 50060 | 30-Jun-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 50060 | 31-Aug-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 80082 | 31-Mar-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 80082 | 30-Jun-08 | 0.00036 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------------|----------|------|------|-------|-----------|--------------|
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | . OH | 001 | 1 | 80082 | 31-Aug-08 | 0.00036 |
| FQ1 | OH0118320 | Saint Ilija Macadonian Church | . OH | 001 | 1 | 80082 | 31-Dec-08 | 0.00036 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00010 | 31-Jan-08 | 0.0003741935 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00010 | 29-Feb-08 | 0.0004565517 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00010 | 31-Mar-08 | 0.0004464516 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00010 | 30-Apr-08 | 0.0004813333 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00010 | 31-May-08 | 0.0005406452 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00010 | 30-Jun-08 | 0.000736 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00010 | 31-Aug-08 | 0.0006129032 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00010 | 30-Sep-08 | 0.0007093333 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00010 | 31-Oct-08 | 0.0006967742 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00010 | 30-Nov-08 | 0.0007254 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00010 | 31-Dec-08 | 0.000707 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00056 | 31-Jan-08 | 0.0003741935 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00056 | 29-Feb-08 | 0.0004565517 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00056 | 31-Mar-08 | 0.0004464516 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00056 | 30-Apr-08 | 0.0004813333 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00056 | 31-May-08 | 0.0005406452 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00056 | 30-Jun-08 | 0.000736 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00056 | 31-Aug-08 | 0.0006129032 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00056 | 30-Sep-08 | 0.0007093333 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00056 | 31-Oct-08 | 0.0006967742 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00056 | 30-Nov-08 | 0.0007254 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00056 | 31-Dec-08 | 0.000707 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00083 | 31-Jan-08 | 0.0003741935 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00083 | 29-Feb-08 | 0.0004565517 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00083 | 31-Mar-08 | 0.0004464516 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00083 | 30-Apr-08 | 0.0004813333 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00083 | 31-May-08 | 0.0005406452 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00083 | 30-Jun-08 | 0.000736 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00083 | 31-Aug-08 | 0.0006129032 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00083 | 30-Sep-08 | 0.0007093333 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00083 | 31-Oct-08 | 0.0006967742 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00083 | 30-Nov-08 | 0.0007254 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00083 | 31-Dec-08 | 0.000707 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00300 | 31-Jan-08 | 0.0003741935 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00300 | 29-Feb-08 | 0.0004565517 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00300 | 31-Mar-08 | 0.0004464516 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00300 | 30-Apr-08 | 0.0004813333 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00300 | 31-May-08 | 0.0005406452 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00300 | 30-Jun-08 | 0.000736 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 00300 | 31-Aug-08 | 0.0006129032 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------------|----------|------|------|-------|-----------|--------------|
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00300 | 30-Sep-08 | 0.0007093333 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00300 | 31-Oct-08 | 0.0006967742 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00300 | 30-Nov-08 | 0.0007254 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00300 | 31-Dec-08 | 0.000707 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00400 | 31-Jan-08 | 0.0003741935 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00400 | 29-Feb-08 | 0.0004565517 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00400 | 31-Mar-08 | 0.0004464516 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00400 | 30-Apr-08 | 0.0004813333 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00400 | 31-May-08 | 0.0005406452 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00400 | 30-Jun-08 | 0.000736 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00400 | 31-Aug-08 | 0.0006129032 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00400 | 30-Sep-08 | 0.0007093333 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00400 | 31-Oct-08 | 0.0006967742 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00400 | 30-Nov-08 | 0.0007254 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00400 | 31-Dec-08 | 0.000707 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00530 | 31-Jan-08 | 0.0003741935 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00530 | 29-Feb-08 | 0.0004565517 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00530 | 31-Mar-08 | 0.0004464516 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00530 | 30-Apr-08 | 0.0004813333 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00530 | 31-May-08 | 0.0005406452 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00530 | 30-Jun-08 | 0.000736 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00530 | 31-Aug-08 | 0.0006129032 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00530 | 30-Sep-08 | 0.0007093333 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00530 | 31-Oct-08 | 0.0006967742 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00530 | 30-Nov-08 | 0.0007254 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00530 | 31-Dec-08 | 0.000707 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00610 | 31-Jan-08 | 0.0003741935 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00610 | 29-Feb-08 | 0.0004565517 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00610 | 31-Mar-08 | 0.0004464516 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00610 | 30-Apr-08 | 0.0004813333 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00610 | 31-May-08 | 0.0005406452 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00610 | 30-Jun-08 | 0.000736 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00610 | 31-Aug-08 | 0.0006129032 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00610 | 30-Sep-08 | 0.0007093333 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00610 | 31-Oct-08 | 0.0006967742 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00610 | 30-Nov-08 | 0.0007254 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00610 | 31-Dec-08 | 0.000707 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01330 | 31-Jan-08 | 0.0003741935 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01330 | 29-Feb-08 | 0.0004565517 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01330 | 31-Mar-08 | 0.0004464516 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01330 | 30-Apr-08 | 0.0004813333 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01330 | 31-May-08 | 0.0005406452 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------------|----------|------|------|-------|-----------|--------------|
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01330 | 30-Jun-08 | 0.000736 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01330 | 31-Aug-08 | 0.0006129032 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01330 | 30-Sep-08 | 0.0007093333 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01330 | 31-Oct-08 | 0.0006967742 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01330 | 30-Nov-08 | 0.0007254 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01330 | 31-Dec-08 | 0.000707 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01350 | 31-Jan-08 | 0.0003741935 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01350 | 29-Feb-08 | 0.0004565517 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01350 | 31-Mar-08 | 0.0004464516 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01350 | 30-Apr-08 | 0.0004813333 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01350 | 31-May-08 | 0.0005406452 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01350 | 30-Jun-08 | 0.000736 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01350 | 31-Aug-08 | 0.0006129032 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01350 | 30-Sep-08 | 0.0007093333 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01350 | 31-Oct-08 | 0.0006967742 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01350 | 30-Nov-08 | 0.0007254 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01350 | 31-Dec-08 | 0.000707 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 31616 | 31-May-08 | 0.0005406452 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 31616 | 30-Jun-08 | 0.000736 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 31616 | 31-Aug-08 | 0.0006129032 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 31616 | 30-Sep-08 | 0.0007093333 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 31616 | 31-Oct-08 | 0.0006967742 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 50060 | 31-May-08 | 0.0005406452 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 50060 | 30-Jun-08 | 0.000736 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 50060 | 31-Aug-08 | 0.0006129032 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 50060 | 30-Sep-08 | 0.0007093333 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 50060 | 31-Oct-08 | 0.0006967742 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 80082 | 31-Jan-08 | 0.0003741935 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 80082 | 29-Feb-08 | 0.0004565517 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 80082 | 31-Mar-08 | 0.0004464516 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 80082 | 30-Apr-08 | 0.0004813333 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 80082 | 31-May-08 | 0.0005406452 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 80082 | 30-Jun-08 | 0.000736 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 80082 | 31-Aug-08 | 0.0006129032 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 80082 | 30-Sep-08 | 0.0007093333 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 80082 | 31-Oct-08 | 0.0006967742 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 80082 | 30-Nov-08 | 0.0007254 |
| FQ1 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 80082 | 31-Dec-08 | 0.000707 |
| FQ1 | OH0129518 | Smith's Pleasant Valley | , OH | 001 | 1 | 00010 | 30-Jun-08 | 0.000573 |
| FQ1 | OH0129518 | Smith's Pleasant Valley | , OH | 001 | 1 | 00010 | 31-Oct-08 | 0.0005904516 |
| FQ1 | OH0129518 | Smith's Pleasant Valley | , OH | 001 | 1 | 00056 | 30-Jun-08 | 0.000573 |
| FQ1 | OH0129518 | Smith's Pleasant Valley | , OH | 001 | 1 | 00056 | 31-Oct-08 | 0.0005904516 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------------|----------|------|------|-------|-----------|--------------|
| FQ1 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 00083 | 30-Jun-08 | 0.000573 |
| FQ1 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 00083 | 31-Oct-08 | 0.0005904516 |
| FQ1 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 00300 | 30-Jun-08 | 0.000573 |
| FQ1 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 00400 | 30-Jun-08 | 0.000573 |
| FQ1 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 00530 | 30-Jun-08 | 0.000573 |
| FQ1 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 00610 | 30-Jun-08 | 0.000573 |
| FQ1 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 01330 | 30-Jun-08 | 0.000573 |
| FQ1 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 01330 | 31-Oct-08 | 0.0005904516 |
| FQ1 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 01350 | 30-Jun-08 | 0.000573 |
| FQ1 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 01350 | 31-Oct-08 | 0.0005904516 |
| FQ1 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 31616 | 30-Jun-08 | 0.000573 |
| FQ1 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 50060 | 30-Jun-08 | 0.000573 |
| FQ1 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 80082 | 30-Jun-08 | 0.000573 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00010 | 29-Feb-08 | 0.000595 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00010 | 31-Mar-08 | 0.000817 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00010 | 31-May-08 | 0.00027 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00010 | 30-Jun-08 | 0.000357 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00010 | 31-Jul-08 | 0.000178 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00010 | 31-Aug-08 | 0.0001865806 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00010 | 30-Sep-08 | 0.000544 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00010 | 31-Oct-08 | 0.000448 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00010 | 30-Nov-08 | 0.000297 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00010 | 31-Dec-08 | 0.00036 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00056 | 29-Feb-08 | 0.000595 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00056 | 31-Mar-08 | 0.000817 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00056 | 31-May-08 | 0.00027 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00056 | 30-Jun-08 | 0.000357 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00056 | 31-Jul-08 | 0.000178 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00056 | 31-Aug-08 | 0.0001865806 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00056 | 30-Sep-08 | 0.000544 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00056 | 31-Oct-08 | 0.000448 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00056 | 30-Nov-08 | 0.000297 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00056 | 31-Dec-08 | 0.00036 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00083 | 29-Feb-08 | 0.000595 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00083 | 31-Mar-08 | 0.000817 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00083 | 31-May-08 | 0.00027 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00083 | 30-Jun-08 | 0.000357 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00083 | 31-Jul-08 | 0.000178 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00083 | 31-Aug-08 | 0.0001865806 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00083 | 30-Sep-08 | 0.000544 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00083 | 31-Oct-08 | 0.000448 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00083 | 30-Nov-08 | 0.000297 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------------|----------|------|------|-------|-----------|--------------|
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00083 | 31-Dec-08 | 0.00036 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00300 | 31-Mar-08 | 0.000817 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00300 | 30-Jun-08 | 0.000357 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00300 | 31-Aug-08 | 0.0001865806 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00300 | 31-Dec-08 | 0.00036 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00400 | 31-Mar-08 | 0.000817 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00400 | 30-Jun-08 | 0.000357 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00400 | 31-Aug-08 | 0.0001865806 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00400 | 31-Dec-08 | 0.00036 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00530 | 31-Mar-08 | 0.000817 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00530 | 30-Jun-08 | 0.000357 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00530 | 31-Aug-08 | 0.0001865806 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00530 | 31-Dec-08 | 0.00036 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00610 | 31-Mar-08 | 0.000817 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00610 | 30-Jun-08 | 0.000357 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00610 | 31-Aug-08 | 0.0001865806 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00610 | 31-Dec-08 | 0.00036 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01330 | 29-Feb-08 | 0.000595 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01330 | 31-Mar-08 | 0.000817 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01330 | 31-May-08 | 0.00027 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01330 | 30-Jun-08 | 0.000357 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01330 | 31-Jul-08 | 0.000178 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01330 | 31-Aug-08 | 0.0001865806 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01330 | 30-Sep-08 | 0.000544 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01330 | 31-Oct-08 | 0.000448 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01330 | 30-Nov-08 | 0.000297 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01330 | 31-Dec-08 | 0.00036 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01350 | 29-Feb-08 | 0.000595 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01350 | 31-Mar-08 | 0.000817 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01350 | 31-May-08 | 0.00027 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01350 | 30-Jun-08 | 0.000357 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01350 | 31-Jul-08 | 0.000178 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01350 | 31-Aug-08 | 0.0001865806 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01350 | 30-Sep-08 | 0.000544 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01350 | 31-Oct-08 | 0.000448 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01350 | 30-Nov-08 | 0.000297 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01350 | 31-Dec-08 | 0.00036 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 31616 | 30-Jun-08 | 0.000357 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 31616 | 31-Aug-08 | 0.0001865806 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 50060 | 30-Jun-08 | 0.000357 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 50060 | 31-Aug-08 | 0.0001865806 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 80082 | 31-Mar-08 | 0.000817 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------------|----------|------|------|-------|-----------|--------------|
| FQ1 | OH0131504 | Norbet Fun Family Bowling | , OH | 001 | 1 | 80082 | 30-Jun-08 | 0.000357 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | , OH | 001 | 1 | 80082 | 31-Aug-08 | 0.0001865806 |
| FQ1 | OH0131504 | Norbet Fun Family Bowling | , OH | 001 | 1 | 80082 | 31-Dec-08 | 0.00036 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00010 | 31-May-08 | 0.0006483226 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00010 | 30-Jun-08 | 0.0006535333 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00010 | 31-Aug-08 | 0.0006624839 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00010 | 30-Sep-08 | 0.0005906667 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00010 | 31-Oct-08 | 0.0005069355 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00010 | 30-Nov-08 | 0.0006026 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00010 | 31-Dec-08 | 0.0006899677 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00056 | 31-May-08 | 0.0006483226 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00056 | 30-Jun-08 | 0.0006535333 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00056 | 31-Aug-08 | 0.0006624839 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00056 | 30-Sep-08 | 0.0005906667 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00056 | 31-Oct-08 | 0.0005069355 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00056 | 30-Nov-08 | 0.0006026 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00056 | 31-Dec-08 | 0.0006899677 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00083 | 31-May-08 | 0.0006483226 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00083 | 30-Jun-08 | 0.0006535333 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00083 | 31-Aug-08 | 0.0006624839 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00083 | 30-Sep-08 | 0.0005906667 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00083 | 31-Oct-08 | 0.0005069355 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00083 | 30-Nov-08 | 0.0006026 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00083 | 31-Dec-08 | 0.0006899677 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00300 | 31-May-08 | 0.0006483226 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00300 | 30-Jun-08 | 0.0006535333 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00300 | 31-Aug-08 | 0.0006624839 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00300 | 30-Sep-08 | 0.0005906667 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00300 | 31-Oct-08 | 0.0005069355 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00300 | 30-Nov-08 | 0.0006026 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00300 | 31-Dec-08 | 0.0006899677 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00300 | 30-Jun-08 | 0.0006483226 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00400 | 31-May-08 | 0.0006483226 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00400 | 30-Jun-08 | 0.0006535333 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00400 | 31-Aug-08 | 0.0006624839 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00400 | 30-Sep-08 | 0.0005906667 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00400 | 31-Oct-08 | 0.0005069355 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00400 | 30-Nov-08 | 0.0006026 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00400 | 31-Dec-08 | 0.0006899677 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00530 | 31-May-08 | 0.0006483226 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00530 | 30-Jun-08 | 0.0006535333 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00530 | 31-Aug-08 | 0.0006624839 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00530 | 30-Sep-08 | 0.0005906667 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--------------------------|----------|------|------|-------|-----------|--------------|
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00530 | 31-Oct-08 | 0.0005069355 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00530 | 30-Nov-08 | 0.0006026 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00530 | 31-Dec-08 | 0.0006899677 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00610 | 31-May-08 | 0.0006483226 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00610 | 30-Jun-08 | 0.0006535333 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00610 | 31-Aug-08 | 0.0006624839 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00610 | 30-Sep-08 | 0.0005906667 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00610 | 31-Oct-08 | 0.0005069355 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00610 | 30-Nov-08 | 0.0006026 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 00610 | 31-Dec-08 | 0.0006899677 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 01330 | 31-May-08 | 0.0006483226 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 01330 | 30-Jun-08 | 0.0006535333 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 01330 | 31-Aug-08 | 0.0006624839 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 01330 | 30-Sep-08 | 0.0005906667 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 01330 | 31-Oct-08 | 0.0005069355 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 01330 | 30-Nov-08 | 0.0006026 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 01330 | 31-Dec-08 | 0.0006899677 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 01350 | 31-May-08 | 0.0006483226 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 01350 | 30-Jun-08 | 0.0006535333 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 01350 | 31-Aug-08 | 0.0006624839 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 01350 | 30-Sep-08 | 0.0005906667 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 01350 | 31-Oct-08 | 0.0005069355 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 01350 | 30-Nov-08 | 0.0006026 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 01350 | 31-Dec-08 | 0.0006899677 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 31616 | 31-May-08 | 0.0006483226 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 31616 | 30-Jun-08 | 0.0006535333 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 31616 | 31-Aug-08 | 0.0006624839 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 31616 | 30-Sep-08 | 0.0005906667 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 31616 | 31-Oct-08 | 0.0005069355 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 50060 | 31-May-08 | 0.0006483226 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 50060 | 30-Jun-08 | 0.0006535333 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 50060 | 31-Aug-08 | 0.0006624839 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 50060 | 30-Sep-08 | 0.0005906667 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 50060 | 31-Oct-08 | 0.0005069355 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 80082 | 31-May-08 | 0.0006483226 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 80082 | 30-Jun-08 | 0.0006535333 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 80082 | 31-Aug-08 | 0.0006624839 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 80082 | 30-Sep-08 | 0.0005906667 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 80082 | 31-Oct-08 | 0.0005069355 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 80082 | 30-Nov-08 | 0.0006026 |
| FQ1 | OH0133221 | Debora K. Schiemann | , OH | 001 | 1 | 80082 | 31-Dec-08 | 0.0006899677 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00056 | 31-Jan-08 | 0.0004709677 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--------------------------|----------|------|------|-------|-----------|--------------|
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00056 | 29-Feb-08 | 0.0009489655 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00056 | 31-Mar-08 | 0.0007777419 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00056 | 30-Apr-08 | 0.000377 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00056 | 31-May-08 | 0.0002867742 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00056 | 30-Jun-08 | 0.0003163333 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00056 | 31-Jul-08 | 0.0002359355 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00056 | 31-Aug-08 | 0.0001885484 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00056 | 30-Sep-08 | 0.0001303333 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00056 | 31-Oct-08 | 9.5129e-005 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00056 | 30-Nov-08 | 9.18333e-005 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00056 | 31-Dec-08 | 0.0002041935 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00083 | 31-Jan-08 | 0.0004709677 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00083 | 29-Feb-08 | 0.0009489655 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00083 | 31-Mar-08 | 0.0007777419 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00083 | 30-Apr-08 | 0.000377 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00083 | 31-May-08 | 0.0002867742 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00083 | 30-Jun-08 | 0.0003163333 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00083 | 31-Jul-08 | 0.0002359355 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00083 | 31-Aug-08 | 0.0001885484 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00083 | 30-Sep-08 | 0.0001303333 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00083 | 31-Oct-08 | 9.5129e-005 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00083 | 30-Nov-08 | 9.18333e-005 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00083 | 31-Dec-08 | 0.0002041935 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00300 | 31-Mar-08 | 0.0007777419 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00300 | 30-Jun-08 | 0.0003163333 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00300 | 31-Aug-08 | 0.0001885484 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00300 | 31-Dec-08 | 0.0002041935 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00400 | 31-Aug-08 | 0.0001885484 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00400 | 31-Dec-08 | 0.0002041935 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00530 | 31-Mar-08 | 0.0007777419 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00530 | 30-Jun-08 | 0.0003163333 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00530 | 31-Aug-08 | 0.0001885484 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00530 | 31-Dec-08 | 0.0002041935 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00610 | 30-Jun-08 | 0.0003163333 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00610 | 31-Aug-08 | 0.0001885484 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00610 | 31-Dec-08 | 0.0002041935 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01330 | 31-Jan-08 | 0.0004709677 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01330 | 29-Feb-08 | 0.0009489655 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01330 | 31-Mar-08 | 0.0007777419 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01330 | 30-Apr-08 | 0.000377 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01330 | 31-May-08 | 0.0002867742 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01330 | 30-Jun-08 | 0.0003163333 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--------------------------------|----------|------|------|-------|-----------|--------------|
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01330 | 31-Jul-08 | 0.0002359355 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01330 | 31-Aug-08 | 0.0001885484 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01330 | 30-Sep-08 | 0.0001303333 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01330 | 31-Oct-08 | 9.5129e-005 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01330 | 30-Nov-08 | 9.18333e-005 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01330 | 31-Dec-08 | 0.0002041935 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01350 | 31-Jan-08 | 0.0004709677 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01350 | 29-Feb-08 | 0.0009489655 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01350 | 31-Mar-08 | 0.0007777419 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01350 | 30-Apr-08 | 0.000377 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01350 | 31-May-08 | 0.0002867742 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01350 | 30-Jun-08 | 0.0003163333 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01350 | 31-Jul-08 | 0.0002359355 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01350 | 31-Aug-08 | 0.0001885484 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01350 | 30-Sep-08 | 0.0001303333 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01350 | 31-Oct-08 | 9.5129e-005 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01350 | 30-Nov-08 | 9.18333e-005 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01350 | 31-Dec-08 | 0.0002041935 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 31616 | 30-Jun-08 | 0.0003163333 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 31616 | 31-Aug-08 | 0.0001885484 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 31616 | 30-Sep-08 | 0.0001303333 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 31616 | 31-Oct-08 | 9.5129e-005 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 50060 | 30-Jun-08 | 0.0003163333 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 50060 | 31-Aug-08 | 0.0001885484 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 80082 | 31-Mar-08 | 0.0007777419 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 80082 | 30-Jun-08 | 0.0003163333 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 80082 | 31-Aug-08 | 0.0001885484 |
| FQ1 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 80082 | 31-Dec-08 | 0.0002041935 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00010 | 31-Jan-08 | 0.000144 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00010 | 29-Feb-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00010 | 31-Mar-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00010 | 30-Apr-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00010 | 31-May-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00010 | 30-Jun-08 | 0.000132 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00010 | 31-Aug-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00010 | 30-Sep-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00010 | 31-Oct-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00010 | 30-Nov-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00010 | 31-Dec-08 | 0.000144 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00056 | 31-Jan-08 | 0.000144 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00056 | 29-Feb-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00056 | 31-Mar-08 | 9.6e-005 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--------------------------------|----------|------|------|-------|-----------|-----------|
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00056 | 30-Apr-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00056 | 31-May-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00056 | 30-Jun-08 | 0.000132 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00056 | 31-Aug-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00056 | 30-Sep-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00056 | 31-Oct-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00056 | 30-Nov-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00056 | 31-Dec-08 | 0.000144 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00083 | 31-Jan-08 | 0.000144 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00083 | 29-Feb-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00083 | 31-Mar-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00083 | 30-Apr-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00083 | 31-May-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00083 | 30-Jun-08 | 0.000132 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00083 | 31-Aug-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00083 | 30-Sep-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00083 | 31-Oct-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00083 | 30-Nov-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00083 | 31-Dec-08 | 0.000144 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00300 | 31-Mar-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00300 | 30-Jun-08 | 0.000132 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00300 | 31-Aug-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00300 | 31-Dec-08 | 0.000144 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00400 | 31-Mar-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00400 | 30-Jun-08 | 0.000132 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00400 | 31-Aug-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00400 | 31-Dec-08 | 0.000144 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00530 | 31-Mar-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00530 | 30-Jun-08 | 0.000132 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00530 | 31-Aug-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00530 | 31-Dec-08 | 0.000144 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00610 | 31-Mar-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00610 | 30-Jun-08 | 0.000132 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00610 | 31-Aug-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00610 | 31-Dec-08 | 0.000144 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01330 | 31-Jan-08 | 0.000144 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01330 | 29-Feb-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01330 | 31-Mar-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01330 | 30-Apr-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01330 | 31-May-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01330 | 30-Jun-08 | 0.000132 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01330 | 31-Aug-08 | 9.6e-005 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--------------------------------|----------|------|------|-------|-----------|--------------|
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01330 | 30-Sep-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01330 | 31-Oct-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01330 | 30-Nov-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01330 | 31-Dec-08 | 0.000144 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01350 | 31-Jan-08 | 0.000144 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01350 | 29-Feb-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01350 | 31-Mar-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01350 | 30-Apr-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01350 | 31-May-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01350 | 30-Jun-08 | 0.000132 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01350 | 31-Aug-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01350 | 30-Sep-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01350 | 31-Oct-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01350 | 30-Nov-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01350 | 31-Dec-08 | 0.000144 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 31616 | 30-Jun-08 | 0.000132 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 31616 | 31-Aug-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 50060 | 30-Jun-08 | 0.000132 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 50060 | 31-Aug-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 80082 | 31-Mar-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 80082 | 30-Jun-08 | 0.000132 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 80082 | 31-Aug-08 | 9.6e-005 |
| FQ1 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 80082 | 31-Dec-08 | 0.000144 |
| FQ1 | OH0134732 | Capps Tavern | , OH | 001 | 1 | 00010 | 29-Feb-08 | 0.0009413793 |
| FQ1 | OH0134732 | Capps Tavern | , OH | 001 | 1 | 00010 | 31-Mar-08 | 0.0009129032 |
| FQ1 | OH0134732 | Capps Tavern | , OH | 001 | 1 | 00010 | 30-Apr-08 | 0.00094 |
| FQ1 | OH0134732 | Capps Tavern | , OH | 001 | 1 | 00010 | 31-May-08 | 0.0009806452 |
| FQ1 | OH0134732 | Capps Tavern | , OH | 001 | 1 | 00010 | 30-Jun-08 | 0.0009866667 |
| FQ1 | OH0134732 | Capps Tavern | , OH | 001 | 1 | 00010 | 31-Jul-08 | 0.0009903226 |
| FQ1 | OH0134732 | Capps Tavern | , OH | 001 | 1 | 00010 | 31-Aug-08 | 0.0009354839 |
| FQ1 | OH0134732 | Capps Tavern | , OH | 001 | 1 | 00010 | 30-Sep-08 | 0.000865 |
| FQ1 | OH0134732 | Capps Tavern | , OH | 001 | 1 | 00010 | 30-Nov-08 | 0.0008673333 |
| FQ1 | OH0134732 | Capps Tavern | , OH | 001 | 1 | 00010 | 31-Dec-08 | 0.0008290323 |
| FQ1 | OH0134732 | Capps Tavern | , OH | 001 | 1 | 00056 | 29-Feb-08 | 0.0009413793 |
| FQ1 | OH0134732 | Capps Tavern | , OH | 001 | 1 | 00056 | 31-Mar-08 | 0.0009129032 |
| FQ1 | OH0134732 | Capps Tavern | , OH | 001 | 1 | 00056 | 30-Apr-08 | 0.00094 |
| FQ1 | OH0134732 | Capps Tavern | , OH | 001 | 1 | 00056 | 31-May-08 | 0.0009806452 |
| FQ1 | OH0134732 | Capps Tavern | , OH | 001 | 1 | 00056 | 30-Jun-08 | 0.0009866667 |
| FQ1 | OH0134732 | Capps Tavern | , OH | 001 | 1 | 00056 | 31-Jul-08 | 0.0009903226 |
| FQ1 | OH0134732 | Capps Tavern | , OH | 001 | 1 | 00056 | 31-Aug-08 | 0.0009354839 |
| FQ1 | OH0134732 | Capps Tavern | , OH | 001 | 1 | 00056 | 30-Sep-08 | 0.000865 |
| FQ1 | OH0134732 | Capps Tavern | , OH | 001 | 1 | 00056 | 30-Nov-08 | 0.0008673333 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------|----------|------|------|-------|-----------|--------------|
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 00056 | 31-Dec-08 | 0.0008290323 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 00083 | 29-Feb-08 | 0.0009413793 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 00083 | 31-Mar-08 | 0.0009129032 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 00083 | 30-Apr-08 | 0.00094 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 00083 | 31-May-08 | 0.0009806452 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 00083 | 30-Jun-08 | 0.0009866667 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 00083 | 31-Jul-08 | 0.0009903226 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 00083 | 31-Aug-08 | 0.0009354839 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 00083 | 30-Sep-08 | 0.000865 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 00083 | 30-Nov-08 | 0.0008673333 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 00083 | 31-Dec-08 | 0.0008290323 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 00300 | 31-Mar-08 | 0.0009129032 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 00300 | 30-Jun-08 | 0.0009866667 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 00300 | 31-Aug-08 | 0.0009354839 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 00300 | 31-Dec-08 | 0.0008290323 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 00530 | 31-Mar-08 | 0.0009129032 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 00530 | 30-Jun-08 | 0.0009866667 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 00530 | 31-Aug-08 | 0.0009354839 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 00530 | 31-Dec-08 | 0.0008290323 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 00610 | 31-Mar-08 | 0.0009129032 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 00610 | 30-Jun-08 | 0.0009866667 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 00610 | 31-Aug-08 | 0.0009354839 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 00610 | 31-Dec-08 | 0.0008290323 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 01330 | 29-Feb-08 | 0.0009413793 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 01330 | 31-Mar-08 | 0.0009129032 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 01330 | 30-Apr-08 | 0.00094 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 01330 | 31-May-08 | 0.0009806452 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 01330 | 30-Jun-08 | 0.0009866667 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 01330 | 31-Jul-08 | 0.0009903226 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 01330 | 31-Aug-08 | 0.0009354839 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 01330 | 30-Sep-08 | 0.000865 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 01330 | 30-Nov-08 | 0.0008673333 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 01330 | 31-Dec-08 | 0.0008290323 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 01350 | 29-Feb-08 | 0.0009413793 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 01350 | 31-Mar-08 | 0.0009129032 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 01350 | 30-Apr-08 | 0.00094 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 01350 | 31-May-08 | 0.0009806452 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 01350 | 30-Jun-08 | 0.0009866667 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 01350 | 31-Jul-08 | 0.0009903226 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 01350 | 31-Aug-08 | 0.0009354839 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 01350 | 30-Sep-08 | 0.000865 |
| FQ1 | OH0134732 | Capps Tavern | . OH | 001 | 1 | 01350 | 30-Nov-08 | 0.0008673333 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------------|----------|------|------|-------|-----------|--------------|
| FQ1 | OH0134732 | Capps Tavern | , OH | 001 | 1 | 01350 | 31-Dec-08 | 0.0008290323 |
| FQ1 | OH0134732 | Capps Tavern | , OH | 001 | 1 | 31616 | 30-Jun-08 | 0.0009866667 |
| FQ1 | OH0134732 | Capps Tavern | , OH | 001 | 1 | 31616 | 31-Aug-08 | 0.0009354839 |
| FQ1 | OH0134732 | Capps Tavern | , OH | 001 | 1 | 50060 | 30-Jun-08 | 0.0009866667 |
| FQ1 | OH0134732 | Capps Tavern | , OH | 001 | 1 | 50060 | 31-Aug-08 | 0.0009354839 |
| FQ1 | OH0134732 | Capps Tavern | , OH | 001 | 1 | 80082 | 31-Mar-08 | 0.0009129032 |
| FQ1 | OH0134732 | Capps Tavern | , OH | 001 | 1 | 80082 | 30-Jun-08 | 0.0009866667 |
| FQ1 | OH0134732 | Capps Tavern | , OH | 001 | 1 | 80082 | 31-Aug-08 | 0.0009354839 |
| FQ1 | OH0134732 | Capps Tavern | , OH | 001 | 1 | 80082 | 31-Dec-08 | 0.0008290323 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00010 | 29-Feb-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00010 | 31-Mar-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00010 | 30-Apr-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00010 | 31-May-08 | 0.0006 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00010 | 30-Jun-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00010 | 31-Jul-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00010 | 31-Aug-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00010 | 30-Sep-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00056 | 29-Feb-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00056 | 31-Mar-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00056 | 30-Apr-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00056 | 31-May-08 | 0.0006 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00056 | 30-Jun-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00056 | 31-Jul-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00056 | 31-Aug-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00056 | 30-Sep-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00083 | 29-Feb-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00083 | 31-Mar-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00083 | 30-Apr-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00083 | 31-May-08 | 0.0006 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00083 | 30-Jun-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00083 | 31-Jul-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00083 | 31-Aug-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00083 | 30-Sep-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00300 | 29-Feb-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00300 | 31-Mar-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00300 | 30-Apr-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00300 | 31-May-08 | 0.0006 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00300 | 30-Jun-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00300 | 31-Jul-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00300 | 31-Aug-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00300 | 30-Sep-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00400 | 29-Feb-08 | 0.0008 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------------|----------|------|------|-------|-----------|-------------|
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00400 | 31-Mar-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00400 | 30-Apr-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00400 | 31-May-08 | 0.0006 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00400 | 30-Jun-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00400 | 31-Jul-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00400 | 31-Aug-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00400 | 30-Sep-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00530 | 29-Feb-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00530 | 31-Mar-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00530 | 30-Apr-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00530 | 31-May-08 | 0.0006 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00530 | 30-Jun-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00530 | 31-Jul-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00530 | 31-Aug-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00530 | 30-Sep-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00610 | 29-Feb-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00610 | 31-Mar-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00610 | 30-Apr-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00610 | 31-May-08 | 0.0006 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00610 | 30-Jun-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00610 | 31-Jul-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00610 | 31-Aug-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00610 | 30-Sep-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00610 | 31-Oct-08 | 0.002831548 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01330 | 29-Feb-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01330 | 31-Mar-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01330 | 30-Apr-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01330 | 31-May-08 | 0.0006 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01330 | 30-Jun-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01330 | 31-Jul-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01330 | 31-Aug-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01330 | 30-Sep-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01350 | 29-Feb-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01350 | 31-Mar-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01350 | 30-Apr-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01350 | 31-May-08 | 0.0006 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01350 | 30-Jun-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01350 | 31-Jul-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01350 | 31-Aug-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01350 | 30-Sep-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 31616 | 31-May-08 | 0.0006 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 31616 | 30-Jun-08 | 0.0008 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------------|----------|------|------|-------|-----------|-------------|
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 31616 | 31-Jul-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 31616 | 31-Aug-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 31616 | 30-Sep-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 31616 | 31-Oct-08 | 0.002831548 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 50060 | 31-May-08 | 0.0006 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 50060 | 30-Jun-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 50060 | 31-Jul-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 50060 | 31-Aug-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 50060 | 30-Sep-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 50060 | 31-Oct-08 | 0.002831548 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 80082 | 29-Feb-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 80082 | 31-Mar-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 80082 | 30-Apr-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 80082 | 31-May-08 | 0.0006 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 80082 | 30-Jun-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 80082 | 31-Jul-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 80082 | 31-Aug-08 | 0.0008 |
| FQ1 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 80082 | 30-Sep-08 | 0.0008 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00010 | 31-Jan-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00010 | 29-Feb-08 | 0.000689 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00010 | 31-Mar-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00010 | 30-Apr-08 | 0.000667 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00010 | 31-May-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00010 | 30-Jun-08 | 0.000667 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00010 | 31-Jul-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00010 | 31-Aug-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00010 | 30-Sep-08 | 0.000667 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00010 | 31-Oct-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00010 | 30-Nov-08 | 0.00012 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00010 | 31-Dec-08 | 0.00012 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00056 | 31-Jan-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00056 | 29-Feb-08 | 0.000689 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00056 | 31-Mar-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00056 | 30-Apr-08 | 0.000667 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00056 | 31-May-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00056 | 30-Jun-08 | 0.000667 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00056 | 31-Jul-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00056 | 31-Aug-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00056 | 30-Sep-08 | 0.000667 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00056 | 31-Oct-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00056 | 30-Nov-08 | 0.00012 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00056 | 31-Dec-08 | 0.00012 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------------|----------|------|------|-------|-----------|-----------|
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00083 | 31-Jan-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00083 | 29-Feb-08 | 0.000689 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00083 | 31-Mar-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00083 | 30-Apr-08 | 0.000667 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00083 | 31-May-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00083 | 30-Jun-08 | 0.000667 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00083 | 31-Jul-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00083 | 31-Aug-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00083 | 30-Sep-08 | 0.000667 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00083 | 31-Oct-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00083 | 30-Nov-08 | 0.00012 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00083 | 31-Dec-08 | 0.00012 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00300 | 31-Mar-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00300 | 30-Jun-08 | 0.000667 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00300 | 31-Aug-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00300 | 31-Dec-08 | 0.00012 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00400 | 31-Mar-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00400 | 30-Jun-08 | 0.000667 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00400 | 31-Aug-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00400 | 31-Dec-08 | 0.00012 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00530 | 31-Mar-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00530 | 30-Jun-08 | 0.000667 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00530 | 31-Aug-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00530 | 31-Dec-08 | 0.00012 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00610 | 31-Mar-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00610 | 30-Jun-08 | 0.000667 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00610 | 31-Aug-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00610 | 31-Dec-08 | 0.00012 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01330 | 31-Jan-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01330 | 29-Feb-08 | 0.000689 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01330 | 31-Mar-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01330 | 30-Apr-08 | 0.000667 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01330 | 31-May-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01330 | 30-Jun-08 | 0.000667 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01330 | 31-Jul-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01330 | 31-Aug-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01330 | 30-Sep-08 | 0.000667 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01330 | 31-Oct-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01330 | 30-Nov-08 | 0.00012 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01330 | 31-Dec-08 | 0.00012 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01350 | 31-Jan-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01350 | 29-Feb-08 | 0.000689 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------------|----------|------|------|-------|-----------|-----------|
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01350 | 31-Mar-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01350 | 30-Apr-08 | 0.000667 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01350 | 31-May-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01350 | 30-Jun-08 | 0.000667 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01350 | 31-Jul-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01350 | 31-Aug-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01350 | 30-Sep-08 | 0.000667 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01350 | 31-Oct-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01350 | 30-Nov-08 | 0.00012 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01350 | 31-Dec-08 | 0.00012 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 31616 | 30-Jun-08 | 0.000667 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 31616 | 31-Aug-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 50060 | 30-Jun-08 | 0.000667 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 50060 | 31-Aug-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 80082 | 31-Mar-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 80082 | 30-Jun-08 | 0.000667 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 80082 | 31-Aug-08 | 0.000645 |
| FQ1 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 80082 | 31-Dec-08 | 0.00012 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 010 | 1 | 00056 | 31-Oct-08 | 0.00077 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 010 | 1 | 00310 | 31-Oct-08 | 0.00077 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 010 | 1 | 00335 | 31-Oct-08 | 0.00077 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 010 | 1 | 00400 | 31-Oct-08 | 0.00077 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 010 | 1 | 00530 | 31-Oct-08 | 0.00077 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 010 | 1 | 00552 | 31-Oct-08 | 0.00077 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 010 | 1 | 00610 | 31-Oct-08 | 0.00077 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 010 | 1 | 00665 | 31-Oct-08 | 0.00077 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 010 | 1 | 01042 | 31-Oct-08 | 0.00077 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 010 | 1 | 01067 | 31-Oct-08 | 0.00077 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 010 | 1 | 01092 | 31-Oct-08 | 0.00077 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00056 | 31-May-08 | 0.037303 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00056 | 31-Aug-08 | 0.096127 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00056 | 30-Nov-08 | 0.000837 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00310 | 31-May-08 | 0.037303 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00310 | 31-Aug-08 | 0.096127 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00310 | 30-Nov-08 | 0.000837 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00335 | 31-May-08 | 0.037303 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00335 | 31-Aug-08 | 0.096127 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00335 | 30-Nov-08 | 0.000837 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00400 | 31-May-08 | 0.037303 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00400 | 31-Aug-08 | 0.096127 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00400 | 30-Nov-08 | 0.000837 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00530 | 31-May-08 | 0.037303 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--------------------|----------|------|------|-------|-----------|--------------|
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00530 | 31-Aug-08 | 0.096127 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00530 | 30-Nov-08 | 0.000837 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00552 | 31-May-08 | 0.037303 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00552 | 31-Aug-08 | 0.096127 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00552 | 30-Nov-08 | 0.000837 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00610 | 31-May-08 | 0.037303 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00610 | 31-Aug-08 | 0.096127 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00610 | 30-Nov-08 | 0.000837 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00665 | 31-May-08 | 0.037303 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00665 | 31-Aug-08 | 0.096127 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00665 | 30-Nov-08 | 0.000837 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 01042 | 31-May-08 | 0.037303 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 01042 | 31-Aug-08 | 0.096127 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 01042 | 30-Nov-08 | 0.000837 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 01067 | 31-May-08 | 0.037303 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 01067 | 31-Aug-08 | 0.096127 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 01067 | 30-Nov-08 | 0.000837 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 01092 | 31-May-08 | 0.037303 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 01092 | 31-Aug-08 | 0.096127 |
| FQ1 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 01092 | 30-Nov-08 | 0.000837 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00010 | 29-Feb-08 | 0.0002427586 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00010 | 31-Mar-08 | 0.0003173226 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00010 | 30-Apr-08 | 0.0003266667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00010 | 31-May-08 | 0.0003503226 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00010 | 30-Jun-08 | 0.0003456667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00010 | 31-Jul-08 | 0.0003780645 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00010 | 31-Aug-08 | 0.0003033667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00010 | 31-Oct-08 | 0.0002793548 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00010 | 30-Nov-08 | 0.0002433333 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00010 | 31-Dec-08 | 0.0002509677 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00056 | 29-Feb-08 | 0.0002427586 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00056 | 31-Mar-08 | 0.0003173226 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00056 | 30-Apr-08 | 0.0003266667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00056 | 31-May-08 | 0.0003503226 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00056 | 30-Jun-08 | 0.0003456667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00056 | 31-Jul-08 | 0.0003780645 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00056 | 31-Aug-08 | 0.0003033667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00056 | 31-Oct-08 | 0.0002793548 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00056 | 30-Nov-08 | 0.0002433333 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00056 | 31-Dec-08 | 0.0002509677 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00083 | 29-Feb-08 | 0.0002427586 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00083 | 31-Mar-08 | 0.0003173226 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------|----------|------|------|-------|-----------|--------------|
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00083 | 30-Apr-08 | 0.0003266667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00083 | 31-May-08 | 0.0003503226 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00083 | 30-Jun-08 | 0.0003456667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00083 | 31-Jul-08 | 0.0003780645 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00083 | 31-Aug-08 | 0.0003033667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00083 | 31-Oct-08 | 0.0002793548 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00083 | 30-Nov-08 | 0.0002433333 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00083 | 31-Dec-08 | 0.0002509677 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00300 | 31-Mar-08 | 0.0003173226 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00300 | 30-Jun-08 | 0.0003456667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00300 | 31-Aug-08 | 0.0003033667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00300 | 31-Dec-08 | 0.0002509677 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00400 | 31-Mar-08 | 0.0003173226 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00400 | 30-Jun-08 | 0.0003456667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00400 | 31-Aug-08 | 0.0003033667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00400 | 31-Dec-08 | 0.0002509677 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00530 | 31-Mar-08 | 0.0003173226 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00530 | 30-Jun-08 | 0.0003456667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00530 | 31-Aug-08 | 0.0003033667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00530 | 31-Dec-08 | 0.0002509677 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00610 | 31-Mar-08 | 0.0003173226 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00610 | 30-Jun-08 | 0.0003456667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00610 | 31-Aug-08 | 0.0003033667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00610 | 31-Dec-08 | 0.0002509677 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01330 | 29-Feb-08 | 0.0002427586 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01330 | 31-Mar-08 | 0.0003173226 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01330 | 30-Apr-08 | 0.0003266667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01330 | 31-May-08 | 0.0003503226 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01330 | 30-Jun-08 | 0.0003456667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01330 | 31-Jul-08 | 0.0003780645 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01330 | 31-Aug-08 | 0.0003033667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01330 | 31-Oct-08 | 0.0002793548 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01330 | 30-Nov-08 | 0.0002433333 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01330 | 31-Dec-08 | 0.0002509677 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01350 | 29-Feb-08 | 0.0002427586 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01350 | 31-Mar-08 | 0.0003173226 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01350 | 30-Apr-08 | 0.0003266667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01350 | 31-May-08 | 0.0003503226 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01350 | 30-Jun-08 | 0.0003456667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01350 | 31-Jul-08 | 0.0003780645 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01350 | 31-Aug-08 | 0.0003033667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01350 | 31-Oct-08 | 0.0002793548 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--|--------------|------|------|-------|-----------|--------------|
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01350 | 30-Nov-08 | 0.0002433333 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01350 | 31-Dec-08 | 0.0002509677 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 31616 | 30-Jun-08 | 0.0003456667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 31616 | 31-Aug-08 | 0.0003033667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 50060 | 30-Jun-08 | 0.0003456667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 50060 | 31-Aug-08 | 0.0003033667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 80082 | 31-Mar-08 | 0.0003173226 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 80082 | 30-Jun-08 | 0.0003456667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 80082 | 31-Aug-08 | 0.0003033667 |
| FQ1 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 80082 | 31-Dec-08 | 0.0002509677 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00011 | 31-Jan-08 | 0.07708 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00011 | 29-Feb-08 | 0.10199 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00011 | 31-Mar-08 | 0.08131 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00011 | 30-Apr-08 | 0.0879088 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00011 | 31-May-08 | 0.094658 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00011 | 30-Jun-08 | 0.0799 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00011 | 31-Jul-08 | 0.060912 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00011 | 31-Aug-08 | 0.087796 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00011 | 30-Sep-08 | 0.0879088 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00011 | 31-Oct-08 | 0.054802 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00011 | 30-Nov-08 | 0.05217 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00340 | 31-Mar-08 | 0.08131 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00340 | 30-Jun-08 | 0.0799 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00340 | 30-Sep-08 | 0.0879088 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00400 | 31-Jan-08 | 0.07708 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00400 | 29-Feb-08 | 0.10199 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--|--------------|------|------|-------|-----------|-----------|
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00400 | 31-Mar-08 | 0.08131 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00400 | 30-Apr-08 | 0.0879088 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00400 | 31-May-08 | 0.094658 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00400 | 30-Jun-08 | 0.0799 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00400 | 31-Jul-08 | 0.060912 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00400 | 31-Aug-08 | 0.087796 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00400 | 30-Sep-08 | 0.0879088 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00400 | 31-Oct-08 | 0.054802 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00400 | 30-Nov-08 | 0.05217 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00530 | 31-Mar-08 | 0.08131 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00530 | 30-Jun-08 | 0.0799 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00530 | 30-Sep-08 | 0.0879088 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00951 | 31-Mar-08 | 0.08131 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00951 | 30-Jun-08 | 0.0799 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00951 | 30-Sep-08 | 0.0879088 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 01045 | 31-Mar-08 | 0.08131 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 01045 | 30-Jun-08 | 0.0799 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 01045 | 30-Sep-08 | 0.0879088 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 01055 | 31-Mar-08 | 0.08131 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 01055 | 30-Jun-08 | 0.0799 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 01055 | 30-Sep-08 | 0.0879088 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--|--------------|------|------|-------|-----------|-----------|
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 01092 | 31-Mar-08 | 0.08131 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 01092 | 30-Jun-08 | 0.0799 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 01092 | 30-Sep-08 | 0.0879088 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50050 | 31-Jan-08 | 0.07708 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50050 | 29-Feb-08 | 0.10199 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50050 | 31-Mar-08 | 0.08131 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50050 | 30-Apr-08 | 0.0879088 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50050 | 31-May-08 | 0.094658 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50050 | 30-Jun-08 | 0.0799 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50050 | 31-Jul-08 | 0.060912 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50050 | 31-Aug-08 | 0.087796 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50050 | 30-Sep-08 | 0.0879088 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50050 | 31-Oct-08 | 0.054802 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50050 | 30-Nov-08 | 0.05217 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50060 | 31-Jan-08 | 0.07708 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50060 | 29-Feb-08 | 0.10199 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50060 | 31-Mar-08 | 0.08131 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50060 | 30-Apr-08 | 0.0879088 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50060 | 31-May-08 | 0.094658 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50060 | 30-Jun-08 | 0.0799 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50060 | 31-Jul-08 | 0.060912 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--|--------------|------|------|-------|-----------|-----------|
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50060 | 31-Aug-08 | 0.087796 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50060 | 30-Sep-08 | 0.0879088 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50060 | 31-Oct-08 | 0.054802 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50060 | 30-Nov-08 | 0.05217 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00011 | 31-Jan-08 | 0.1483573 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00011 | 29-Feb-08 | 0.119875 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00011 | 31-Mar-08 | 0.122752 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00011 | 30-Apr-08 | 0.114121 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00011 | 31-May-08 | 0.4799795 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00011 | 30-Jun-08 | 0.473746 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00011 | 31-Jul-08 | 0.63294 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00011 | 31-Aug-08 | 0.4682797 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00011 | 30-Sep-08 | 0.5163256 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00011 | 31-Oct-08 | 0.453607 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00011 | 30-Nov-08 | 0.398944 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00400 | 31-Jan-08 | 0.1483573 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00400 | 29-Feb-08 | 0.119875 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00400 | 31-Mar-08 | 0.122752 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00400 | 30-Apr-08 | 0.114121 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00400 | 31-May-08 | 0.4799795 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00400 | 30-Jun-08 | 0.473746 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--|--------------|------|------|-------|-----------|-----------|
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00400 | 31-Jul-08 | 0.63294 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00400 | 31-Aug-08 | 0.4682797 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00400 | 30-Sep-08 | 0.5163256 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00400 | 31-Oct-08 | 0.453607 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00400 | 30-Nov-08 | 0.398944 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 01045 | 31-Mar-08 | 0.122752 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 01045 | 30-Jun-08 | 0.473746 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 01045 | 30-Sep-08 | 0.5163256 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 01092 | 31-Mar-08 | 0.122752 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 01092 | 30-Jun-08 | 0.473746 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 01092 | 30-Sep-08 | 0.5163256 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50050 | 31-Jan-08 | 0.1483573 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50050 | 29-Feb-08 | 0.119875 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50050 | 31-Mar-08 | 0.122752 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50050 | 30-Apr-08 | 0.114121 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50050 | 31-May-08 | 0.4799795 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50050 | 30-Jun-08 | 0.473746 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50050 | 31-Jul-08 | 0.63294 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50050 | 31-Aug-08 | 0.4682797 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50050 | 30-Sep-08 | 0.5163256 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50050 | 31-Oct-08 | 0.453607 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--|--------------|------|------|-------|-----------|-----------|
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50050 | 30-Nov-08 | 0.398944 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50060 | 31-Jan-08 | 0.1483573 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50060 | 29-Feb-08 | 0.119875 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50060 | 31-Mar-08 | 0.122752 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50060 | 30-Apr-08 | 0.114121 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50060 | 31-May-08 | 0.4799795 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50060 | 30-Jun-08 | 0.473746 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50060 | 31-Jul-08 | 0.63294 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50060 | 31-Aug-08 | 0.4682797 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50060 | 30-Sep-08 | 0.5163256 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50060 | 31-Oct-08 | 0.453607 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50060 | 30-Nov-08 | 0.398944 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00011 | 31-Jan-08 | 0.70859 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00011 | 29-Feb-08 | 0.55755 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00011 | 31-Mar-08 | 0.16107 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00011 | 30-Apr-08 | 0.11505 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00011 | 31-May-08 | 0.18585 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00011 | 30-Jun-08 | 0.27199 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00011 | 31-Jul-08 | 0.18585 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00011 | 31-Aug-08 | 0.17818 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00011 | 30-Sep-08 | 0.20355 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--|--------------|------|------|-------|-----------|-----------|
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00011 | 31-Oct-08 | 0.14396 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00011 | 30-Nov-08 | 0.0885 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00400 | 31-Jan-08 | 0.70859 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00400 | 29-Feb-08 | 0.55755 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00400 | 31-Mar-08 | 0.16107 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00400 | 30-Apr-08 | 0.11505 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00400 | 31-May-08 | 0.18585 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00400 | 30-Jun-08 | 0.27199 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00400 | 31-Jul-08 | 0.18585 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00400 | 31-Aug-08 | 0.17818 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00400 | 30-Sep-08 | 0.20355 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00400 | 31-Oct-08 | 0.14396 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00400 | 30-Nov-08 | 0.0885 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 01045 | 31-Mar-08 | 0.16107 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 01045 | 30-Jun-08 | 0.27199 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 01045 | 30-Sep-08 | 0.20355 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 01092 | 31-Mar-08 | 0.16107 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 01092 | 30-Jun-08 | 0.27199 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 01092 | 30-Sep-08 | 0.20355 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50050 | 31-Jan-08 | 0.70859 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50050 | 29-Feb-08 | 0.55755 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--|--------------|------|------|-------|-----------|-----------|
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50050 | 31-Mar-08 | 0.16107 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50050 | 30-Apr-08 | 0.11505 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50050 | 31-May-08 | 0.18585 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50050 | 30-Jun-08 | 0.27199 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50050 | 31-Jul-08 | 0.18585 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50050 | 31-Aug-08 | 0.17818 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50050 | 30-Sep-08 | 0.20355 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50050 | 31-Oct-08 | 0.14396 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50050 | 30-Nov-08 | 0.0885 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50060 | 31-Jan-08 | 0.70859 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50060 | 29-Feb-08 | 0.55755 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50060 | 31-Mar-08 | 0.16107 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50060 | 30-Apr-08 | 0.11505 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50060 | 31-May-08 | 0.18585 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50060 | 30-Jun-08 | 0.27199 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50060 | 31-Jul-08 | 0.18585 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50060 | 31-Aug-08 | 0.17818 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50060 | 30-Sep-08 | 0.20355 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50060 | 31-Oct-08 | 0.14396 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50060 | 30-Nov-08 | 0.0885 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00011 | 31-Jan-08 | 0.1548618 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--|--------------|------|------|-------|-----------|-----------|
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00011 | 29-Feb-08 | 0.201786 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00011 | 31-Mar-08 | 0.1162558 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00011 | 30-Apr-08 | 0.1193204 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00011 | 31-May-08 | 0.1201562 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00011 | 30-Jun-08 | 0.114823 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00011 | 31-Jul-08 | 0.102883 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00011 | 31-Aug-08 | 0.0779085 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00011 | 30-Sep-08 | 0.1157782 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00011 | 31-Oct-08 | 0.1072212 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00011 | 30-Nov-08 | 0.0938285 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00400 | 31-Jan-08 | 0.1548618 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00400 | 29-Feb-08 | 0.201786 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00400 | 31-Mar-08 | 0.1162558 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00400 | 30-Apr-08 | 0.1193204 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00400 | 31-May-08 | 0.1201562 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00400 | 30-Jun-08 | 0.114823 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00400 | 31-Jul-08 | 0.102883 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00400 | 31-Aug-08 | 0.0779085 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00400 | 30-Sep-08 | 0.1157782 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00400 | 31-Oct-08 | 0.1072212 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00400 | 30-Nov-08 | 0.0938285 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--|--------------|------|------|-------|-----------|-----------|
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00530 | 31-Mar-08 | 0.1162558 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00530 | 30-Jun-08 | 0.114823 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00530 | 30-Sep-08 | 0.1157782 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00951 | 31-Mar-08 | 0.1162558 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00951 | 30-Jun-08 | 0.114823 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00951 | 30-Sep-08 | 0.1157782 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 01045 | 31-Mar-08 | 0.1162558 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 01045 | 30-Jun-08 | 0.114823 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 01045 | 30-Sep-08 | 0.1157782 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 01092 | 31-Jan-08 | 0.1548618 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 01092 | 29-Feb-08 | 0.201786 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 01092 | 31-Mar-08 | 0.1162558 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 01092 | 30-Apr-08 | 0.1193204 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 01092 | 31-May-08 | 0.1201562 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 01092 | 30-Jun-08 | 0.114823 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 01092 | 31-Jul-08 | 0.102883 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 01092 | 31-Aug-08 | 0.0779085 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 01092 | 30-Sep-08 | 0.1157782 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 01092 | 31-Oct-08 | 0.1072212 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 01092 | 30-Nov-08 | 0.0938285 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50050 | 31-Jan-08 | 0.1548618 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--|--------------|------|------|-------|-----------|-----------|
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50050 | 29-Feb-08 | 0.201786 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50050 | 31-Mar-08 | 0.1162558 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50050 | 30-Apr-08 | 0.1193204 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50050 | 31-May-08 | 0.1201562 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50050 | 30-Jun-08 | 0.114823 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50050 | 31-Jul-08 | 0.102883 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50050 | 31-Aug-08 | 0.0779085 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50050 | 30-Sep-08 | 0.1157782 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50050 | 31-Oct-08 | 0.1072212 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50050 | 30-Nov-08 | 0.0938285 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50060 | 31-Jan-08 | 0.1548618 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50060 | 29-Feb-08 | 0.201786 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50060 | 31-Mar-08 | 0.1162558 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50060 | 30-Apr-08 | 0.1193204 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50060 | 31-May-08 | 0.1201562 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50060 | 30-Jun-08 | 0.114823 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50060 | 31-Jul-08 | 0.102883 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50060 | 31-Aug-08 | 0.0779085 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50060 | 30-Sep-08 | 0.1157782 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50060 | 31-Oct-08 | 0.1072212 |
| FQ1 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50060 | 30-Nov-08 | 0.0938285 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------------|-----------------|------|------|-------|-----------|-------------|
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00300 | 31-Jan-08 | 0.0745 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00300 | 29-Feb-08 | 0.785 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00300 | 31-Mar-08 | 0.081806 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00300 | 30-Apr-08 | 9.2677e-005 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00300 | 31-May-08 | 0.088045 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00300 | 30-Jun-08 | 0.071263 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00300 | 31-Jul-08 | 0.0963 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00300 | 31-Aug-08 | 0.02621 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00300 | 30-Sep-08 | 0.028456 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00300 | 31-Oct-08 | 0.039032 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00300 | 30-Nov-08 | 6.356e-005 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00300 | 31-Dec-08 | 0.0617 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00310 | 31-Jan-08 | 0.0745 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00310 | 29-Feb-08 | 0.785 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00310 | 31-Mar-08 | 0.081806 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00310 | 30-Apr-08 | 9.2677e-005 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00310 | 31-May-08 | 0.088045 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00310 | 30-Jun-08 | 0.071263 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00310 | 31-Jul-08 | 0.0963 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00310 | 31-Aug-08 | 0.02621 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00310 | 30-Sep-08 | 0.028456 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00310 | 31-Oct-08 | 0.039032 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00310 | 30-Nov-08 | 6.356e-005 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00310 | 31-Dec-08 | 0.0617 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00400 | 31-Jan-08 | 0.0745 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00400 | 29-Feb-08 | 0.785 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00400 | 31-Mar-08 | 0.081806 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00400 | 30-Apr-08 | 9.2677e-005 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00400 | 31-May-08 | 0.088045 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00400 | 30-Jun-08 | 0.071263 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00400 | 31-Jul-08 | 0.0963 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00400 | 31-Aug-08 | 0.02621 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00400 | 30-Sep-08 | 0.028456 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00400 | 31-Oct-08 | 0.039032 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00400 | 30-Nov-08 | 6.356e-005 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00400 | 31-Dec-08 | 0.0617 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00530 | 31-Jan-08 | 0.0745 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00530 | 29-Feb-08 | 0.785 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00530 | 31-Mar-08 | 0.081806 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00530 | 30-Apr-08 | 9.2677e-005 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00530 | 31-May-08 | 0.088045 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00530 | 30-Jun-08 | 0.071263 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------------|-----------------|------|------|-------|-----------|-------------|
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00530 | 31-Jul-08 | 0.0963 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00530 | 31-Aug-08 | 0.02621 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00530 | 30-Sep-08 | 0.028456 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00530 | 31-Oct-08 | 0.039032 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00530 | 30-Nov-08 | 6.356e-005 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00530 | 31-Dec-08 | 0.0617 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50050 | 31-Jan-08 | 0.0745 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50050 | 29-Feb-08 | 0.785 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50050 | 31-Mar-08 | 0.081806 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50050 | 30-Apr-08 | 9.2677e-005 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50050 | 31-May-08 | 0.088045 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50050 | 30-Jun-08 | 0.071263 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50050 | 31-Jul-08 | 0.0963 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50050 | 31-Aug-08 | 0.02621 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50050 | 30-Sep-08 | 0.028456 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50050 | 31-Oct-08 | 0.039032 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50050 | 30-Nov-08 | 6.356e-005 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50050 | 31-Dec-08 | 0.0617 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50060 | 31-Jan-08 | 0.0745 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50060 | 29-Feb-08 | 0.785 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50060 | 31-Mar-08 | 0.081806 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50060 | 30-Apr-08 | 9.2677e-005 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50060 | 31-May-08 | 0.088045 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50060 | 30-Jun-08 | 0.071263 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50060 | 31-Jul-08 | 0.0963 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50060 | 31-Aug-08 | 0.02621 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50060 | 30-Sep-08 | 0.028456 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50060 | 31-Oct-08 | 0.039032 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50060 | 30-Nov-08 | 6.356e-005 |
| FQ1 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50060 | 31-Dec-08 | 0.0617 |
| FQ1 | TX0081299 | Holiday Motel WWTF | Cleveland, TX | 001 | 1 | 00300 | 29-Feb-08 | 0.000432 |
| FQ1 | TX0081299 | Holiday Motel WWTF | Cleveland, TX | 001 | 1 | 00300 | 30-Jun-08 | 0.000432 |
| FQ1 | TX0081299 | Holiday Motel WWTF | Cleveland, TX | 001 | 1 | 00300 | 31-Oct-08 | 0.000111 |
| FQ1 | TX0081299 | Holiday Motel WWTF | Cleveland, TX | 001 | 1 | 00400 | 29-Feb-08 | 0.000432 |
| FQ1 | TX0081299 | Holiday Motel WWTF | Cleveland, TX | 001 | 1 | 00400 | 30-Jun-08 | 0.000432 |
| FQ1 | TX0081299 | Holiday Motel WWTF | Cleveland, TX | 001 | 1 | 00400 | 31-Oct-08 | 0.000111 |
| FQ1 | TX0081299 | Holiday Motel WWTF | Cleveland, TX | 001 | 1 | 00530 | 29-Feb-08 | 0.000432 |
| FQ1 | TX0081299 | Holiday Motel WWTF | Cleveland, TX | 001 | 1 | 00530 | 30-Jun-08 | 0.000432 |
| FQ1 | TX0081299 | Holiday Motel WWTF | Cleveland, TX | 001 | 1 | 00530 | 31-Oct-08 | 0.000111 |
| FQ1 | TX0081299 | Holiday Motel WWTF | Cleveland, TX | 001 | 1 | 00610 | 29-Feb-08 | 0.000432 |
| FQ1 | TX0081299 | Holiday Motel WWTF | Cleveland, TX | 001 | 1 | 00610 | 30-Jun-08 | 0.000432 |
| FQ1 | TX0081299 | Holiday Motel WWTF | Cleveland, TX | 001 | 1 | 00610 | 31-Oct-08 | 0.000111 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------|-------------------|------|------|-------|-----------|-----------|
| FQ1 | TX0081299 | Holiday Motel WWTF | Cleveland, TX | 001 | 1 | 50050 | 29-Feb-08 | 0.000432 |
| FQ1 | TX0081299 | Holiday Motel WWTF | Cleveland, TX | 001 | 1 | 50050 | 30-Jun-08 | 0.000432 |
| FQ1 | TX0081299 | Holiday Motel WWTF | Cleveland, TX | 001 | 1 | 50050 | 31-Oct-08 | 0.000111 |
| FQ1 | TX0081299 | Holiday Motel WWTF | Cleveland, TX | 001 | 1 | 50060 | 29-Feb-08 | 0.000432 |
| FQ1 | TX0081299 | Holiday Motel WWTF | Cleveland, TX | 001 | 1 | 50060 | 30-Jun-08 | 0.000432 |
| FQ1 | TX0081299 | Holiday Motel WWTF | Cleveland, TX | 001 | 1 | 50060 | 31-Oct-08 | 0.000111 |
| FQ1 | TX0081299 | Holiday Motel WWTF | Cleveland, TX | 001 | 1 | 80082 | 29-Feb-08 | 0.000432 |
| FQ1 | TX0081299 | Holiday Motel WWTF | Cleveland, TX | 001 | 1 | 80082 | 30-Jun-08 | 0.000432 |
| FQ1 | TX0081299 | Holiday Motel WWTF | Cleveland, TX | 001 | 1 | 80082 | 31-Oct-08 | 0.000111 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00058 | 31-Jan-08 | 1.75e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00058 | 31-Mar-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00058 | 30-Apr-08 | 6.7e-006 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00058 | 31-May-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00058 | 30-Jun-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00058 | 31-Jul-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00058 | 31-Dec-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00400 | 31-Jan-08 | 1.75e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00400 | 31-Mar-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00400 | 30-Apr-08 | 6.7e-006 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00400 | 31-May-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00400 | 30-Jun-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00400 | 31-Jul-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00400 | 31-Dec-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00530 | 31-Jan-08 | 1.75e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00530 | 31-Mar-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00530 | 30-Apr-08 | 6.7e-006 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00530 | 31-May-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00530 | 30-Jun-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00530 | 31-Jul-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00530 | 31-Dec-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00545 | 31-Jan-08 | 1.75e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00545 | 31-Mar-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00545 | 30-Apr-08 | 6.7e-006 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00545 | 31-May-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00545 | 30-Jun-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00545 | 31-Jul-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00545 | 31-Dec-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01045 | 31-Jan-08 | 1.75e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01045 | 31-Mar-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01045 | 30-Apr-08 | 6.7e-006 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01045 | 31-May-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01045 | 30-Jun-08 | 1e-005 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------|-------------------|------|------|-------|-----------|-----------|
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01045 | 31-Jul-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01045 | 31-Dec-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01055 | 31-Jan-08 | 1.75e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01055 | 31-Mar-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01055 | 30-Apr-08 | 6.7e-006 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01055 | 31-May-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01055 | 30-Jun-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01055 | 31-Jul-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01055 | 31-Dec-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01105 | 31-Jan-08 | 1.75e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01105 | 31-Mar-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01105 | 30-Apr-08 | 6.7e-006 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01105 | 31-May-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01105 | 30-Jun-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01105 | 31-Jul-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01105 | 31-Dec-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01106 | 31-Jan-08 | 1.75e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01106 | 31-Mar-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01106 | 30-Apr-08 | 6.7e-006 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01106 | 31-May-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01106 | 30-Jun-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01106 | 31-Jul-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01106 | 31-Dec-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00058 | 31-Jan-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00058 | 31-Mar-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00058 | 30-Apr-08 | 0.0025 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00058 | 31-May-08 | 0.0037 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00058 | 30-Jun-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00058 | 31-Jul-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00058 | 31-Aug-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00058 | 30-Sep-08 | 0.0008 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00058 | 30-Nov-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00058 | 31-Dec-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00400 | 31-Jan-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00400 | 31-Mar-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00400 | 30-Apr-08 | 0.0025 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00400 | 31-May-08 | 0.0037 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00400 | 30-Jun-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00400 | 31-Jul-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00400 | 31-Aug-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00400 | 30-Sep-08 | 0.0008 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00400 | 30-Nov-08 | 0.0015 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------|-------------------|------|------|-------|-----------|-----------|
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00400 | 31-Dec-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00530 | 31-Jan-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00530 | 31-Mar-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00530 | 30-Apr-08 | 0.0025 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00530 | 31-May-08 | 0.0037 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00530 | 30-Jun-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00530 | 31-Jul-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00530 | 31-Aug-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00530 | 30-Sep-08 | 0.0008 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00530 | 30-Nov-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00530 | 31-Dec-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00545 | 31-Jan-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00545 | 31-Mar-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00545 | 30-Apr-08 | 0.0025 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00545 | 31-May-08 | 0.0037 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00545 | 30-Jun-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00545 | 31-Jul-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00545 | 31-Aug-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00545 | 30-Sep-08 | 0.0008 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00545 | 30-Nov-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00545 | 31-Dec-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00981 | 31-Jan-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00981 | 31-Mar-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00981 | 30-Apr-08 | 0.0025 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00981 | 31-May-08 | 0.0037 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00981 | 30-Jun-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00981 | 31-Jul-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00981 | 31-Aug-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00981 | 30-Sep-08 | 0.0008 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00981 | 30-Nov-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00981 | 31-Dec-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01045 | 31-Jan-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01045 | 31-Mar-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01045 | 30-Apr-08 | 0.0025 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01045 | 31-May-08 | 0.0037 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01045 | 30-Jun-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01045 | 31-Jul-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01045 | 31-Aug-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01045 | 30-Sep-08 | 0.0008 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01045 | 30-Nov-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01045 | 31-Dec-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01055 | 31-Jan-08 | 0.0015 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------|-------------------|------|------|-------|-----------|-----------|
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01055 | 31-Mar-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01055 | 30-Apr-08 | 0.0025 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01055 | 31-May-08 | 0.0037 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01055 | 30-Jun-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01055 | 31-Jul-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01055 | 31-Aug-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01055 | 30-Sep-08 | 0.0008 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01055 | 30-Nov-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01055 | 31-Dec-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01105 | 31-Jan-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01105 | 31-Mar-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01105 | 30-Apr-08 | 0.0025 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01105 | 31-May-08 | 0.0037 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01105 | 30-Jun-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01105 | 31-Jul-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01105 | 31-Aug-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01105 | 30-Sep-08 | 0.0008 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01105 | 30-Nov-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01105 | 31-Dec-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01106 | 31-Jan-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01106 | 31-Mar-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01106 | 30-Apr-08 | 0.0025 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01106 | 31-May-08 | 0.0037 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01106 | 30-Jun-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01106 | 31-Jul-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01106 | 31-Aug-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01106 | 30-Sep-08 | 0.0008 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01106 | 30-Nov-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01106 | 31-Dec-08 | 0.0015 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00058 | 31-Jan-08 | 0.0001275 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00058 | 31-Mar-08 | 0.000105 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00058 | 30-Apr-08 | 0.00012 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00058 | 31-May-08 | 0.0001175 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00058 | 30-Jun-08 | 9.25e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00058 | 31-Jul-08 | 3e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00058 | 31-Aug-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00058 | 31-Dec-08 | 7.5e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00400 | 31-Jan-08 | 0.0001275 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00400 | 31-Mar-08 | 0.000105 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00400 | 30-Apr-08 | 0.00012 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00400 | 31-May-08 | 0.0001175 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00400 | 30-Jun-08 | 9.25e-005 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------|-------------------|------|------|-------|-----------|-----------|
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00400 | 31-Jul-08 | 3e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00400 | 31-Aug-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00400 | 31-Dec-08 | 7.5e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00530 | 31-Jan-08 | 0.0001275 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00530 | 31-Mar-08 | 0.000105 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00530 | 30-Apr-08 | 0.00012 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00530 | 31-May-08 | 0.0001175 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00530 | 30-Jun-08 | 9.25e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00530 | 31-Jul-08 | 3e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00530 | 31-Aug-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00530 | 31-Dec-08 | 7.5e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00545 | 31-Jan-08 | 0.0001275 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00545 | 31-Mar-08 | 0.000105 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00545 | 30-Apr-08 | 0.00012 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00545 | 31-May-08 | 0.0001175 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00545 | 30-Jun-08 | 9.25e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00545 | 31-Jul-08 | 3e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00545 | 31-Aug-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00545 | 31-Dec-08 | 7.5e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00900 | 31-Jan-08 | 0.0001275 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00900 | 31-Mar-08 | 0.000105 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00900 | 30-Apr-08 | 0.00012 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00900 | 31-May-08 | 0.0001175 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00900 | 30-Jun-08 | 9.25e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00900 | 31-Jul-08 | 3e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00900 | 31-Aug-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00900 | 31-Dec-08 | 7.5e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00978 | 31-Jan-08 | 0.0001275 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00978 | 31-Jan-08 | 0.0001275 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00978 | 31-Mar-08 | 0.000105 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00978 | 31-Mar-08 | 0.000105 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00978 | 31-May-08 | 0.0001175 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00978 | 30-Jun-08 | 9.25e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00978 | 31-Aug-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00978 | 31-Aug-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00978 | 31-Dec-08 | 7.5e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00982 | 31-Jan-08 | 0.0001275 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00982 | 31-Mar-08 | 0.000105 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00982 | 31-May-08 | 0.0001175 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00982 | 30-Jun-08 | 9.25e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00982 | 31-Aug-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00982 | 31-Dec-08 | 7.5e-005 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------|-------------------|------|------|-------|-----------|-----------|
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01022 | 31-Jan-08 | 0.0001275 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01022 | 31-Mar-08 | 0.000105 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01022 | 31-May-08 | 0.0001175 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01022 | 30-Jun-08 | 9.25e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01022 | 31-Aug-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01022 | 31-Dec-08 | 7.5e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01027 | 31-Jan-08 | 0.0001275 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01027 | 31-Mar-08 | 0.000105 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01027 | 31-May-08 | 0.0001175 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01027 | 30-Jun-08 | 9.25e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01027 | 31-Aug-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01027 | 31-Dec-08 | 7.5e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01042 | 31-Jan-08 | 0.0001275 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01042 | 31-Mar-08 | 0.000105 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01042 | 31-May-08 | 0.0001175 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01042 | 30-Jun-08 | 9.25e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01042 | 31-Aug-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01042 | 31-Dec-08 | 7.5e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01045 | 31-Jan-08 | 0.0001275 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01045 | 31-Mar-08 | 0.000105 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01045 | 30-Apr-08 | 0.00012 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01045 | 31-May-08 | 0.0001175 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01045 | 30-Jun-08 | 9.25e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01045 | 31-Jul-08 | 3e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01045 | 31-Aug-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01045 | 31-Dec-08 | 7.5e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01049 | 31-Jan-08 | 0.0001275 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01049 | 31-Mar-08 | 0.000105 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01049 | 31-May-08 | 0.0001175 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01049 | 30-Jun-08 | 9.25e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01049 | 31-Aug-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01049 | 31-Dec-08 | 7.5e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01055 | 31-Jan-08 | 0.0001275 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01055 | 31-Mar-08 | 0.000105 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01055 | 30-Apr-08 | 0.00012 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01055 | 31-May-08 | 0.0001175 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01055 | 30-Jun-08 | 9.25e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01055 | 31-Jul-08 | 3e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01055 | 31-Aug-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01055 | 31-Dec-08 | 7.5e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01067 | 31-Jan-08 | 0.0001275 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01067 | 31-Mar-08 | 0.000105 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|-------------------|------|------|-------|-----------|-----------|
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01067 | 31-May-08 | 0.0001175 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01067 | 30-Jun-08 | 9.25e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01067 | 31-Aug-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01067 | 31-Dec-08 | 7.5e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01077 | 31-Jan-08 | 0.0001275 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01077 | 31-Mar-08 | 0.000105 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01077 | 31-May-08 | 0.0001175 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01077 | 30-Jun-08 | 9.25e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01077 | 31-Aug-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01077 | 31-Dec-08 | 7.5e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01092 | 31-Jan-08 | 0.0001275 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01092 | 31-Mar-08 | 0.000105 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01092 | 31-May-08 | 0.0001175 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01092 | 30-Jun-08 | 9.25e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01092 | 31-Aug-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01092 | 31-Dec-08 | 7.5e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01097 | 31-Jan-08 | 0.0001275 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01097 | 31-Mar-08 | 0.000105 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01097 | 31-May-08 | 0.0001175 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01097 | 30-Jun-08 | 9.25e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01097 | 31-Aug-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01097 | 31-Dec-08 | 7.5e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01105 | 31-Jan-08 | 0.0001275 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01105 | 31-Mar-08 | 0.000105 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01105 | 30-Apr-08 | 0.00012 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01105 | 31-May-08 | 0.0001175 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01105 | 30-Jun-08 | 9.25e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01105 | 31-Jul-08 | 3e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01105 | 31-Aug-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01105 | 31-Dec-08 | 7.5e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01106 | 31-Jan-08 | 0.0001275 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01106 | 31-Mar-08 | 0.000105 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01106 | 30-Apr-08 | 0.00012 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01106 | 31-May-08 | 0.0001175 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01106 | 30-Jun-08 | 9.25e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01106 | 31-Jul-08 | 3e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01106 | 31-Aug-08 | 1e-005 |
| FQ1 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01106 | 31-Dec-08 | 7.5e-005 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 00011 | 31-Jul-08 | 0.219 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 00011 | 31-Aug-08 | 0.231 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 00011 | 30-Sep-08 | 0.214 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 00011 | 31-Oct-08 | 0.229 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|----------------|------|------|-------|-----------|-----------|
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 00011 | 30-Nov-08 | 0.228 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 00400 | 31-Jul-08 | 0.219 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 00400 | 31-Aug-08 | 0.231 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 00400 | 30-Sep-08 | 0.214 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 00400 | 31-Oct-08 | 0.229 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 00400 | 30-Nov-08 | 0.228 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01074 | 31-Jul-08 | 0.219 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01074 | 31-Aug-08 | 0.231 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01074 | 30-Sep-08 | 0.214 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01074 | 31-Oct-08 | 0.229 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01074 | 30-Nov-08 | 0.228 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01094 | 31-Jul-08 | 0.219 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01094 | 31-Aug-08 | 0.231 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01094 | 30-Sep-08 | 0.214 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01094 | 31-Oct-08 | 0.229 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01094 | 30-Nov-08 | 0.228 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01114 | 31-Jul-08 | 0.219 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01114 | 31-Aug-08 | 0.231 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01114 | 30-Sep-08 | 0.214 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01114 | 31-Oct-08 | 0.229 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01114 | 30-Nov-08 | 0.228 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01118 | 31-Jul-08 | 0.219 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01118 | 31-Aug-08 | 0.231 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01118 | 30-Sep-08 | 0.214 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01118 | 31-Oct-08 | 0.229 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01118 | 30-Nov-08 | 0.228 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01119 | 31-Jul-08 | 0.219 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01119 | 31-Aug-08 | 0.231 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01119 | 30-Sep-08 | 0.214 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01119 | 31-Oct-08 | 0.229 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01119 | 30-Nov-08 | 0.228 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 50050 | 31-Jul-08 | 0.219 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 50050 | 31-Aug-08 | 0.231 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 50050 | 30-Sep-08 | 0.214 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 50050 | 31-Oct-08 | 0.229 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 50050 | 30-Nov-08 | 0.228 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 78732 | 31-Jul-08 | 0.219 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 78732 | 31-Aug-08 | 0.231 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 78732 | 30-Sep-08 | 0.214 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 78732 | 31-Oct-08 | 0.229 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 78732 | 30-Nov-08 | 0.228 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 81017 | 31-Jul-08 | 0.219 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|----------------|------|------|-------|-----------|-----------|
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 81017 | 31-Aug-08 | 0.231 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 81017 | 30-Sep-08 | 0.214 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 81017 | 31-Oct-08 | 0.229 |
| FQ2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 81017 | 30-Nov-08 | 0.228 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00400 | 31-Jan-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00400 | 31-Mar-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00400 | 30-Apr-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00400 | 31-May-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00400 | 30-Jun-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00400 | 31-Jul-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00400 | 31-Aug-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00400 | 30-Sep-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00400 | 31-Oct-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00400 | 30-Nov-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00400 | 31-Dec-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00530 | 31-Jan-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00530 | 31-Mar-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00530 | 30-Apr-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00530 | 31-May-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00530 | 30-Jun-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00530 | 31-Jul-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00530 | 31-Aug-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00530 | 30-Sep-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00530 | 31-Oct-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00530 | 30-Nov-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 00530 | 31-Dec-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50050 | 31-Jan-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50050 | 31-Mar-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50050 | 30-Apr-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50050 | 31-May-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50050 | 30-Jun-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50050 | 31-Jul-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50050 | 31-Aug-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50050 | 30-Sep-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50050 | 31-Oct-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50050 | 30-Nov-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50050 | 31-Dec-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50060 | 31-Jan-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50060 | 31-Mar-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50060 | 30-Apr-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50060 | 31-May-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50060 | 30-Jun-08 | 1.389 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--------------------------|--------------|------|------|-------|-----------|--------------|
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50060 | 31-Jul-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50060 | 31-Aug-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50060 | 30-Sep-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50060 | 31-Oct-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50060 | 30-Nov-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 50060 | 31-Dec-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 85824 | 31-Jan-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 85824 | 31-Mar-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 85824 | 30-Apr-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 85824 | 31-May-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 85824 | 30-Jun-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 85824 | 31-Jul-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 85824 | 31-Aug-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 85824 | 30-Sep-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 85824 | 31-Oct-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 85824 | 30-Nov-08 | 1.389 |
| FQ2 | AL0073768 | Hamilton Water Treatment | Hamilton, AL | 001 | 1 | 85824 | 31-Dec-08 | 1.389 |
| FQ2 | CO0032158 | Kodak Colorado Division | Windsor, CO | 006 | 1 | 00720 | 29-Feb-08 | 0.0000389 |
| FQ2 | CO0032158 | Kodak Colorado Division | Windsor, CO | 006 | 1 | 01079 | 29-Feb-08 | 0.0000389 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00530 | 31-Jan-08 | 1.1371915944 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00530 | 29-Feb-08 | 1.1147860008 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00530 | 31-Mar-08 | 1.1091846024 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00530 | 30-Apr-08 | 1.1347140528 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00530 | 31-May-08 | 1.1232958176 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00530 | 30-Jun-08 | 1.1079996912 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00530 | 31-Jul-08 | 1.107353376 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00530 | 31-Aug-08 | 1.0993821552 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00530 | 30-Sep-08 | 1.1274968664 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00530 | 31-Oct-08 | 1.0887179544 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00530 | 30-Nov-08 | 1.0665277992 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00530 | 31-Dec-08 | 1.063188504 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00665 | 31-Jan-08 | 1.1371915944 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00665 | 29-Feb-08 | 1.1147860008 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00665 | 31-Mar-08 | 1.1091846024 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00665 | 30-Apr-08 | 1.1347140528 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00665 | 31-May-08 | 1.1232958176 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00665 | 30-Jun-08 | 1.1079996912 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00665 | 31-Jul-08 | 1.107353376 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00665 | 31-Aug-08 | 1.0993821552 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00665 | 30-Sep-08 | 1.1274968664 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00665 | 31-Oct-08 | 1.0887179544 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00665 | 30-Nov-08 | 1.0665277992 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------|--------------|------|------|-------|-----------|---------------|
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00665 | 31-Dec-08 | 1.063188504 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00900 | 31-Jan-08 | 1.1371915944 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00900 | 29-Feb-08 | 1.1147860008 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00900 | 31-Mar-08 | 1.1091846024 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00900 | 30-Apr-08 | 1.1347140528 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00900 | 31-May-08 | 1.1232958176 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00900 | 30-Jun-08 | 1.1079996912 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00900 | 31-Jul-08 | 1.107353376 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00900 | 31-Aug-08 | 1.0993821552 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00900 | 30-Sep-08 | 1.1274968664 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00900 | 31-Oct-08 | 1.0887179544 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00900 | 30-Nov-08 | 1.0665277992 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 00900 | 31-Dec-08 | 1.063188504 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 01119 | 31-Jan-08 | 1.1371915944 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 01119 | 29-Feb-08 | 1.1147860008 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 01119 | 31-Mar-08 | 1.1091846024 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 01119 | 30-Apr-08 | 1.1347140528 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 01119 | 31-May-08 | 1.1232958176 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 01119 | 30-Jun-08 | 1.1079996912 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 01119 | 31-Jul-08 | 1.107353376 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 01119 | 31-Aug-08 | 1.0993821552 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 01119 | 30-Sep-08 | 1.1274968664 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 01119 | 31-Oct-08 | 1.0887179544 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 01119 | 30-Nov-08 | 1.0665277992 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 01119 | 31-Dec-08 | 1.063188504 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 50050 | 31-Jan-08 | 1.1371915944 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 50050 | 29-Feb-08 | 1.1147860008 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 50050 | 31-Mar-08 | 1.1091846024 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 50050 | 30-Apr-08 | 1.1347140528 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 50050 | 31-May-08 | 1.1232958176 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 50050 | 30-Jun-08 | 1.1079996912 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 50050 | 31-Jul-08 | 1.107353376 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 50050 | 31-Aug-08 | 1.0993821552 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 50050 | 30-Sep-08 | 1.1274968664 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 50050 | 31-Oct-08 | 1.0887179544 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 50050 | 30-Nov-08 | 1.0665277992 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | 001 | 1 | 50050 | 31-Dec-08 | 1.063188504 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00010 | 31-Jan-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00010 | 29-Feb-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00010 | 31-Mar-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00010 | 30-Apr-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00010 | 31-May-08 | 0.00046319256 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------|--------------|------|------|-------|-----------|---------------|
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00010 | 30-Jun-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00010 | 31-Jul-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00010 | 31-Aug-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00010 | 30-Sep-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00010 | 31-Oct-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00010 | 30-Nov-08 | 0.00031238568 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00010 | 31-Dec-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00400 | 31-Jan-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00400 | 29-Feb-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00400 | 31-Mar-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00400 | 30-Apr-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00400 | 31-May-08 | 0.00046319256 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00400 | 30-Jun-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00400 | 31-Jul-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00400 | 31-Aug-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00400 | 30-Sep-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00400 | 31-Oct-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00400 | 30-Nov-08 | 0.00031238568 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00400 | 31-Dec-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00530 | 31-Jan-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00530 | 29-Feb-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00530 | 31-Mar-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00530 | 30-Apr-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00530 | 31-May-08 | 0.00046319256 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00530 | 30-Jun-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00530 | 31-Jul-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00530 | 31-Aug-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00530 | 30-Sep-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00530 | 31-Oct-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00530 | 30-Nov-08 | 0.00031238568 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00530 | 31-Dec-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00610 | 31-Jan-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00610 | 29-Feb-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00610 | 31-Mar-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00610 | 30-Apr-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00610 | 31-May-08 | 0.00046319256 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00610 | 30-Jun-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00610 | 31-Jul-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00610 | 31-Aug-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00610 | 30-Sep-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00610 | 31-Oct-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00610 | 30-Nov-08 | 0.00031238568 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--------------------------------|--------------------|------|------|-------|-----------|---------------|
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00610 | 31-Dec-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00665 | 31-Jan-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00665 | 29-Feb-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00665 | 31-Mar-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00665 | 30-Apr-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00665 | 31-May-08 | 0.00046319256 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00665 | 30-Jun-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00665 | 31-Jul-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00665 | 31-Aug-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00665 | 30-Sep-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00665 | 31-Oct-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00665 | 30-Nov-08 | 0.00031238568 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 00665 | 31-Dec-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 50050 | 31-Jan-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 50050 | 29-Feb-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 50050 | 31-Mar-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 50050 | 30-Apr-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 50050 | 31-May-08 | 0.00046319256 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 50050 | 30-Jun-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 50050 | 31-Jul-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 50050 | 31-Aug-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 50050 | 30-Sep-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 50050 | 31-Oct-08 | 0.000538596 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 50050 | 30-Nov-08 | 0.00031238568 |
| FQ2 | IDG130009 | SEAPAC of Idaho Inc | Hagerman, ID | OSB | 1 | 50050 | 31-Dec-08 | 0.000538596 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 00530 | 31-Mar-08 | 0.0144 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 00530 | 30-Jun-08 | 0.1008 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 00530 | 30-Sep-08 | 0.0072 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 00530 | 31-Dec-08 | 0.0288 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 03582 | 31-Mar-08 | 0.0144 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 03582 | 30-Jun-08 | 0.1008 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 34010 | 31-Mar-08 | 0.0144 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 34010 | 30-Jun-08 | 0.1008 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 34010 | 30-Sep-08 | 0.0072 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 34010 | 31-Dec-08 | 0.0288 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 34030 | 31-Mar-08 | 0.0144 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 34030 | 30-Jun-08 | 0.1008 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 34030 | 30-Sep-08 | 0.0072 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 34030 | 31-Dec-08 | 0.0288 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 34696 | 31-Mar-08 | 0.0144 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 34696 | 30-Jun-08 | 0.1008 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 34696 | 30-Sep-08 | 0.0072 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--------------------------------|--------------------|------|------|-------|-----------|-----------|
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 34696 | 31-Dec-08 | 0.0288 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 37371 | 31-Mar-08 | 0.0144 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 37371 | 30-Jun-08 | 0.1008 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 37371 | 30-Sep-08 | 0.0072 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 37371 | 31-Dec-08 | 0.0288 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 50050 | 30-Jun-08 | 0.1008 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 50050 | 30-Sep-08 | 0.0072 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 50050 | 31-Dec-08 | 0.0288 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 81551 | 31-Mar-08 | 0.0144 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 81551 | 30-Jun-08 | 0.1008 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 81551 | 30-Sep-08 | 0.0072 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 81551 | 31-Dec-08 | 0.0288 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 82214 | 31-Mar-08 | 0.0144 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 82214 | 30-Jun-08 | 0.1008 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 82214 | 30-Sep-08 | 0.0072 |
| FQ2 | KY0039357 | Bulk Plant Inc FLEMINGSBRG #39 | Fleming County, KY | 001 | 1 | 82214 | 31-Dec-08 | 0.0288 |
| FQ2 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 00095 | 31-Jan-08 | 0.00137 |
| FQ2 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 00400 | 31-Jan-08 | 0.00137 |
| FQ2 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 00530 | 31-Jan-08 | 0.00137 |
| FQ2 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 00680 | 31-Jan-08 | 0.00137 |
| FQ2 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 00900 | 31-Jan-08 | 0.00137 |
| FQ2 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 00929 | 31-Jan-08 | 0.00137 |
| FQ2 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 00940 | 31-Jan-08 | 0.00137 |
| FQ2 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 00978 | 31-Jan-08 | 0.00137 |
| FQ2 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 00980 | 31-Jan-08 | 0.00137 |
| FQ2 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 00981 | 31-Jan-08 | 0.00137 |
| FQ2 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 00982 | 31-Jan-08 | 0.00137 |
| FQ2 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 00998 | 31-Jan-08 | 0.00137 |
| FQ2 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 01074 | 31-Jan-08 | 0.00137 |
| FQ2 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 01079 | 31-Jan-08 | 0.00137 |
| FQ2 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 01094 | 31-Jan-08 | 0.00137 |
| FQ2 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 01113 | 31-Jan-08 | 0.00137 |
| FQ2 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 01114 | 31-Jan-08 | 0.00137 |
| FQ2 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 01119 | 31-Jan-08 | 0.00137 |
| FQ2 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 50050 | 31-Jan-08 | 0.00137 |
| FQ2 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 71901 | 31-Jan-08 | 0.00137 |
| FQ2 | KY0091651 | Bullitt Co Landfill | Bullitt County, KY | 001 | 1 | 81020 | 31-Jan-08 | 0.00137 |
| FQ2 | KY0095036 | Reed Duplex Apt Bldg | Madison County, KY | 001 | 1 | 00300 | 30-Sep-08 | 0.000312 |
| FQ2 | KY0095036 | Reed Duplex Apt Bldg | Madison County, KY | 001 | 1 | 00400 | 30-Sep-08 | 0.000312 |
| FQ2 | KY0095036 | Reed Duplex Apt Bldg | Madison County, KY | 001 | 1 | 00530 | 30-Sep-08 | 0.000312 |
| FQ2 | KY0095036 | Reed Duplex Apt Bldg | Madison County, KY | 001 | 1 | 00610 | 30-Sep-08 | 0.000312 |
| FQ2 | KY0095036 | Reed Duplex Apt Bldg | Madison County, KY | 001 | 1 | 50050 | 30-Sep-08 | 0.000312 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-----------------------------|--------------------|------|------|-------|-----------|------------|
| FQ2 | KY0095036 | Reed Duplex Apt Bldg | Madison County, KY | 001 | 1 | 50060 | 30-Sep-08 | 0.000312 |
| FQ2 | KY0095036 | Reed Duplex Apt Bldg | Madison County, KY | 001 | 1 | 51040 | 30-Sep-08 | 0.000312 |
| FQ2 | KY0095036 | Reed Duplex Apt Bldg | Madison County, KY | 001 | 1 | 80082 | 30-Sep-08 | 0.000312 |
| FQ2 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 00400 | 31-May-08 | 0.001468 |
| FQ2 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 00400 | 30-Jun-08 | 0.001468 |
| FQ2 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 00400 | 31-Jul-08 | 0.000848 |
| FQ2 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 00400 | 31-Aug-08 | 0.000852 |
| FQ2 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 00400 | 30-Sep-08 | 0.000852 |
| FQ2 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 00530 | 31-May-08 | 0.001468 |
| FQ2 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 00530 | 30-Jun-08 | 0.001468 |
| FQ2 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 00530 | 31-Jul-08 | 0.000848 |
| FQ2 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 00530 | 31-Aug-08 | 0.000852 |
| FQ2 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 00530 | 30-Sep-08 | 0.000852 |
| FQ2 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 50050 | 31-May-08 | 0.001468 |
| FQ2 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 50050 | 30-Jun-08 | 0.001468 |
| FQ2 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 50050 | 31-Jul-08 | 0.000848 |
| FQ2 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 50050 | 31-Aug-08 | 0.000852 |
| FQ2 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 50050 | 30-Sep-08 | 0.000852 |
| FQ2 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 50060 | 31-May-08 | 0.001468 |
| FQ2 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 50060 | 30-Jun-08 | 0.001468 |
| FQ2 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 50060 | 31-Jul-08 | 0.000848 |
| FQ2 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 50060 | 31-Aug-08 | 0.000852 |
| FQ2 | KY0101931 | John W Black Aquatic Center | Oldham County, KY | 001 | 1 | 50060 | 30-Sep-08 | 0.000852 |
| FQ2 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 00056 | 30-Jun-08 | 0.0012 |
| FQ2 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 00056 | 31-Jul-08 | 0.002142 |
| FQ2 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 00056 | 31-Aug-08 | 0.00011571 |
| FQ2 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 00056 | 30-Sep-08 | 0.003852 |
| FQ2 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 00310 | 30-Jun-08 | 0.0012 |
| FQ2 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 00310 | 31-Jul-08 | 0.002142 |
| FQ2 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 00310 | 31-Aug-08 | 0.00011571 |
| FQ2 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 00310 | 30-Sep-08 | 0.003852 |
| FQ2 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 00530 | 30-Jun-08 | 0.0012 |
| FQ2 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 00530 | 31-Jul-08 | 0.002142 |
| FQ2 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 00530 | 31-Aug-08 | 0.00011571 |
| FQ2 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 00530 | 30-Sep-08 | 0.003852 |
| FQ2 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 00545 | 30-Jun-08 | 0.0012 |
| FQ2 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 00545 | 31-Jul-08 | 0.002142 |
| FQ2 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 00545 | 31-Aug-08 | 0.00011571 |
| FQ2 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 00545 | 30-Sep-08 | 0.003852 |
| FQ2 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 31616 | 30-Jun-08 | 0.0012 |
| FQ2 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 31616 | 31-Jul-08 | 0.002142 |
| FQ2 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 31616 | 31-Aug-08 | 0.00011571 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------------|---------------|------|------|-------|-----------|------------|
| FQ2 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 31616 | 30-Sep-08 | 0.003852 |
| FQ2 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 50060 | 30-Jun-08 | 0.0012 |
| FQ2 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 50060 | 31-Jul-08 | 0.002142 |
| FQ2 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 50060 | 31-Aug-08 | 0.00011571 |
| FQ2 | ME0021229 | Newagen Seaside Inn | Southport, ME | 001 | 1 | 50060 | 30-Sep-08 | 0.003852 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00011 | 31-Mar-08 | 1.292 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00011 | 30-Jun-08 | 0.646 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00011 | 30-Sep-08 | 0.969 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00154 | 31-Mar-08 | 1.292 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00154 | 30-Jun-08 | 0.646 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00154 | 30-Sep-08 | 0.969 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00400 | 31-Mar-08 | 1.292 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00400 | 30-Jun-08 | 0.646 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00400 | 30-Sep-08 | 0.969 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00530 | 31-Mar-08 | 1.292 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00530 | 30-Jun-08 | 0.646 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00530 | 30-Sep-08 | 0.969 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00545 | 31-Mar-08 | 1.292 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00545 | 30-Jun-08 | 0.646 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00545 | 30-Sep-08 | 0.969 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00550 | 31-Mar-08 | 1.292 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00550 | 30-Jun-08 | 0.646 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00550 | 30-Sep-08 | 0.969 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00940 | 31-Mar-08 | 1.292 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00940 | 30-Jun-08 | 0.646 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 00940 | 30-Sep-08 | 0.969 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 01030 | 31-Mar-08 | 1.292 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 01030 | 30-Jun-08 | 0.646 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 01030 | 30-Sep-08 | 0.969 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 01106 | 31-Mar-08 | 1.292 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 01106 | 30-Jun-08 | 0.646 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 01106 | 30-Sep-08 | 0.969 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 50050 | 31-Mar-08 | 1.292 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 50050 | 30-Jun-08 | 0.646 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 001 | 1 | 50050 | 30-Sep-08 | 0.969 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00011 | 31-Mar-08 | 1.938 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00011 | 30-Jun-08 | 0.323 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00011 | 30-Sep-08 | 0.646 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00154 | 31-Mar-08 | 1.938 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00154 | 30-Jun-08 | 0.323 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00154 | 30-Sep-08 | 0.646 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00400 | 31-Mar-08 | 1.938 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------------|----------------|------|------|-------|-----------|-----------|
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00400 | 30-Jun-08 | 0.323 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00400 | 30-Sep-08 | 0.646 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00530 | 31-Mar-08 | 1.938 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00530 | 30-Jun-08 | 0.323 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00530 | 30-Sep-08 | 0.646 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00545 | 31-Mar-08 | 1.938 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00545 | 30-Jun-08 | 0.323 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00545 | 30-Sep-08 | 0.646 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00550 | 31-Mar-08 | 1.938 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00550 | 30-Jun-08 | 0.323 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00550 | 30-Sep-08 | 0.646 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00940 | 31-Mar-08 | 1.938 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00940 | 30-Jun-08 | 0.323 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 00940 | 30-Sep-08 | 0.646 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 01030 | 31-Mar-08 | 1.938 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 01030 | 30-Jun-08 | 0.323 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 01030 | 30-Sep-08 | 0.646 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 01106 | 31-Mar-08 | 1.938 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 01106 | 30-Jun-08 | 0.323 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 01106 | 30-Sep-08 | 0.646 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 50050 | 31-Mar-08 | 1.938 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 50050 | 30-Jun-08 | 0.323 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 002 | 1 | 50050 | 30-Sep-08 | 0.646 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 003 | 1 | 00400 | 30-Sep-08 | 0.161 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 003 | 1 | 00530 | 30-Sep-08 | 0.161 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 003 | 1 | 00545 | 30-Sep-08 | 0.161 |
| FQ2 | MO0000710 | Harbison-Walker Refractor | Vandalia, MO | 003 | 1 | 50050 | 30-Sep-08 | 0.161 |
| FQ2 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 00011 | 30-Nov-08 | 0.072 |
| FQ2 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 00340 | 30-Nov-08 | 0.072 |
| FQ2 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 00400 | 30-Nov-08 | 0.072 |
| FQ2 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 00545 | 30-Nov-08 | 0.072 |
| FQ2 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 00550 | 30-Nov-08 | 0.072 |
| FQ2 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 00610 | 30-Nov-08 | 0.072 |
| FQ2 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 00665 | 30-Nov-08 | 0.072 |
| FQ2 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 00980 | 30-Nov-08 | 0.072 |
| FQ2 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 00999 | 30-Nov-08 | 0.072 |
| FQ2 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 01009 | 30-Nov-08 | 0.072 |
| FQ2 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 01094 | 30-Nov-08 | 0.072 |
| FQ2 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 01104 | 30-Nov-08 | 0.072 |
| FQ2 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 01118 | 30-Nov-08 | 0.072 |
| FQ2 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 01119 | 30-Nov-08 | 0.072 |
| FQ2 | MO0097926 | Engineered Coil Company | High Ridge, MO | 002 | 1 | 50050 | 30-Nov-08 | 0.072 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|----------------------|------|------|-------|-----------|-----------|
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00139 | 31-Jan-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00139 | 29-Feb-08 | 3.744 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00139 | 31-Mar-08 | 4.032 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00139 | 30-Apr-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00139 | 31-May-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00139 | 30-Jun-08 | 4.32 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00139 | 31-Jul-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00139 | 31-Aug-08 | 2.88 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00139 | 30-Sep-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00139 | 31-Oct-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00139 | 30-Nov-08 | 3.528 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00139 | 31-Dec-08 | 3.168 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00310 | 31-Jan-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00310 | 29-Feb-08 | 3.744 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00310 | 31-Mar-08 | 4.032 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00310 | 30-Apr-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00310 | 31-May-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00310 | 30-Jun-08 | 4.32 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00310 | 31-Jul-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00310 | 31-Aug-08 | 2.88 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00310 | 30-Sep-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00310 | 31-Oct-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00310 | 30-Nov-08 | 3.528 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00310 | 31-Dec-08 | 3.168 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00400 | 31-Jan-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00400 | 29-Feb-08 | 3.744 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00400 | 31-Mar-08 | 4.032 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00400 | 30-Apr-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00400 | 31-May-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00400 | 30-Jun-08 | 4.32 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00400 | 31-Jul-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00400 | 31-Aug-08 | 2.88 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00400 | 30-Sep-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00400 | 31-Oct-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00400 | 30-Nov-08 | 3.528 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00400 | 31-Dec-08 | 3.168 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00530 | 31-Jan-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00530 | 29-Feb-08 | 3.744 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00530 | 31-Mar-08 | 4.032 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00530 | 30-Apr-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00530 | 31-May-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00530 | 30-Jun-08 | 4.32 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|----------------------|------|------|-------|-----------|-----------|
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00530 | 31-Jul-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00530 | 31-Aug-08 | 2.88 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00530 | 30-Sep-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00530 | 31-Oct-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00530 | 30-Nov-08 | 3.528 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00530 | 31-Dec-08 | 3.168 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00545 | 31-Jan-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00545 | 29-Feb-08 | 3.744 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00545 | 31-Mar-08 | 4.032 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00545 | 30-Apr-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00545 | 31-May-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00545 | 30-Jun-08 | 4.32 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00545 | 31-Jul-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00545 | 31-Aug-08 | 2.88 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00545 | 30-Sep-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00545 | 31-Oct-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00545 | 30-Nov-08 | 3.528 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00545 | 31-Dec-08 | 3.168 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00940 | 31-Jan-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00940 | 29-Feb-08 | 3.744 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00940 | 31-Mar-08 | 4.032 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00940 | 30-Apr-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00940 | 31-May-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00940 | 30-Jun-08 | 4.32 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00940 | 31-Jul-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00940 | 31-Aug-08 | 2.88 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00940 | 30-Sep-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00940 | 31-Oct-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00940 | 30-Nov-08 | 3.528 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 00940 | 31-Dec-08 | 3.168 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 34726 | 31-Jan-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 34726 | 29-Feb-08 | 3.744 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 34726 | 31-Mar-08 | 4.032 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 34726 | 30-Apr-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 34726 | 31-May-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 34726 | 30-Jun-08 | 4.32 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 34726 | 31-Jul-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 34726 | 31-Aug-08 | 2.88 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 34726 | 30-Sep-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 34726 | 31-Oct-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 34726 | 30-Nov-08 | 3.528 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 34726 | 31-Dec-08 | 3.168 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|----------------------|------|------|-------|-----------|-----------|
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 49884 | 31-Jan-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 49884 | 29-Feb-08 | 3.744 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 49884 | 31-Mar-08 | 4.032 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 49884 | 30-Apr-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 49884 | 31-May-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 49884 | 30-Jun-08 | 4.32 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 49884 | 31-Jul-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 49884 | 31-Aug-08 | 2.88 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 49884 | 30-Sep-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 49884 | 31-Oct-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 49884 | 30-Nov-08 | 3.528 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 49884 | 31-Dec-08 | 3.168 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 50050 | 31-Jan-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 50050 | 29-Feb-08 | 3.744 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 50050 | 31-Mar-08 | 4.032 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 50050 | 30-Apr-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 50050 | 31-May-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 50050 | 30-Jun-08 | 4.32 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 50050 | 31-Jul-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 50050 | 31-Aug-08 | 2.88 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 50050 | 30-Sep-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 50050 | 31-Oct-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 50050 | 30-Nov-08 | 3.528 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 50050 | 31-Dec-08 | 3.168 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51057 | 31-Jan-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51057 | 29-Feb-08 | 3.744 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51057 | 31-Mar-08 | 4.032 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51057 | 30-Apr-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51057 | 31-May-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51057 | 30-Jun-08 | 4.32 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51057 | 31-Jul-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51057 | 31-Aug-08 | 2.88 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51057 | 30-Sep-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51057 | 31-Oct-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51057 | 30-Nov-08 | 3.528 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51057 | 31-Dec-08 | 3.168 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51064 | 31-Jan-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51064 | 29-Feb-08 | 3.744 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51064 | 31-Mar-08 | 4.032 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51064 | 30-Apr-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51064 | 31-May-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51064 | 30-Jun-08 | 4.32 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|----------------------|------|------|-------|-----------|-----------|
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51064 | 31-Jul-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51064 | 31-Aug-08 | 2.88 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51064 | 30-Sep-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51064 | 31-Oct-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51064 | 30-Nov-08 | 3.528 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51064 | 31-Dec-08 | 3.168 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51066 | 31-Jan-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51066 | 29-Feb-08 | 3.744 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51066 | 31-Mar-08 | 4.032 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51066 | 30-Apr-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51066 | 31-May-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51066 | 30-Jun-08 | 4.32 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51066 | 31-Jul-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51066 | 31-Aug-08 | 2.88 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51066 | 30-Sep-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51066 | 31-Oct-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51066 | 30-Nov-08 | 3.528 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51066 | 31-Dec-08 | 3.168 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51067 | 31-Jan-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51067 | 29-Feb-08 | 3.744 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51067 | 31-Mar-08 | 4.032 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51067 | 30-Apr-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51067 | 31-May-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51067 | 30-Jun-08 | 4.32 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51067 | 31-Jul-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51067 | 31-Aug-08 | 2.88 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51067 | 30-Sep-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51067 | 31-Oct-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51067 | 30-Nov-08 | 3.528 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51067 | 31-Dec-08 | 3.168 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51068 | 31-Jan-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51068 | 29-Feb-08 | 3.744 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51068 | 31-Mar-08 | 4.032 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51068 | 30-Apr-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51068 | 31-May-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51068 | 30-Jun-08 | 4.32 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51068 | 31-Jul-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51068 | 31-Aug-08 | 2.88 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51068 | 30-Sep-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51068 | 31-Oct-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51068 | 30-Nov-08 | 3.528 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51068 | 31-Dec-08 | 3.168 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|----------------------|------|------|-------|-----------|-----------|
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51069 | 31-Jan-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51069 | 29-Feb-08 | 3.744 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51069 | 31-Mar-08 | 4.032 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51069 | 30-Apr-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51069 | 31-May-08 | 4.104 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51069 | 30-Jun-08 | 4.32 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51069 | 31-Jul-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51069 | 31-Aug-08 | 2.88 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51069 | 30-Sep-08 | 3.312 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51069 | 31-Oct-08 | 3.24 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51069 | 30-Nov-08 | 3.528 |
| FQ2 | NY0035327 | Catskill State Fish Hatchery | Livingston Manor, NY | 001 | 1 | 51069 | 31-Dec-08 | 3.168 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00056 | 31-Jan-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00056 | 31-Mar-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00056 | 30-Apr-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00056 | 31-May-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00056 | 30-Jun-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00056 | 31-Jul-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00056 | 31-Aug-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00056 | 30-Sep-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00056 | 31-Oct-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00056 | 30-Nov-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00056 | 31-Dec-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00083 | 31-Jan-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00083 | 31-Mar-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00083 | 30-Apr-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00083 | 31-May-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00083 | 30-Jun-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00083 | 31-Jul-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00083 | 31-Aug-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00083 | 30-Sep-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00083 | 31-Oct-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00083 | 30-Nov-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00083 | 31-Dec-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00400 | 31-Jan-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00400 | 31-Mar-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00400 | 30-Apr-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00400 | 31-May-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00400 | 30-Jun-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00400 | 31-Jul-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00400 | 31-Aug-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00400 | 30-Sep-08 | 0.0005 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-----------------------------|--------------|------|------|-------|-----------|-----------|
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00400 | 31-Oct-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00400 | 30-Nov-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00400 | 31-Dec-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00530 | 31-Jan-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00530 | 31-Mar-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00530 | 30-Apr-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00530 | 31-May-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00530 | 30-Jun-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00530 | 31-Jul-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00530 | 31-Aug-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00530 | 30-Sep-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00530 | 31-Oct-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00530 | 30-Nov-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00530 | 31-Dec-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00610 | 31-Jan-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00610 | 31-Mar-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00610 | 30-Apr-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00610 | 31-May-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00610 | 30-Jun-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00610 | 31-Jul-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00610 | 31-Aug-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00610 | 30-Sep-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00610 | 31-Oct-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00610 | 30-Nov-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 00610 | 31-Dec-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01330 | 31-Jan-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01330 | 31-Mar-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01330 | 30-Apr-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01330 | 31-May-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01330 | 30-Jun-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01330 | 31-Jul-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01330 | 31-Aug-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01330 | 30-Sep-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01330 | 31-Oct-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01330 | 30-Nov-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01330 | 31-Dec-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01350 | 31-Jan-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01350 | 31-Mar-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01350 | 30-Apr-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01350 | 31-May-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01350 | 30-Jun-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01350 | 31-Jul-08 | 0.0005 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-----------------------------|--------------|------|------|-------|-----------|------------|
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01350 | 31-Aug-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01350 | 30-Sep-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01350 | 31-Oct-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01350 | 30-Nov-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 01350 | 31-Dec-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 31616 | 31-May-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 31616 | 30-Jun-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 31616 | 31-Jul-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 31616 | 31-Aug-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 31616 | 30-Sep-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 31616 | 31-Oct-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 50060 | 31-May-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 50060 | 30-Jun-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 50060 | 31-Jul-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 50060 | 31-Aug-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 50060 | 30-Sep-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 50060 | 31-Oct-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 80082 | 31-Jan-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 80082 | 31-Mar-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 80082 | 30-Apr-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 80082 | 31-May-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 80082 | 30-Jun-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 80082 | 31-Jul-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 80082 | 31-Aug-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 80082 | 30-Sep-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 80082 | 31-Oct-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 80082 | 30-Nov-08 | 0.0005 |
| FQ2 | OH0051012 | A.P. Green Refractories Co. | Oak Hill, OH | 001 | 1 | 80082 | 31-Dec-08 | 0.0005 |
| FQ2 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 00056 | 31-Aug-08 | 0.00075888 |
| FQ2 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 00310 | 31-Aug-08 | 0.00075888 |
| FQ2 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 00400 | 31-Aug-08 | 0.00075888 |
| FQ2 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 00530 | 31-Aug-08 | 0.00075888 |
| FQ2 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 00550 | 31-Aug-08 | 0.00075888 |
| FQ2 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 00610 | 31-Aug-08 | 0.00075888 |
| FQ2 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 00978 | 31-Aug-08 | 0.00075888 |
| FQ2 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 01114 | 31-Aug-08 | 0.00075888 |
| FQ2 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 34010 | 31-Aug-08 | 0.00075888 |
| FQ2 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 34030 | 31-Aug-08 | 0.00075888 |
| FQ2 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 34371 | 31-Aug-08 | 0.00075888 |
| FQ2 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 34696 | 31-Aug-08 | 0.00075888 |
| FQ2 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 46529 | 31-Aug-08 | 0.00075888 |
| FQ2 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 77222 | 31-Aug-08 | 0.00075888 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------|--------------|------|------|-------|-----------|------------|
| FQ2 | OH0071684 | STEVENS AVIATION, INC. | Vandalia, OH | 001 | 1 | 81551 | 31-Aug-08 | 0.00075888 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00056 | 31-Jan-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00056 | 29-Feb-08 | 0.000453 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00056 | 31-Mar-08 | 0.000382 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00056 | 30-Apr-08 | 0.000458 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00056 | 31-May-08 | 0.000306 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00056 | 30-Jun-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00056 | 31-Jul-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00056 | 31-Aug-08 | 0.000306 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00056 | 30-Sep-08 | 0.000383 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00056 | 31-Oct-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00056 | 30-Nov-08 | 0.000382 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00056 | 31-Dec-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00083 | 31-Jan-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00083 | 29-Feb-08 | 0.000453 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00083 | 31-Mar-08 | 0.000382 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00083 | 30-Apr-08 | 0.000458 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00083 | 31-May-08 | 0.000306 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00083 | 30-Jun-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00083 | 31-Jul-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00083 | 31-Aug-08 | 0.000306 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00083 | 30-Sep-08 | 0.000383 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00083 | 31-Oct-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00083 | 30-Nov-08 | 0.000382 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00083 | 31-Dec-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00300 | 31-Jan-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00300 | 29-Feb-08 | 0.000453 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00300 | 31-Mar-08 | 0.000382 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00300 | 30-Apr-08 | 0.000458 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00300 | 31-May-08 | 0.000306 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00300 | 30-Jun-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00300 | 31-Jul-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00300 | 31-Aug-08 | 0.000306 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00300 | 30-Sep-08 | 0.000383 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00300 | 31-Oct-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00300 | 30-Nov-08 | 0.000382 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00300 | 31-Dec-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00530 | 31-Jan-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00530 | 29-Feb-08 | 0.000453 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00530 | 31-Mar-08 | 0.000382 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00530 | 30-Apr-08 | 0.000458 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00530 | 31-May-08 | 0.000306 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------|----------|------|------|-------|-----------|-----------|
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00530 | 30-Jun-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00530 | 31-Jul-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00530 | 31-Aug-08 | 0.000306 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00530 | 30-Sep-08 | 0.000383 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00530 | 31-Oct-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00530 | 30-Nov-08 | 0.000382 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00530 | 31-Dec-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00610 | 31-Jan-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00610 | 29-Feb-08 | 0.000453 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00610 | 31-Mar-08 | 0.000382 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00610 | 30-Apr-08 | 0.000458 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00610 | 31-May-08 | 0.000306 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00610 | 30-Jun-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00610 | 31-Jul-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00610 | 31-Aug-08 | 0.000306 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00610 | 30-Sep-08 | 0.000383 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00610 | 31-Oct-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00610 | 30-Nov-08 | 0.000382 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 00610 | 31-Dec-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01330 | 31-Jan-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01330 | 29-Feb-08 | 0.000453 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01330 | 31-Mar-08 | 0.000382 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01330 | 30-Apr-08 | 0.000458 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01330 | 31-May-08 | 0.000306 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01330 | 30-Jun-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01330 | 31-Jul-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01330 | 31-Aug-08 | 0.000306 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01330 | 30-Sep-08 | 0.000383 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01330 | 31-Oct-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01330 | 30-Nov-08 | 0.000382 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01330 | 31-Dec-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01350 | 31-Jan-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01350 | 29-Feb-08 | 0.000453 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01350 | 31-Mar-08 | 0.000382 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01350 | 30-Apr-08 | 0.000458 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01350 | 31-May-08 | 0.000306 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01350 | 30-Jun-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01350 | 31-Jul-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01350 | 31-Aug-08 | 0.000306 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01350 | 30-Sep-08 | 0.000383 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01350 | 31-Oct-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01350 | 30-Nov-08 | 0.000382 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------|----------|------|------|-------|-----------|-----------|
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 01350 | 31-Dec-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 31616 | 30-Jun-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 31616 | 31-Aug-08 | 0.000306 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 50060 | 30-Jun-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 50060 | 31-Aug-08 | 0.000306 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 80082 | 31-Mar-08 | 0.000382 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 80082 | 30-Jun-08 | 0.00046 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 80082 | 31-Aug-08 | 0.000306 |
| FQ2 | OH0081361 | SAKAS, INC. | , OH | 001 | 1 | 80082 | 31-Dec-08 | 0.00046 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00056 | 31-Aug-08 | 0.000457 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00056 | 30-Sep-08 | 0.000762 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00056 | 31-Oct-08 | 0.000381 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00056 | 30-Nov-08 | 0.000416 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00056 | 31-Dec-08 | 0.000457 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00335 | 31-Aug-08 | 0.000457 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00335 | 30-Sep-08 | 0.000762 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00335 | 31-Oct-08 | 0.000381 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00335 | 31-Dec-08 | 0.000457 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00400 | 31-Aug-08 | 0.000457 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00400 | 30-Sep-08 | 0.000762 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00400 | 31-Oct-08 | 0.000381 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00400 | 30-Nov-08 | 0.000416 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00400 | 31-Dec-08 | 0.000457 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00515 | 31-Aug-08 | 0.000457 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00515 | 30-Sep-08 | 0.000762 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00515 | 31-Oct-08 | 0.000381 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00515 | 30-Nov-08 | 0.000416 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00515 | 31-Dec-08 | 0.000457 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00610 | 31-Aug-08 | 0.000457 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00610 | 30-Sep-08 | 0.000762 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00610 | 31-Oct-08 | 0.000381 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00680 | 31-Aug-08 | 0.000457 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00680 | 30-Sep-08 | 0.000762 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00680 | 31-Oct-08 | 0.000381 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00927 | 31-Aug-08 | 0.000457 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00927 | 31-Dec-08 | 0.000457 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00940 | 31-Aug-08 | 0.000457 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00945 | 31-Aug-08 | 0.000457 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 00945 | 31-Dec-08 | 0.000457 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 01045 | 31-Aug-08 | 0.000457 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 01045 | 31-Dec-08 | 0.000457 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 01055 | 31-Aug-08 | 0.000457 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------|----------|------|------|-------|-----------|-----------|
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 001 | 1 | 01055 | 31-Dec-08 | 0.000457 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00056 | 31-Jan-08 | 0.000762 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00056 | 31-Mar-08 | 0.000533 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00056 | 30-Apr-08 | 0.00038 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00056 | 31-May-08 | 0.000571 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00056 | 30-Jun-08 | 0.000761 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00056 | 31-Jul-08 | 0.000474 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00056 | 31-Aug-08 | 0.00038 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00056 | 30-Sep-08 | 0.000561 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00056 | 31-Oct-08 | 0.000952 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00056 | 30-Nov-08 | 0.000762 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00056 | 31-Dec-08 | 0.000457 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00335 | 31-Jan-08 | 0.000762 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00335 | 31-Mar-08 | 0.000533 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00335 | 30-Apr-08 | 0.00038 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00335 | 31-May-08 | 0.000571 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00335 | 30-Jun-08 | 0.000761 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00335 | 31-Jul-08 | 0.000474 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00335 | 31-Aug-08 | 0.00038 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00335 | 30-Sep-08 | 0.000561 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00335 | 31-Oct-08 | 0.000952 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00335 | 31-Dec-08 | 0.000457 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00400 | 31-Jan-08 | 0.000762 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00400 | 31-Mar-08 | 0.000533 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00400 | 30-Apr-08 | 0.00038 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00400 | 31-May-08 | 0.000571 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00400 | 30-Jun-08 | 0.000761 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00400 | 31-Jul-08 | 0.000474 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00400 | 31-Aug-08 | 0.00038 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00400 | 30-Sep-08 | 0.000561 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00400 | 31-Oct-08 | 0.000952 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00400 | 30-Nov-08 | 0.000762 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00400 | 31-Dec-08 | 0.000457 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00515 | 31-Jan-08 | 0.000762 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00515 | 31-Mar-08 | 0.000533 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00515 | 30-Apr-08 | 0.00038 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00515 | 31-May-08 | 0.000571 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00515 | 30-Jun-08 | 0.000761 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00515 | 31-Jul-08 | 0.000474 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00515 | 31-Aug-08 | 0.00038 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00515 | 30-Sep-08 | 0.000561 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00515 | 31-Oct-08 | 0.000952 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------|----------|------|------|-------|-----------|-----------|
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00515 | 30-Nov-08 | 0.000762 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00515 | 31-Dec-08 | 0.000457 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00610 | 31-Jan-08 | 0.000762 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00610 | 31-Mar-08 | 0.000533 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00610 | 30-Apr-08 | 0.00038 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00610 | 31-May-08 | 0.000571 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00610 | 30-Jun-08 | 0.000761 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00610 | 31-Jul-08 | 0.000474 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00610 | 31-Aug-08 | 0.00038 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00610 | 30-Sep-08 | 0.000561 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00610 | 31-Oct-08 | 0.000952 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00680 | 31-Jan-08 | 0.000762 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00680 | 31-Mar-08 | 0.000533 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00680 | 30-Apr-08 | 0.00038 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00680 | 31-May-08 | 0.000571 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00680 | 30-Jun-08 | 0.000761 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00680 | 31-Jul-08 | 0.000474 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00680 | 31-Aug-08 | 0.00038 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00680 | 30-Sep-08 | 0.000561 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00680 | 31-Oct-08 | 0.000952 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00927 | 31-Mar-08 | 0.000533 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00927 | 30-Jun-08 | 0.000761 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00927 | 31-Aug-08 | 0.00038 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00927 | 31-Dec-08 | 0.000457 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00940 | 31-Mar-08 | 0.000533 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00940 | 30-Jun-08 | 0.000761 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00940 | 31-Aug-08 | 0.00038 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00945 | 31-Mar-08 | 0.000533 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00945 | 30-Jun-08 | 0.000761 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00945 | 31-Aug-08 | 0.00038 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 00945 | 31-Dec-08 | 0.000457 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 01045 | 31-Mar-08 | 0.000533 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 01045 | 30-Jun-08 | 0.000761 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 01045 | 31-Aug-08 | 0.00038 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 01045 | 31-Dec-08 | 0.000457 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 01055 | 31-Mar-08 | 0.000533 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 01055 | 30-Jun-08 | 0.000761 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 01055 | 31-Aug-08 | 0.00038 |
| FQ2 | OH0104507 | Mead Depot Landfill | , OH | 002 | 1 | 01055 | 31-Dec-08 | 0.000457 |
| FQ2 | OH0108979 | Wullenweber Motors | , OH | 001 | 1 | 00010 | 31-Jan-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | , OH | 001 | 1 | 00010 | 29-Feb-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | , OH | 001 | 1 | 00010 | 31-Mar-08 | 0.001 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--------------------|----------|------|------|-------|-----------|------------|
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00010 | 30-Apr-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00010 | 31-May-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00010 | 31-Jul-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00010 | 31-Aug-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00010 | 31-Dec-08 | 0.00014403 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00056 | 31-Jan-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00056 | 29-Feb-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00056 | 31-Mar-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00056 | 30-Apr-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00056 | 31-May-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00056 | 31-Jul-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00056 | 31-Aug-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00056 | 31-Dec-08 | 0.00014403 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00083 | 31-Jan-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00083 | 29-Feb-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00083 | 31-Mar-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00083 | 30-Apr-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00083 | 31-May-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00083 | 31-Jul-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00083 | 31-Aug-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00083 | 31-Dec-08 | 0.00014403 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00300 | 31-Jan-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00300 | 29-Feb-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00300 | 31-Mar-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00300 | 30-Apr-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00300 | 31-May-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00300 | 31-Jul-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00300 | 31-Aug-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00300 | 31-Dec-08 | 0.00014403 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00400 | 31-Jan-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00400 | 29-Feb-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00400 | 31-Mar-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00400 | 30-Apr-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00400 | 31-May-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00400 | 31-Jul-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00400 | 31-Aug-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00400 | 31-Dec-08 | 0.00014403 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00530 | 31-Jan-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00530 | 29-Feb-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00530 | 31-Mar-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00530 | 30-Apr-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00530 | 31-May-08 | 0.001 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------------|----------|------|------|-------|-----------|------------|
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00530 | 31-Jul-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00530 | 31-Aug-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00530 | 31-Dec-08 | 0.00014403 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00610 | 31-Jan-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00610 | 29-Feb-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00610 | 31-Mar-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00610 | 30-Apr-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00610 | 31-May-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00610 | 31-Jul-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00610 | 31-Aug-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 00610 | 31-Dec-08 | 0.00014403 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01330 | 31-Jan-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01330 | 29-Feb-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01330 | 31-Mar-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01330 | 30-Apr-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01330 | 31-May-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01330 | 31-Jul-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01330 | 31-Aug-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01330 | 31-Dec-08 | 0.00014403 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01350 | 31-Jan-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01350 | 29-Feb-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01350 | 31-Mar-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01350 | 30-Apr-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01350 | 31-May-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01350 | 31-Jul-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01350 | 31-Aug-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 01350 | 31-Dec-08 | 0.00014403 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 31616 | 31-May-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 31616 | 31-Jul-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 31616 | 31-Aug-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 50060 | 31-May-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 50060 | 31-Jul-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 50060 | 31-Aug-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 80082 | 31-Jan-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 80082 | 29-Feb-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 80082 | 31-Mar-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 80082 | 30-Apr-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 80082 | 31-May-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 80082 | 31-Jul-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 80082 | 31-Aug-08 | 0.001 |
| FQ2 | OH0108979 | Wullenweber Motors | . OH | 001 | 1 | 80082 | 31-Dec-08 | 0.00014403 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | . OH | 001 | 1 | 00010 | 31-Jan-08 | 0.00036 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------------|----------|------|------|-------|-----------|-----------|
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00010 | 29-Feb-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00010 | 31-Mar-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00010 | 30-Apr-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00010 | 31-May-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00010 | 30-Jun-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00010 | 31-Jul-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00010 | 31-Aug-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00010 | 30-Sep-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00010 | 31-Oct-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00010 | 30-Nov-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00010 | 31-Dec-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00056 | 31-Jan-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00056 | 29-Feb-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00056 | 31-Mar-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00056 | 30-Apr-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00056 | 31-May-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00056 | 30-Jun-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00056 | 31-Jul-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00056 | 31-Aug-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00056 | 30-Sep-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00056 | 31-Oct-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00056 | 30-Nov-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00056 | 31-Dec-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00083 | 31-Jan-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00083 | 29-Feb-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00083 | 31-Mar-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00083 | 30-Apr-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00083 | 31-May-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00083 | 30-Jun-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00083 | 31-Jul-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00083 | 31-Aug-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00083 | 30-Sep-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00083 | 31-Oct-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00083 | 30-Nov-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00083 | 31-Dec-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00300 | 31-Mar-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00300 | 30-Jun-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00300 | 31-Aug-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00300 | 31-Dec-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00400 | 31-Mar-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00400 | 30-Jun-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00400 | 31-Aug-08 | 0.00036 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------------|----------|------|------|-------|-----------|-----------|
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00400 | 31-Dec-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00530 | 31-Mar-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00530 | 30-Jun-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00530 | 31-Aug-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00530 | 31-Dec-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00610 | 31-Mar-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00610 | 30-Jun-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00610 | 31-Aug-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 00610 | 31-Dec-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01330 | 31-Jan-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01330 | 29-Feb-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01330 | 31-Mar-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01330 | 30-Apr-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01330 | 31-May-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01330 | 30-Jun-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01330 | 31-Jul-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01330 | 31-Aug-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01330 | 30-Sep-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01330 | 31-Oct-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01330 | 30-Nov-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01330 | 31-Dec-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01350 | 31-Jan-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01350 | 29-Feb-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01350 | 31-Mar-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01350 | 30-Apr-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01350 | 31-May-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01350 | 30-Jun-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01350 | 31-Jul-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01350 | 31-Aug-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01350 | 30-Sep-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01350 | 31-Oct-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01350 | 30-Nov-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 01350 | 31-Dec-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 31616 | 30-Jun-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 31616 | 31-Aug-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 50060 | 30-Jun-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 50060 | 31-Aug-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 80082 | 31-Mar-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 80082 | 30-Jun-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 80082 | 31-Aug-08 | 0.00036 |
| FQ2 | OH0118320 | Saint Ilija Macadonian Church | , OH | 001 | 1 | 80082 | 31-Dec-08 | 0.00036 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00010 | 31-Jan-08 | 0.00048 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------------|----------|------|------|-------|-----------|-----------|
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00010 | 29-Feb-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00010 | 31-Mar-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00010 | 30-Apr-08 | 0.00052 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00010 | 31-May-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00010 | 30-Jun-08 | 0.00084 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00010 | 31-Aug-08 | 0.00072 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00010 | 30-Sep-08 | 0.00084 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00010 | 31-Oct-08 | 0.00088 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00010 | 30-Nov-08 | 0.00096 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00010 | 31-Dec-08 | 0.000801 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00056 | 31-Jan-08 | 0.00048 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00056 | 29-Feb-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00056 | 31-Mar-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00056 | 30-Apr-08 | 0.00052 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00056 | 31-May-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00056 | 30-Jun-08 | 0.00084 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00056 | 31-Aug-08 | 0.00072 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00056 | 30-Sep-08 | 0.00084 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00056 | 31-Oct-08 | 0.00088 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00056 | 30-Nov-08 | 0.00096 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00056 | 31-Dec-08 | 0.000801 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00083 | 31-Jan-08 | 0.00048 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00083 | 29-Feb-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00083 | 31-Mar-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00083 | 30-Apr-08 | 0.00052 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00083 | 31-May-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00083 | 30-Jun-08 | 0.00084 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00083 | 31-Aug-08 | 0.00072 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00083 | 30-Sep-08 | 0.00084 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00083 | 31-Oct-08 | 0.00088 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00083 | 30-Nov-08 | 0.00096 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00083 | 31-Dec-08 | 0.000801 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00300 | 31-Jan-08 | 0.00048 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00300 | 29-Feb-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00300 | 31-Mar-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00300 | 30-Apr-08 | 0.00052 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00300 | 31-May-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00300 | 30-Jun-08 | 0.00084 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00300 | 31-Aug-08 | 0.00072 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00300 | 30-Sep-08 | 0.00084 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00300 | 31-Oct-08 | 0.00088 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00300 | 30-Nov-08 | 0.00096 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------------|----------|------|------|-------|-----------|-----------|
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00300 | 31-Dec-08 | 0.000801 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00400 | 31-Jan-08 | 0.00048 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00400 | 29-Feb-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00400 | 31-Mar-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00400 | 30-Apr-08 | 0.00052 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00400 | 31-May-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00400 | 30-Jun-08 | 0.00084 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00400 | 31-Aug-08 | 0.00072 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00400 | 30-Sep-08 | 0.00084 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00400 | 31-Oct-08 | 0.00088 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00400 | 30-Nov-08 | 0.00096 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00400 | 31-Dec-08 | 0.000801 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00530 | 31-Jan-08 | 0.00048 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00530 | 29-Feb-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00530 | 31-Mar-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00530 | 30-Apr-08 | 0.00052 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00530 | 31-May-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00530 | 30-Jun-08 | 0.00084 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00530 | 31-Aug-08 | 0.00072 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00530 | 30-Sep-08 | 0.00084 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00530 | 31-Oct-08 | 0.00088 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00530 | 30-Nov-08 | 0.00096 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00530 | 31-Dec-08 | 0.000801 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00610 | 31-Jan-08 | 0.00048 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00610 | 29-Feb-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00610 | 31-Mar-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00610 | 30-Apr-08 | 0.00052 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00610 | 31-May-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00610 | 30-Jun-08 | 0.00084 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00610 | 31-Aug-08 | 0.00072 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00610 | 30-Sep-08 | 0.00084 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00610 | 31-Oct-08 | 0.00088 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00610 | 30-Nov-08 | 0.00096 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 00610 | 31-Dec-08 | 0.000801 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01330 | 31-Jan-08 | 0.00048 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01330 | 29-Feb-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01330 | 31-Mar-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01330 | 30-Apr-08 | 0.00052 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01330 | 31-May-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01330 | 30-Jun-08 | 0.00084 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01330 | 31-Aug-08 | 0.00072 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | , OH | 001 | 1 | 01330 | 30-Sep-08 | 0.00084 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------------|----------|------|------|-------|-----------|-----------|
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 01330 | 31-Oct-08 | 0.00088 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 01330 | 30-Nov-08 | 0.00096 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 01330 | 31-Dec-08 | 0.000801 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 01350 | 31-Jan-08 | 0.00048 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 01350 | 29-Feb-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 01350 | 31-Mar-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 01350 | 30-Apr-08 | 0.00052 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 01350 | 31-May-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 01350 | 30-Jun-08 | 0.00084 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 01350 | 31-Aug-08 | 0.00072 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 01350 | 30-Sep-08 | 0.00084 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 01350 | 31-Oct-08 | 0.00088 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 01350 | 30-Nov-08 | 0.00096 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 01350 | 31-Dec-08 | 0.000801 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 31616 | 31-May-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 31616 | 30-Jun-08 | 0.00084 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 31616 | 31-Aug-08 | 0.00072 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 31616 | 30-Sep-08 | 0.00084 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 31616 | 31-Oct-08 | 0.00088 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 50060 | 31-May-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 50060 | 30-Jun-08 | 0.00084 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 50060 | 31-Aug-08 | 0.00072 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 50060 | 30-Sep-08 | 0.00084 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 50060 | 31-Oct-08 | 0.00088 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 80082 | 31-Jan-08 | 0.00048 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 80082 | 29-Feb-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 80082 | 31-Mar-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 80082 | 30-Apr-08 | 0.00052 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 80082 | 31-May-08 | 0.00056 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 80082 | 30-Jun-08 | 0.00084 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 80082 | 31-Aug-08 | 0.00072 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 80082 | 30-Sep-08 | 0.00084 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 80082 | 31-Oct-08 | 0.00088 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 80082 | 30-Nov-08 | 0.00096 |
| FQ2 | OH0128465 | Speedway Superamerica LLC | . OH | 001 | 1 | 80082 | 31-Dec-08 | 0.000801 |
| FQ2 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 00010 | 30-Jun-08 | 0.000577 |
| FQ2 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 00010 | 31-Oct-08 | 0.000995 |
| FQ2 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 00056 | 30-Jun-08 | 0.000577 |
| FQ2 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 00056 | 31-Oct-08 | 0.000995 |
| FQ2 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 00083 | 30-Jun-08 | 0.000577 |
| FQ2 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 00083 | 31-Oct-08 | 0.000995 |
| FQ2 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 00300 | 30-Jun-08 | 0.000577 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------------|----------|------|------|-------|-----------|-----------|
| FQ2 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 00400 | 30-Jun-08 | 0.000577 |
| FQ2 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 00530 | 30-Jun-08 | 0.000577 |
| FQ2 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 00610 | 30-Jun-08 | 0.000577 |
| FQ2 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 01330 | 30-Jun-08 | 0.000577 |
| FQ2 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 01330 | 31-Oct-08 | 0.000995 |
| FQ2 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 01350 | 30-Jun-08 | 0.000577 |
| FQ2 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 01350 | 31-Oct-08 | 0.000995 |
| FQ2 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 31616 | 30-Jun-08 | 0.000577 |
| FQ2 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 50060 | 30-Jun-08 | 0.000577 |
| FQ2 | OH0129518 | Smith's Pleasant Valley | . OH | 001 | 1 | 80082 | 30-Jun-08 | 0.000577 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00010 | 29-Feb-08 | 0.000595 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00010 | 31-Mar-08 | 0.000817 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00010 | 31-May-08 | 0.00027 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00010 | 30-Jun-08 | 0.000357 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00010 | 31-Jul-08 | 0.000178 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00010 | 31-Aug-08 | 0.000192 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00010 | 30-Sep-08 | 0.000544 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00010 | 31-Oct-08 | 0.000448 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00010 | 30-Nov-08 | 0.000297 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00010 | 31-Dec-08 | 0.00036 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00056 | 29-Feb-08 | 0.000595 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00056 | 31-Mar-08 | 0.000817 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00056 | 31-May-08 | 0.00027 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00056 | 30-Jun-08 | 0.000357 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00056 | 31-Jul-08 | 0.000178 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00056 | 31-Aug-08 | 0.000192 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00056 | 30-Sep-08 | 0.000544 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00056 | 31-Oct-08 | 0.000448 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00056 | 30-Nov-08 | 0.000297 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00056 | 31-Dec-08 | 0.00036 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00083 | 29-Feb-08 | 0.000595 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00083 | 31-Mar-08 | 0.000817 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00083 | 31-May-08 | 0.00027 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00083 | 30-Jun-08 | 0.000357 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00083 | 31-Jul-08 | 0.000178 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00083 | 31-Aug-08 | 0.000192 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00083 | 30-Sep-08 | 0.000544 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00083 | 31-Oct-08 | 0.000448 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00083 | 30-Nov-08 | 0.000297 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00083 | 31-Dec-08 | 0.00036 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00300 | 31-Mar-08 | 0.000817 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00300 | 30-Jun-08 | 0.000357 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------------|----------|------|------|-------|-----------|-----------|
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00300 | 31-Aug-08 | 0.000192 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00300 | 31-Dec-08 | 0.00036 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00400 | 31-Mar-08 | 0.000817 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00400 | 30-Jun-08 | 0.000357 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00400 | 31-Aug-08 | 0.000192 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00400 | 31-Dec-08 | 0.00036 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00530 | 31-Mar-08 | 0.000817 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00530 | 30-Jun-08 | 0.000357 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00530 | 31-Aug-08 | 0.000192 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00530 | 31-Dec-08 | 0.00036 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00610 | 31-Mar-08 | 0.000817 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00610 | 30-Jun-08 | 0.000357 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00610 | 31-Aug-08 | 0.000192 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 00610 | 31-Dec-08 | 0.00036 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01330 | 29-Feb-08 | 0.000595 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01330 | 31-Mar-08 | 0.000817 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01330 | 31-May-08 | 0.00027 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01330 | 30-Jun-08 | 0.000357 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01330 | 31-Jul-08 | 0.000178 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01330 | 31-Aug-08 | 0.000192 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01330 | 30-Sep-08 | 0.000544 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01330 | 31-Oct-08 | 0.000448 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01330 | 30-Nov-08 | 0.000297 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01330 | 31-Dec-08 | 0.00036 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01350 | 29-Feb-08 | 0.000595 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01350 | 31-Mar-08 | 0.000817 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01350 | 31-May-08 | 0.00027 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01350 | 30-Jun-08 | 0.000357 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01350 | 31-Jul-08 | 0.000178 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01350 | 31-Aug-08 | 0.000192 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01350 | 30-Sep-08 | 0.000544 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01350 | 31-Oct-08 | 0.000448 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01350 | 30-Nov-08 | 0.000297 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 01350 | 31-Dec-08 | 0.00036 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 31616 | 30-Jun-08 | 0.000357 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 31616 | 31-Aug-08 | 0.000192 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 50060 | 30-Jun-08 | 0.000357 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 50060 | 31-Aug-08 | 0.000192 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 80082 | 31-Mar-08 | 0.000817 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 80082 | 30-Jun-08 | 0.000357 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 80082 | 31-Aug-08 | 0.000192 |
| FQ2 | OH0131504 | Norbet Fun Family Bowling | . OH | 001 | 1 | 80082 | 31-Dec-08 | 0.00036 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--------------------------|----------|------|------|-------|-----------|-----------|
| FQ2 | OH0133221 | Debora K. Schiemann | . OH | 001 | 1 | 00010 | 31-May-08 | 0.00096 |
| FQ2 | OH0133221 | Debora K. Schiemann | . OH | 001 | 1 | 00056 | 31-May-08 | 0.00096 |
| FQ2 | OH0133221 | Debora K. Schiemann | . OH | 001 | 1 | 00083 | 31-May-08 | 0.00096 |
| FQ2 | OH0133221 | Debora K. Schiemann | . OH | 001 | 1 | 00300 | 31-May-08 | 0.00096 |
| FQ2 | OH0133221 | Debora K. Schiemann | . OH | 001 | 1 | 00400 | 31-May-08 | 0.00096 |
| FQ2 | OH0133221 | Debora K. Schiemann | . OH | 001 | 1 | 00530 | 31-May-08 | 0.00096 |
| FQ2 | OH0133221 | Debora K. Schiemann | . OH | 001 | 1 | 00610 | 31-May-08 | 0.00096 |
| FQ2 | OH0133221 | Debora K. Schiemann | . OH | 001 | 1 | 00610 | 30-Nov-08 | 0.001182 |
| FQ2 | OH0133221 | Debora K. Schiemann | . OH | 001 | 1 | 00610 | 31-Dec-08 | 0.001248 |
| FQ2 | OH0133221 | Debora K. Schiemann | . OH | 001 | 1 | 01330 | 31-May-08 | 0.00096 |
| FQ2 | OH0133221 | Debora K. Schiemann | . OH | 001 | 1 | 01350 | 31-May-08 | 0.00096 |
| FQ2 | OH0133221 | Debora K. Schiemann | . OH | 001 | 1 | 31616 | 31-May-08 | 0.00096 |
| FQ2 | OH0133221 | Debora K. Schiemann | . OH | 001 | 1 | 50060 | 31-May-08 | 0.00096 |
| FQ2 | OH0133221 | Debora K. Schiemann | . OH | 001 | 1 | 80082 | 31-May-08 | 0.00096 |
| FQ2 | OH0133400 | Pelican Grove Campground | . OH | 001 | 1 | 00056 | 31-Jan-08 | 0.00078 |
| FQ2 | OH0133400 | Pelican Grove Campground | . OH | 001 | 1 | 00056 | 30-Apr-08 | 0.00065 |
| FQ2 | OH0133400 | Pelican Grove Campground | . OH | 001 | 1 | 00056 | 31-May-08 | 0.000425 |
| FQ2 | OH0133400 | Pelican Grove Campground | . OH | 001 | 1 | 00056 | 30-Jun-08 | 0.00048 |
| FQ2 | OH0133400 | Pelican Grove Campground | . OH | 001 | 1 | 00056 | 31-Jul-08 | 0.00034 |
| FQ2 | OH0133400 | Pelican Grove Campground | . OH | 001 | 1 | 00056 | 31-Aug-08 | 0.000225 |
| FQ2 | OH0133400 | Pelican Grove Campground | . OH | 001 | 1 | 00056 | 30-Sep-08 | 0.000175 |
| FQ2 | OH0133400 | Pelican Grove Campground | . OH | 001 | 1 | 00056 | 31-Oct-08 | 0.00017 |
| FQ2 | OH0133400 | Pelican Grove Campground | . OH | 001 | 1 | 00056 | 30-Nov-08 | 0.00012 |
| FQ2 | OH0133400 | Pelican Grove Campground | . OH | 001 | 1 | 00056 | 31-Dec-08 | 0.0004 |
| FQ2 | OH0133400 | Pelican Grove Campground | . OH | 001 | 1 | 00083 | 31-Jan-08 | 0.00078 |
| FQ2 | OH0133400 | Pelican Grove Campground | . OH | 001 | 1 | 00083 | 30-Apr-08 | 0.00065 |
| FQ2 | OH0133400 | Pelican Grove Campground | . OH | 001 | 1 | 00083 | 31-May-08 | 0.000425 |
| FQ2 | OH0133400 | Pelican Grove Campground | . OH | 001 | 1 | 00083 | 30-Jun-08 | 0.00048 |
| FQ2 | OH0133400 | Pelican Grove Campground | . OH | 001 | 1 | 00083 | 31-Jul-08 | 0.00034 |
| FQ2 | OH0133400 | Pelican Grove Campground | . OH | 001 | 1 | 00083 | 31-Aug-08 | 0.000225 |
| FQ2 | OH0133400 | Pelican Grove Campground | . OH | 001 | 1 | 00083 | 30-Sep-08 | 0.000175 |
| FQ2 | OH0133400 | Pelican Grove Campground | . OH | 001 | 1 | 00083 | 31-Oct-08 | 0.00017 |
| FQ2 | OH0133400 | Pelican Grove Campground | . OH | 001 | 1 | 00083 | 30-Nov-08 | 0.00012 |
| FQ2 | OH0133400 | Pelican Grove Campground | . OH | 001 | 1 | 00083 | 31-Dec-08 | 0.0004 |
| FQ2 | OH0133400 | Pelican Grove Campground | . OH | 001 | 1 | 00300 | 30-Jun-08 | 0.00048 |
| FQ2 | OH0133400 | Pelican Grove Campground | . OH | 001 | 1 | 00300 | 31-Aug-08 | 0.000225 |
| FQ2 | OH0133400 | Pelican Grove Campground | . OH | 001 | 1 | 00300 | 31-Dec-08 | 0.0004 |
| FQ2 | OH0133400 | Pelican Grove Campground | . OH | 001 | 1 | 00400 | 31-Aug-08 | 0.000225 |
| FQ2 | OH0133400 | Pelican Grove Campground | . OH | 001 | 1 | 00400 | 31-Dec-08 | 0.0004 |
| FQ2 | OH0133400 | Pelican Grove Campground | . OH | 001 | 1 | 00530 | 30-Jun-08 | 0.00048 |
| FQ2 | OH0133400 | Pelican Grove Campground | . OH | 001 | 1 | 00530 | 31-Aug-08 | 0.000225 |
| FQ2 | OH0133400 | Pelican Grove Campground | . OH | 001 | 1 | 00530 | 31-Dec-08 | 0.0004 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--------------------------------|----------|------|------|-------|-----------|-----------|
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00610 | 30-Jun-08 | 0.00048 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00610 | 31-Aug-08 | 0.000225 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 00610 | 31-Dec-08 | 0.0004 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01330 | 31-Jan-08 | 0.00078 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01330 | 30-Apr-08 | 0.00065 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01330 | 31-May-08 | 0.000425 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01330 | 30-Jun-08 | 0.00048 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01330 | 31-Jul-08 | 0.00034 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01330 | 31-Aug-08 | 0.000225 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01330 | 30-Sep-08 | 0.000175 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01330 | 31-Oct-08 | 0.00017 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01330 | 30-Nov-08 | 0.00012 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01330 | 31-Dec-08 | 0.0004 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01350 | 31-Jan-08 | 0.00078 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01350 | 30-Apr-08 | 0.00065 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01350 | 31-May-08 | 0.000425 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01350 | 30-Jun-08 | 0.00048 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01350 | 31-Jul-08 | 0.00034 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01350 | 31-Aug-08 | 0.000225 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01350 | 30-Sep-08 | 0.000175 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01350 | 31-Oct-08 | 0.00017 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01350 | 30-Nov-08 | 0.00012 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 01350 | 31-Dec-08 | 0.0004 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 31616 | 30-Jun-08 | 0.00048 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 31616 | 31-Aug-08 | 0.000225 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 31616 | 30-Sep-08 | 0.000175 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 31616 | 31-Oct-08 | 0.00017 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 50060 | 30-Jun-08 | 0.00048 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 50060 | 31-Aug-08 | 0.000225 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 80082 | 30-Jun-08 | 0.00048 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 80082 | 31-Aug-08 | 0.000225 |
| FQ2 | OH0133400 | Pelican Grove Campground | , OH | 001 | 1 | 80082 | 31-Dec-08 | 0.0004 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00010 | 31-Jan-08 | 0.000144 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00010 | 29-Feb-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00010 | 31-Mar-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00010 | 30-Apr-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00010 | 31-May-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00010 | 30-Jun-08 | 0.000144 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00010 | 31-Aug-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00010 | 30-Sep-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00010 | 31-Oct-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00010 | 30-Nov-08 | 9.6e-005 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--------------------------------|----------|------|------|-------|-----------|-----------|
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00010 | 31-Dec-08 | 0.000144 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00056 | 31-Jan-08 | 0.000144 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00056 | 29-Feb-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00056 | 31-Mar-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00056 | 30-Apr-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00056 | 31-May-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00056 | 30-Jun-08 | 0.000144 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00056 | 31-Aug-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00056 | 30-Sep-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00056 | 31-Oct-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00056 | 30-Nov-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00056 | 31-Dec-08 | 0.000144 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00083 | 31-Jan-08 | 0.000144 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00083 | 29-Feb-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00083 | 31-Mar-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00083 | 30-Apr-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00083 | 31-May-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00083 | 30-Jun-08 | 0.000144 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00083 | 31-Aug-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00083 | 30-Sep-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00083 | 31-Oct-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00083 | 30-Nov-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00083 | 31-Dec-08 | 0.000144 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00300 | 31-Mar-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00300 | 30-Jun-08 | 0.000144 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00300 | 31-Aug-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00300 | 31-Dec-08 | 0.000144 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00400 | 31-Mar-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00400 | 30-Jun-08 | 0.000144 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00400 | 31-Aug-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00400 | 31-Dec-08 | 0.000144 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00530 | 31-Mar-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00530 | 30-Jun-08 | 0.000144 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00530 | 31-Aug-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00530 | 31-Dec-08 | 0.000144 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00610 | 31-Mar-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00610 | 30-Jun-08 | 0.000144 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00610 | 31-Aug-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 00610 | 31-Dec-08 | 0.000144 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01330 | 31-Jan-08 | 0.000144 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01330 | 29-Feb-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01330 | 31-Mar-08 | 9.6e-005 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--------------------------------|----------|------|------|-------|-----------|-----------|
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01330 | 30-Apr-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01330 | 31-May-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01330 | 30-Jun-08 | 0.000144 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01330 | 31-Aug-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01330 | 30-Sep-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01330 | 31-Oct-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01330 | 30-Nov-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01330 | 31-Dec-08 | 0.000144 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01350 | 31-Jan-08 | 0.000144 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01350 | 29-Feb-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01350 | 31-Mar-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01350 | 30-Apr-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01350 | 31-May-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01350 | 30-Jun-08 | 0.000144 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01350 | 31-Aug-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01350 | 30-Sep-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01350 | 31-Oct-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01350 | 30-Nov-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 01350 | 31-Dec-08 | 0.000144 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 31616 | 30-Jun-08 | 0.000144 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 31616 | 31-Aug-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 50060 | 30-Jun-08 | 0.000144 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 50060 | 31-Aug-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 80082 | 31-Mar-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 80082 | 30-Jun-08 | 0.000144 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 80082 | 31-Aug-08 | 9.6e-005 |
| FQ2 | OH0133698 | LE-O-NA Falls Mobile Home Park | , OH | 001 | 1 | 80082 | 31-Dec-08 | 0.000144 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00010 | 29-Feb-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00010 | 31-Mar-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00010 | 30-Apr-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00010 | 31-May-08 | 0.0006 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00010 | 30-Jun-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00010 | 31-Jul-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00010 | 31-Aug-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00010 | 30-Sep-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00056 | 29-Feb-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00056 | 31-Mar-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00056 | 30-Apr-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00056 | 31-May-08 | 0.0006 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00056 | 30-Jun-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00056 | 31-Jul-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00056 | 31-Aug-08 | 0.0008 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------------|----------|------|------|-------|-----------|-----------|
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00056 | 30-Sep-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00083 | 29-Feb-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00083 | 31-Mar-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00083 | 30-Apr-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00083 | 31-May-08 | 0.0006 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00083 | 30-Jun-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00083 | 31-Jul-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00083 | 31-Aug-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00083 | 30-Sep-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00300 | 29-Feb-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00300 | 31-Mar-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00300 | 30-Apr-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00300 | 31-May-08 | 0.0006 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00300 | 30-Jun-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00300 | 31-Jul-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00300 | 31-Aug-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00300 | 30-Sep-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00400 | 29-Feb-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00400 | 31-Mar-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00400 | 30-Apr-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00400 | 31-May-08 | 0.0006 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00400 | 30-Jun-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00400 | 31-Jul-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00400 | 31-Aug-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00400 | 30-Sep-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00530 | 29-Feb-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00530 | 31-Mar-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00530 | 30-Apr-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00530 | 31-May-08 | 0.0006 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00530 | 30-Jun-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00530 | 31-Jul-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00530 | 31-Aug-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00530 | 30-Sep-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00610 | 29-Feb-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00610 | 31-Mar-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00610 | 30-Apr-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00610 | 31-May-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00610 | 30-Jun-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00610 | 31-Jul-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00610 | 31-Aug-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00610 | 30-Sep-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 00610 | 31-Oct-08 | 0.004625 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------------|----------|------|------|-------|-----------|-----------|
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01330 | 31-Mar-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01330 | 30-Apr-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01330 | 31-May-08 | 0.0006 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01330 | 30-Jun-08 | 0.0006 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01330 | 31-Jul-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01330 | 31-Aug-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01330 | 30-Sep-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01350 | 29-Feb-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01350 | 31-Mar-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01350 | 30-Apr-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01350 | 31-May-08 | 0.0006 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01350 | 30-Jun-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01350 | 31-Jul-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01350 | 31-Aug-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 01350 | 30-Sep-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 31616 | 31-May-08 | 0.0006 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 31616 | 30-Jun-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 31616 | 31-Jul-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 31616 | 31-Aug-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 31616 | 30-Sep-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 31616 | 31-Oct-08 | 0.004625 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 50060 | 31-May-08 | 0.0006 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 50060 | 30-Jun-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 50060 | 31-Jul-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 50060 | 31-Aug-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 50060 | 30-Sep-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 50060 | 31-Oct-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 80082 | 29-Feb-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 80082 | 31-Mar-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 80082 | 30-Apr-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 80082 | 31-May-08 | 0.0006 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 80082 | 30-Jun-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 80082 | 31-Jul-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 80082 | 31-Aug-08 | 0.0008 |
| FQ2 | OH0136832 | Charm Countryview Inn Inc | , OH | 001 | 1 | 80082 | 30-Sep-08 | 0.0008 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00010 | 31-Jan-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00010 | 29-Feb-08 | 0.000689 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00010 | 31-Mar-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00010 | 30-Apr-08 | 0.000667 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00010 | 31-May-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00010 | 30-Jun-08 | 0.000667 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00010 | 31-Jul-08 | 0.000645 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------------|----------|------|------|-------|-----------|-----------|
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00010 | 31-Aug-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00010 | 30-Sep-08 | 0.000667 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00010 | 31-Oct-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00010 | 30-Nov-08 | 0.00012 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00010 | 31-Dec-08 | 0.00012 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00056 | 31-Jan-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00056 | 29-Feb-08 | 0.000689 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00056 | 31-Mar-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00056 | 30-Apr-08 | 0.000667 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00056 | 31-May-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00056 | 30-Jun-08 | 0.000667 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00056 | 31-Jul-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00056 | 31-Aug-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00056 | 30-Sep-08 | 0.000667 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00056 | 31-Oct-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00056 | 30-Nov-08 | 0.00012 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00056 | 31-Dec-08 | 0.00012 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00083 | 31-Jan-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00083 | 29-Feb-08 | 0.000689 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00083 | 31-Mar-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00083 | 30-Apr-08 | 0.000667 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00083 | 31-May-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00083 | 30-Jun-08 | 0.000667 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00083 | 31-Jul-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00083 | 31-Aug-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00083 | 30-Sep-08 | 0.000667 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00083 | 31-Oct-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00083 | 30-Nov-08 | 0.00012 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00083 | 31-Dec-08 | 0.00012 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00300 | 31-Mar-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00300 | 30-Jun-08 | 0.000667 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00300 | 31-Aug-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00300 | 31-Dec-08 | 0.00012 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00400 | 31-Mar-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00400 | 30-Jun-08 | 0.000667 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00400 | 31-Aug-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00400 | 31-Dec-08 | 0.00012 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00530 | 31-Mar-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00530 | 30-Jun-08 | 0.000667 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00530 | 31-Aug-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00530 | 31-Dec-08 | 0.00012 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00610 | 31-Mar-08 | 0.000645 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------------|----------|------|------|-------|-----------|-----------|
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00610 | 30-Jun-08 | 0.000667 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00610 | 31-Aug-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 00610 | 31-Dec-08 | 0.00012 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01330 | 31-Jan-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01330 | 29-Feb-08 | 0.000689 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01330 | 31-Mar-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01330 | 30-Apr-08 | 0.000667 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01330 | 31-May-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01330 | 30-Jun-08 | 0.000667 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01330 | 31-Jul-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01330 | 31-Aug-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01330 | 30-Sep-08 | 0.000667 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01330 | 31-Oct-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01330 | 30-Nov-08 | 0.00012 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01330 | 31-Dec-08 | 0.00012 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01350 | 31-Jan-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01350 | 29-Feb-08 | 0.000689 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01350 | 31-Mar-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01350 | 30-Apr-08 | 0.000667 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01350 | 31-May-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01350 | 30-Jun-08 | 0.000667 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01350 | 31-Jul-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01350 | 31-Aug-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01350 | 30-Sep-08 | 0.000667 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01350 | 31-Oct-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01350 | 30-Nov-08 | 0.00012 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 01350 | 31-Dec-08 | 0.00012 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 31616 | 30-Jun-08 | 0.000667 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 31616 | 31-Aug-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 50060 | 30-Jun-08 | 0.000667 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 50060 | 31-Aug-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 80082 | 31-Mar-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 80082 | 30-Jun-08 | 0.000667 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 80082 | 31-Aug-08 | 0.000645 |
| FQ2 | OH0137391 | Sugar Grove Bible Church * | , OH | 001 | 1 | 80082 | 31-Dec-08 | 0.00012 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 010 | 1 | 00056 | 31-Oct-08 | 0.00077 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 010 | 1 | 00310 | 31-Oct-08 | 0.00077 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 010 | 1 | 00335 | 31-Oct-08 | 0.00077 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 010 | 1 | 00400 | 31-Oct-08 | 0.00077 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 010 | 1 | 00530 | 31-Oct-08 | 0.00077 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 010 | 1 | 00552 | 31-Oct-08 | 0.00077 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 010 | 1 | 00610 | 31-Oct-08 | 0.00077 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--------------------|----------|------|------|-------|-----------|-----------|
| FQ2 | OH0137812 | Cognis Corporation | , OH | 010 | 1 | 00665 | 31-Oct-08 | 0.00077 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 010 | 1 | 01042 | 31-Oct-08 | 0.00077 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 010 | 1 | 01067 | 31-Oct-08 | 0.00077 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 010 | 1 | 01092 | 31-Oct-08 | 0.00077 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00056 | 31-May-08 | 0.037303 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00056 | 31-Aug-08 | 0.096127 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00056 | 30-Nov-08 | 0.000837 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00310 | 31-May-08 | 0.037303 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00310 | 31-Aug-08 | 0.096127 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00310 | 30-Nov-08 | 0.000837 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00335 | 31-May-08 | 0.037303 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00335 | 31-Aug-08 | 0.096127 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00335 | 30-Nov-08 | 0.000837 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00400 | 31-May-08 | 0.037303 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00400 | 31-Aug-08 | 0.096127 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00400 | 30-Nov-08 | 0.000837 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00530 | 31-May-08 | 0.037303 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00530 | 31-Aug-08 | 0.096127 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00530 | 30-Nov-08 | 0.000837 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00552 | 31-May-08 | 0.037303 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00552 | 31-Aug-08 | 0.096127 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00552 | 30-Nov-08 | 0.000837 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00610 | 31-May-08 | 0.037303 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00610 | 31-Aug-08 | 0.096127 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00610 | 30-Nov-08 | 0.000837 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00665 | 31-May-08 | 0.037303 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00665 | 31-Aug-08 | 0.096127 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 00665 | 30-Nov-08 | 0.000837 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 01042 | 31-May-08 | 0.037303 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 01042 | 31-Aug-08 | 0.096127 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 01042 | 30-Nov-08 | 0.000837 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 01067 | 31-May-08 | 0.037303 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 01067 | 31-Aug-08 | 0.096127 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 01067 | 30-Nov-08 | 0.000837 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 01092 | 31-May-08 | 0.037303 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 01092 | 31-Aug-08 | 0.096127 |
| FQ2 | OH0137812 | Cognis Corporation | , OH | 033 | 1 | 01092 | 30-Nov-08 | 0.000837 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00010 | 29-Feb-08 | 0.00073 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00010 | 31-Mar-08 | 0.00073 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00010 | 30-Apr-08 | 0.00045 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00010 | 31-May-08 | 0.0005 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00010 | 30-Jun-08 | 0.00069 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------|----------|------|------|-------|-----------|-----------|
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00010 | 31-Jul-08 | 0.00068 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00010 | 31-Aug-08 | 0.00088 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00010 | 31-Oct-08 | 0.00052 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00010 | 30-Nov-08 | 0.00037 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00010 | 31-Dec-08 | 0.00044 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00056 | 29-Feb-08 | 0.00073 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00056 | 31-Mar-08 | 0.00073 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00056 | 30-Apr-08 | 0.00045 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00056 | 31-May-08 | 0.0005 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00056 | 30-Jun-08 | 0.00069 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00056 | 31-Jul-08 | 0.00068 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00056 | 31-Aug-08 | 0.00088 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00056 | 31-Oct-08 | 0.00052 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00056 | 30-Nov-08 | 0.00037 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00056 | 31-Dec-08 | 0.00044 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00083 | 29-Feb-08 | 0.00073 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00083 | 31-Mar-08 | 0.00073 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00083 | 30-Apr-08 | 0.00045 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00083 | 31-May-08 | 0.0005 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00083 | 30-Jun-08 | 0.00069 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00083 | 31-Jul-08 | 0.00068 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00083 | 31-Aug-08 | 0.00088 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00083 | 31-Oct-08 | 0.00052 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00083 | 30-Nov-08 | 0.00037 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00083 | 31-Dec-08 | 0.00044 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00300 | 31-Mar-08 | 0.00073 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00300 | 30-Jun-08 | 0.00069 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00300 | 31-Aug-08 | 0.00088 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00300 | 31-Dec-08 | 0.00044 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00400 | 31-Mar-08 | 0.00073 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00400 | 30-Jun-08 | 0.00069 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00400 | 31-Aug-08 | 0.00088 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00400 | 31-Dec-08 | 0.00044 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00530 | 31-Mar-08 | 0.00073 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00530 | 30-Jun-08 | 0.00069 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00530 | 31-Aug-08 | 0.00088 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00530 | 31-Dec-08 | 0.00044 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00610 | 31-Mar-08 | 0.00073 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00610 | 30-Jun-08 | 0.00069 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00610 | 31-Aug-08 | 0.00088 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 00610 | 31-Dec-08 | 0.00044 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01330 | 29-Feb-08 | 0.00073 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--|--------------|------|------|-------|-----------|-----------|
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01330 | 31-Mar-08 | 0.00073 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01330 | 30-Apr-08 | 0.00045 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01330 | 31-May-08 | 0.0005 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01330 | 30-Jun-08 | 0.00069 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01330 | 31-Jul-08 | 0.00068 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01330 | 31-Aug-08 | 0.00088 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01330 | 31-Oct-08 | 0.00052 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01330 | 30-Nov-08 | 0.00037 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01330 | 31-Dec-08 | 0.00044 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01350 | 29-Feb-08 | 0.00073 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01350 | 31-Mar-08 | 0.00073 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01350 | 30-Apr-08 | 0.00045 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01350 | 31-May-08 | 0.0005 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01350 | 30-Jun-08 | 0.00069 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01350 | 31-Jul-08 | 0.00068 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01350 | 31-Aug-08 | 0.00088 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01350 | 31-Oct-08 | 0.00052 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01350 | 30-Nov-08 | 0.00037 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 01350 | 31-Dec-08 | 0.00044 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 31616 | 30-Jun-08 | 0.00069 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 31616 | 31-Aug-08 | 0.00088 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 50060 | 30-Jun-08 | 0.00069 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 50060 | 31-Aug-08 | 0.00088 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 80082 | 31-Mar-08 | 0.00073 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 80082 | 30-Jun-08 | 0.00069 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 80082 | 31-Aug-08 | 0.00088 |
| FQ2 | OH0139599 | Korner Kitchen | , OH | 001 | 1 | 80082 | 31-Dec-08 | 0.00044 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00011 | 31-Jan-08 | 0.105656 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00011 | 29-Feb-08 | 0.132352 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00011 | 31-Mar-08 | 0.123704 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00011 | 30-Apr-08 | 0.111672 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00011 | 31-May-08 | 0.116936 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00011 | 30-Jun-08 | 0.110168 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00011 | 31-Jul-08 | 0.071816 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--|--------------|------|------|-------|-----------|-----------|
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00011 | 31-Aug-08 | 0.15604 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00011 | 30-Sep-08 | 0.104528 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00011 | 31-Oct-08 | 0.074824 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00011 | 30-Nov-08 | 0.059784 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00340 | 31-Mar-08 | 0.123704 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00340 | 30-Jun-08 | 0.110168 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00340 | 30-Sep-08 | 0.104528 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00400 | 31-Jan-08 | 0.105656 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00400 | 29-Feb-08 | 0.132352 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00400 | 31-Mar-08 | 0.123704 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00400 | 30-Apr-08 | 0.111672 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00400 | 31-May-08 | 0.116936 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00400 | 30-Jun-08 | 0.110168 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00400 | 31-Jul-08 | 0.071816 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00400 | 31-Aug-08 | 0.15604 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00400 | 30-Sep-08 | 0.104528 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00400 | 31-Oct-08 | 0.074824 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00400 | 30-Nov-08 | 0.059784 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00530 | 31-Mar-08 | 0.123704 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00530 | 30-Jun-08 | 0.110168 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00530 | 30-Sep-08 | 0.104528 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--|--------------|------|------|-------|-----------|-----------|
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00951 | 31-Mar-08 | 0.123704 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00951 | 30-Jun-08 | 0.110168 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 00951 | 30-Sep-08 | 0.104528 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 01045 | 31-Mar-08 | 0.123704 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 01045 | 30-Jun-08 | 0.110168 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 01045 | 30-Sep-08 | 0.104528 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 01055 | 31-Mar-08 | 0.123704 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 01055 | 30-Jun-08 | 0.110168 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 01055 | 30-Sep-08 | 0.104528 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 01092 | 31-Mar-08 | 0.123704 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 01092 | 30-Jun-08 | 0.110168 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 01092 | 30-Sep-08 | 0.104528 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50050 | 31-Jan-08 | 0.105656 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50050 | 29-Feb-08 | 0.132352 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50050 | 31-Mar-08 | 0.123704 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50050 | 30-Apr-08 | 0.111672 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50050 | 31-May-08 | 0.116936 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50050 | 30-Jun-08 | 0.110168 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50050 | 31-Jul-08 | 0.071816 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50050 | 31-Aug-08 | 0.15604 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50050 | 30-Sep-08 | 0.104528 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--|--------------|------|------|-------|-----------|-----------|
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50050 | 31-Oct-08 | 0.074824 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50050 | 30-Nov-08 | 0.059784 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50060 | 31-Jan-08 | 0.105656 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50060 | 29-Feb-08 | 0.132352 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50060 | 31-Mar-08 | 0.123704 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50060 | 30-Apr-08 | 0.111672 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50060 | 31-May-08 | 0.116936 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50060 | 30-Jun-08 | 0.110168 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50060 | 31-Jul-08 | 0.071816 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50060 | 31-Aug-08 | 0.15604 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50060 | 30-Sep-08 | 0.104528 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50060 | 31-Oct-08 | 0.074824 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 005 | 1 | 50060 | 30-Nov-08 | 0.059784 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00011 | 31-Jan-08 | 0.151522 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00011 | 29-Feb-08 | 0.119875 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00011 | 31-Mar-08 | 0.122752 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00011 | 30-Apr-08 | 0.119875 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00011 | 31-May-08 | 0.48909 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00011 | 30-Jun-08 | 0.473746 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00011 | 31-Jul-08 | 0.63294 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00011 | 31-Aug-08 | 0.800765 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--|--------------|------|------|-------|-----------|-----------|
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00011 | 30-Sep-08 | 0.733635 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00011 | 31-Oct-08 | 0.612801 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00011 | 30-Nov-08 | 0.458402 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00400 | 31-Jan-08 | 0.151522 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00400 | 29-Feb-08 | 0.119875 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00400 | 31-Mar-08 | 0.122752 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00400 | 30-Apr-08 | 0.119875 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00400 | 31-May-08 | 0.48909 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00400 | 30-Jun-08 | 0.473746 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00400 | 31-Jul-08 | 0.63294 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00400 | 31-Aug-08 | 0.800765 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00400 | 30-Sep-08 | 0.733635 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00400 | 31-Oct-08 | 0.612801 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 00400 | 30-Nov-08 | 0.458402 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 01045 | 31-Mar-08 | 0.122752 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 01045 | 30-Jun-08 | 0.473746 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 01045 | 30-Sep-08 | 0.733635 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 01092 | 31-Mar-08 | 0.122752 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 01092 | 30-Jun-08 | 0.473746 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 01092 | 30-Sep-08 | 0.733635 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50050 | 31-Jan-08 | 0.151522 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--|--------------|------|------|-------|-----------|-----------|
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50050 | 29-Feb-08 | 0.119875 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50050 | 31-Mar-08 | 0.122752 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50050 | 30-Apr-08 | 0.119875 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50050 | 31-May-08 | 0.48909 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50050 | 30-Jun-08 | 0.473746 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50050 | 31-Jul-08 | 0.63294 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50050 | 31-Aug-08 | 0.800765 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50050 | 30-Sep-08 | 0.733635 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50050 | 31-Oct-08 | 0.612801 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50050 | 30-Nov-08 | 0.458402 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50060 | 31-Jan-08 | 0.151522 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50060 | 29-Feb-08 | 0.119875 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50060 | 31-Mar-08 | 0.122752 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50060 | 30-Apr-08 | 0.119875 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50060 | 31-May-08 | 0.48909 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50060 | 30-Jun-08 | 0.473746 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50060 | 31-Jul-08 | 0.63294 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50060 | 31-Aug-08 | 0.800765 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50060 | 30-Sep-08 | 0.733635 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50060 | 31-Oct-08 | 0.612801 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 006 | 1 | 50060 | 30-Nov-08 | 0.458402 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--|--------------|------|------|-------|-----------|-----------|
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00011 | 31-Jan-08 | 1.07734 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00011 | 29-Feb-08 | 0.86494 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00011 | 31-Mar-08 | 0.17464 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00011 | 30-Apr-08 | 0.14278 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00011 | 31-May-08 | 0.24308 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00011 | 30-Jun-08 | 0.3127 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00011 | 31-Jul-08 | 0.23836 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00011 | 31-Aug-08 | 0.19824 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00011 | 30-Sep-08 | 0.21004 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00011 | 31-Oct-08 | 0.1475 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00011 | 30-Nov-08 | 0.14514 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00400 | 31-Jan-08 | 1.07734 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00400 | 29-Feb-08 | 0.86494 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00400 | 31-Mar-08 | 0.17464 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00400 | 30-Apr-08 | 0.14278 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00400 | 31-May-08 | 0.24308 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00400 | 30-Jun-08 | 0.3127 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00400 | 31-Jul-08 | 0.23836 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00400 | 31-Aug-08 | 0.19824 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00400 | 30-Sep-08 | 0.21004 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00400 | 31-Oct-08 | 0.1475 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--|--------------|------|------|-------|-----------|-----------|
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 00400 | 30-Nov-08 | 0.14514 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 01045 | 31-Mar-08 | 0.17464 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 01045 | 30-Jun-08 | 0.3127 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 01045 | 30-Sep-08 | 0.21004 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 01092 | 31-Mar-08 | 0.17464 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 01092 | 30-Jun-08 | 0.3127 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 01092 | 30-Sep-08 | 0.21004 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50050 | 31-Jan-08 | 1.07734 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50050 | 29-Feb-08 | 0.86494 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50050 | 31-Mar-08 | 0.17464 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50050 | 30-Apr-08 | 0.14278 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50050 | 31-May-08 | 0.24308 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50050 | 30-Jun-08 | 0.3127 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50050 | 31-Jul-08 | 0.23836 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50050 | 31-Aug-08 | 0.19824 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50050 | 30-Sep-08 | 0.21004 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50050 | 31-Oct-08 | 0.1475 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50050 | 30-Nov-08 | 0.14514 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50060 | 31-Jan-08 | 1.07734 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50060 | 29-Feb-08 | 0.86494 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50060 | 31-Mar-08 | 0.17464 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--|--------------|------|------|-------|-----------|-----------|
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50060 | 30-Apr-08 | 0.14278 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50060 | 31-May-08 | 0.24308 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50060 | 30-Jun-08 | 0.3127 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50060 | 31-Jul-08 | 0.23836 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50060 | 31-Aug-08 | 0.19824 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50060 | 30-Sep-08 | 0.21004 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50060 | 31-Oct-08 | 0.1475 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 008 | 1 | 50060 | 30-Nov-08 | 0.14514 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00011 | 31-Jan-08 | 0.24278 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00011 | 29-Feb-08 | 0.38407 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00011 | 31-Mar-08 | 0.198602 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00011 | 30-Apr-08 | 0.187259 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00011 | 31-May-08 | 0.148056 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00011 | 30-Jun-08 | 0.134524 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00011 | 31-Jul-08 | 0.112435 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00011 | 31-Aug-08 | 0.092336 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00011 | 30-Sep-08 | 0.177906 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00011 | 31-Oct-08 | 0.15323 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00011 | 30-Nov-08 | 0.113231 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00400 | 31-Jan-08 | 0.24278 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00400 | 29-Feb-08 | 0.38407 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--|--------------|------|------|-------|-----------|-----------|
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00400 | 31-Mar-08 | 0.198602 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00400 | 30-Apr-08 | 0.187259 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00400 | 31-May-08 | 0.148056 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00400 | 30-Jun-08 | 0.134524 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00400 | 31-Jul-08 | 0.112435 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00400 | 31-Aug-08 | 0.092336 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00400 | 30-Sep-08 | 0.177906 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00400 | 31-Oct-08 | 0.15323 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00400 | 30-Nov-08 | 0.113231 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00530 | 31-Mar-08 | 0.198602 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00530 | 30-Jun-08 | 0.134524 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00530 | 30-Sep-08 | 0.177906 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00951 | 31-Mar-08 | 0.198602 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00951 | 30-Jun-08 | 0.134524 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 00951 | 30-Sep-08 | 0.177906 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 01045 | 31-Mar-08 | 0.198602 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 01045 | 30-Jun-08 | 0.134524 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 01045 | 30-Sep-08 | 0.177906 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 01092 | 31-Jan-08 | 0.24278 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 01092 | 29-Feb-08 | 0.38407 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 01092 | 31-Mar-08 | 0.198602 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--|--------------|------|------|-------|-----------|-----------|
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 01092 | 30-Apr-08 | 0.187259 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 01092 | 31-May-08 | 0.148056 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 01092 | 30-Jun-08 | 0.134524 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 01092 | 31-Jul-08 | 0.112435 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 01092 | 31-Aug-08 | 0.092336 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 01092 | 30-Sep-08 | 0.177906 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 01092 | 31-Oct-08 | 0.15323 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 01092 | 30-Nov-08 | 0.113231 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50050 | 31-Jan-08 | 0.24278 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50050 | 29-Feb-08 | 0.38407 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50050 | 31-Mar-08 | 0.198602 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50050 | 30-Apr-08 | 0.187259 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50050 | 31-May-08 | 0.148056 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50050 | 30-Jun-08 | 0.134524 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50050 | 31-Jul-08 | 0.112435 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50050 | 31-Aug-08 | 0.092336 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50050 | 30-Sep-08 | 0.177906 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50050 | 31-Oct-08 | 0.15323 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50050 | 30-Nov-08 | 0.113231 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50060 | 31-Jan-08 | 0.24278 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50060 | 29-Feb-08 | 0.38407 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--|-------------------|------|------|-------|-----------|-----------|
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50060 | 31-Mar-08 | 0.198602 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50060 | 30-Apr-08 | 0.187259 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50060 | 31-May-08 | 0.148056 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50060 | 30-Jun-08 | 0.134524 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50060 | 31-Jul-08 | 0.112435 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50060 | 31-Aug-08 | 0.092336 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50060 | 30-Sep-08 | 0.177906 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50060 | 31-Oct-08 | 0.15323 |
| FQ2 | PA0094510 | US Steel Corp - Mon Valley Works - Edgar Thomson | Braddock, PA | 009 | 1 | 50060 | 30-Nov-08 | 0.113231 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 00010 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 00010 | 31-Aug-08 | 3.58 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 00070 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 00070 | 31-Aug-08 | 3.58 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 00080 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 00080 | 31-Aug-08 | 3.58 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 00300 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 00300 | 31-Aug-08 | 3.58 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 00310 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 00310 | 31-Aug-08 | 3.58 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 00400 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 00400 | 31-Aug-08 | 3.58 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 00545 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 00545 | 31-Aug-08 | 3.58 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 00556 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 00556 | 31-Aug-08 | 3.58 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 00610 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 00610 | 31-Aug-08 | 3.58 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 00665 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 00665 | 31-Aug-08 | 3.58 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 00951 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 00951 | 31-Aug-08 | 3.58 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 01042 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 01042 | 31-Aug-08 | 3.58 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------------|-------------------|------|------|-------|-----------|-----------|
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 01051 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 01051 | 31-Aug-08 | 3.58 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 01092 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 01092 | 31-Aug-08 | 3.58 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 03615 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 03615 | 31-Aug-08 | 3.58 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 30500 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 30500 | 31-Aug-08 | 3.58 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 32730 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 32730 | 31-Aug-08 | 3.58 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 34586 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 34586 | 31-Aug-08 | 3.58 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 34601 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 34601 | 31-Aug-08 | 3.58 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 34606 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 34606 | 31-Aug-08 | 3.58 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 34616 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 34616 | 31-Aug-08 | 3.58 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 34621 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 34621 | 31-Aug-08 | 3.58 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 38260 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 38260 | 31-Aug-08 | 3.58 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 39032 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 39032 | 31-Aug-08 | 3.58 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 46000 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 46000 | 31-Aug-08 | 3.58 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 50050 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 50050 | 31-Aug-08 | 3.58 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 50060 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 50060 | 31-Aug-08 | 3.58 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 70300 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 70300 | 31-Aug-08 | 3.58 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 71900 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 71900 | 31-Aug-08 | 3.58 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 74055 | 31-May-08 | 2.93 |
| FQ2 | PR0022411 | Prasa WTP Sergio Cuevas | Trujillo Alto, PR | 001 | 1 | 74055 | 31-Aug-08 | 3.58 |
| FQ2 | PR0023990 | Prasa WTP Miradero Filter PLT | Mayaguez, PR | 001 | 1 | 00010 | 31-May-08 | 1.882 |
| FQ2 | PR0023990 | Prasa WTP Miradero Filter PLT | Mayaguez, PR | 001 | 1 | 00070 | 31-May-08 | 1.882 |
| FQ2 | PR0023990 | Prasa WTP Miradero Filter PLT | Mayaguez, PR | 001 | 1 | 00080 | 31-May-08 | 1.882 |
| FQ2 | PR0023990 | Prasa WTP Miradero Filter PLT | Mayaguez, PR | 001 | 1 | 00300 | 31-May-08 | 1.882 |
| FQ2 | PR0023990 | Prasa WTP Miradero Filter PLT | Mayaguez, PR | 001 | 1 | 00310 | 31-May-08 | 1.882 |
| FQ2 | PR0023990 | Prasa WTP Miradero Filter PLT | Mayaguez, PR | 001 | 1 | 00400 | 31-May-08 | 1.882 |

Table B-2. Corrections Made to DMRLoads2008

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------------|----------------------------|------|------|-------|-----------|-----------|
| FQ2 | PR0023990 | Prasa WTP Miradero Filter PLT | Mayaguez, PR | 001 | 1 | 00545 | 31-May-08 | 1.882 |
| FQ2 | PR0023990 | Prasa WTP Miradero Filter PLT | Mayaguez, PR | 001 | 1 | 00609 | 31-May-08 | 1.882 |
| FQ2 | PR0023990 | Prasa WTP Miradero Filter PLT | Mayaguez, PR | 001 | 1 | 00665 | 31-May-08 | 1.882 |
| FQ2 | PR0023990 | Prasa WTP Miradero Filter PLT | Mayaguez, PR | 001 | 1 | 00745 | 31-May-08 | 1.882 |
| FQ2 | PR0023990 | Prasa WTP Miradero Filter PLT | Mayaguez, PR | 001 | 1 | 00951 | 31-May-08 | 1.882 |
| FQ2 | PR0023990 | Prasa WTP Miradero Filter PLT | Mayaguez, PR | 001 | 1 | 01042 | 31-May-08 | 1.882 |
| FQ2 | PR0023990 | Prasa WTP Miradero Filter PLT | Mayaguez, PR | 001 | 1 | 01051 | 31-May-08 | 1.882 |
| FQ2 | PR0023990 | Prasa WTP Miradero Filter PLT | Mayaguez, PR | 001 | 1 | 01092 | 31-May-08 | 1.882 |
| FQ2 | PR0023990 | Prasa WTP Miradero Filter PLT | Mayaguez, PR | 001 | 1 | 30500 | 31-May-08 | 1.882 |
| FQ2 | PR0023990 | Prasa WTP Miradero Filter PLT | Mayaguez, PR | 001 | 1 | 32730 | 31-May-08 | 1.882 |
| FQ2 | PR0023990 | Prasa WTP Miradero Filter PLT | Mayaguez, PR | 001 | 1 | 50050 | 31-May-08 | 1.882 |
| FQ2 | PR0023990 | Prasa WTP Miradero Filter PLT | Mayaguez, PR | 001 | 1 | 50060 | 31-May-08 | 1.882 |
| FQ2 | PR0023990 | Prasa WTP Miradero Filter PLT | Mayaguez, PR | 001 | 1 | 70300 | 31-May-08 | 1.882 |
| FQ2 | PR0023990 | Prasa WTP Miradero Filter PLT | Mayaguez, PR | 001 | 1 | 74055 | 31-May-08 | 1.882 |
| FQ2 | TN0064467 | Dowell TOWN-Liberty WTP | Liberty, Dekalb County, TN | 001 | 1 | 00400 | 31-Jan-08 | 0.004667 |
| FQ2 | TN0064467 | Dowell TOWN-Liberty WTP | Liberty, Dekalb County, TN | 001 | 1 | 00400 | 31-Mar-08 | 0.004761 |
| FQ2 | TN0064467 | Dowell TOWN-Liberty WTP | Liberty, Dekalb County, TN | 001 | 1 | 00400 | 31-May-08 | 0.004823 |
| FQ2 | TN0064467 | Dowell TOWN-Liberty WTP | Liberty, Dekalb County, TN | 001 | 1 | 00530 | 31-Jan-08 | 0.004667 |
| FQ2 | TN0064467 | Dowell TOWN-Liberty WTP | Liberty, Dekalb County, TN | 001 | 1 | 00530 | 31-Mar-08 | 0.004761 |
| FQ2 | TN0064467 | Dowell TOWN-Liberty WTP | Liberty, Dekalb County, TN | 001 | 1 | 00530 | 31-May-08 | 0.004823 |
| FQ2 | TN0064467 | Dowell TOWN-Liberty WTP | Liberty, Dekalb County, TN | 001 | 1 | 00545 | 31-Jan-08 | 0.004667 |
| FQ2 | TN0064467 | Dowell TOWN-Liberty WTP | Liberty, Dekalb County, TN | 001 | 1 | 00545 | 31-Mar-08 | 0.004761 |
| FQ2 | TN0064467 | Dowell TOWN-Liberty WTP | Liberty, Dekalb County, TN | 001 | 1 | 00545 | 31-May-08 | 0.004823 |
| FQ2 | TN0064467 | Dowell TOWN-Liberty WTP | Liberty, Dekalb County, TN | 001 | 1 | 01105 | 31-Jan-08 | 0.004667 |
| FQ2 | TN0064467 | Dowell TOWN-Liberty WTP | Liberty, Dekalb County, TN | 001 | 1 | 01105 | 31-Mar-08 | 0.004761 |
| FQ2 | TN0064467 | Dowell TOWN-Liberty WTP | Liberty, Dekalb County, TN | 001 | 1 | 01105 | 31-May-08 | 0.004823 |
| FQ2 | TN0064467 | Dowell TOWN-Liberty WTP | Liberty, Dekalb County, TN | 001 | 1 | 50050 | 31-Jan-08 | 0.004667 |
| FQ2 | TN0064467 | Dowell TOWN-Liberty WTP | Liberty, Dekalb County, TN | 001 | 1 | 50050 | 31-Mar-08 | 0.004761 |
| FQ2 | TN0064467 | Dowell TOWN-Liberty WTP | Liberty, Dekalb County, TN | 001 | 1 | 50050 | 31-May-08 | 0.004823 |
| FQ2 | TN0064467 | Dowell TOWN-Liberty WTP | Liberty, Dekalb County, TN | 001 | 1 | 50060 | 31-Jan-08 | 0.004667 |
| FQ2 | TN0064467 | Dowell TOWN-Liberty WTP | Liberty, Dekalb County, TN | 001 | 1 | 50060 | 31-Mar-08 | 0.004761 |
| FQ2 | TN0064467 | Dowell TOWN-Liberty WTP | Liberty, Dekalb County, TN | 001 | 1 | 50060 | 31-May-08 | 0.004823 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 00400 | 31-Jan-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 00400 | 29-Feb-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 00400 | 31-Mar-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 00400 | 30-Apr-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 00400 | 31-May-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 00400 | 30-Jun-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 00400 | 31-Jul-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 00530 | 31-Jan-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 00530 | 29-Feb-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 00530 | 31-Mar-08 | 0.0005 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|-----------------|------|------|-------|-----------|-------------|
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 00530 | 30-Apr-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 00530 | 31-May-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 00530 | 30-Jun-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 00530 | 31-Jul-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 00545 | 31-Jan-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 00545 | 29-Feb-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 00545 | 31-Mar-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 00545 | 30-Apr-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 00545 | 31-May-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 00545 | 30-Jun-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 00545 | 31-Jul-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 01045 | 31-Jan-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 01045 | 29-Feb-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 01045 | 31-Mar-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 01045 | 30-Apr-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 01045 | 31-May-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 01045 | 30-Jun-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 01045 | 31-Jul-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 01105 | 31-Jan-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 01105 | 29-Feb-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 01105 | 31-Mar-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 01105 | 30-Apr-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 01105 | 31-May-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 01105 | 30-Jun-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 01105 | 31-Jul-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 50050 | 31-Jan-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 50050 | 29-Feb-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 50050 | 31-Mar-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 50050 | 30-Apr-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 50050 | 31-May-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 50050 | 30-Jun-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 50050 | 31-Jul-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 50060 | 31-Jan-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 50060 | 29-Feb-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 50060 | 31-Mar-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 50060 | 30-Apr-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 50060 | 31-May-08 | 0.0005 |
| FQ2 | TN0079006 | Sparta Water Treatment Plant | Sparta, TN | 001 | 1 | 50060 | 30-Jun-08 | 0.0005 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00300 | 31-Jan-08 | 0.0745 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00300 | 29-Feb-08 | 0.785 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00300 | 31-Mar-08 | 0.081806 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00300 | 30-Apr-08 | 9.2677e-005 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------------|-----------------|------|------|-------|-----------|-------------|
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00300 | 31-May-08 | 0.088045 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00300 | 30-Jun-08 | 0.071263 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00300 | 31-Jul-08 | 0.0963 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00300 | 31-Aug-08 | 0.02621 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00300 | 30-Sep-08 | 0.028456 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00300 | 31-Oct-08 | 0.039032 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00300 | 30-Nov-08 | 6.356e-005 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00300 | 31-Dec-08 | 0.0617 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00310 | 31-Jan-08 | 0.0745 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00310 | 29-Feb-08 | 0.785 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00310 | 31-Mar-08 | 0.081806 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00310 | 30-Apr-08 | 9.2677e-005 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00310 | 31-May-08 | 0.088045 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00310 | 30-Jun-08 | 0.071263 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00310 | 31-Jul-08 | 0.0963 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00310 | 31-Aug-08 | 0.02621 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00310 | 30-Sep-08 | 0.028456 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00310 | 31-Oct-08 | 0.039032 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00310 | 30-Nov-08 | 6.356e-005 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00310 | 31-Dec-08 | 0.0617 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00400 | 31-Jan-08 | 0.0745 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00400 | 29-Feb-08 | 0.785 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00400 | 31-Mar-08 | 0.081806 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00400 | 30-Apr-08 | 9.2677e-005 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00400 | 31-May-08 | 0.088045 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00400 | 30-Jun-08 | 0.071263 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00400 | 31-Jul-08 | 0.0963 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00400 | 31-Aug-08 | 0.02621 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00400 | 30-Sep-08 | 0.028456 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00400 | 31-Oct-08 | 0.039032 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00400 | 30-Nov-08 | 6.356e-005 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00400 | 31-Dec-08 | 0.0617 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00530 | 31-Jan-08 | 0.0745 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00530 | 29-Feb-08 | 0.785 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00530 | 31-Mar-08 | 0.081806 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00530 | 30-Apr-08 | 9.2677e-005 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00530 | 31-May-08 | 0.088045 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00530 | 30-Jun-08 | 0.071263 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00530 | 31-Jul-08 | 0.0963 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00530 | 31-Aug-08 | 0.02621 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00530 | 30-Sep-08 | 0.028456 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00530 | 31-Oct-08 | 0.039032 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------------|-------------------|------|------|-------|-----------|-------------|
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00530 | 30-Nov-08 | 6.356e-005 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 00530 | 31-Dec-08 | 0.0617 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50050 | 31-Jan-08 | 0.0745 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50050 | 29-Feb-08 | 0.785 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50050 | 31-Mar-08 | 0.081806 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50050 | 30-Apr-08 | 9.2677e-005 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50050 | 31-May-08 | 0.088045 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50050 | 30-Jun-08 | 0.071263 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50050 | 31-Jul-08 | 0.0963 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50050 | 31-Aug-08 | 0.02621 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50050 | 30-Sep-08 | 0.028456 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50050 | 31-Oct-08 | 0.039032 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50050 | 30-Nov-08 | 6.356e-005 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50050 | 31-Dec-08 | 0.0617 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50060 | 31-Jan-08 | 0.0745 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50060 | 29-Feb-08 | 0.785 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50060 | 31-Mar-08 | 0.081806 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50060 | 30-Apr-08 | 9.2677e-005 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50060 | 31-May-08 | 0.088045 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50060 | 30-Jun-08 | 0.071263 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50060 | 31-Jul-08 | 0.0963 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50060 | 31-Aug-08 | 0.02621 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50060 | 30-Sep-08 | 0.028456 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50060 | 31-Oct-08 | 0.039032 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50060 | 30-Nov-08 | 6.356e-005 |
| FQ2 | TX0056821 | Bayview Detention Ctr WWTF | Los Fresnos, TX | 001 | 1 | 50060 | 31-Dec-08 | 0.0617 |
| FQ2 | TX0081299 | Holiday Motel WWTF | Cleveland, TX | 001 | 1 | 00300 | 31-Jul-08 | 0.000576 |
| FQ2 | TX0081299 | Holiday Motel WWTF | Cleveland, TX | 001 | 1 | 00400 | 31-Jul-08 | 0.000576 |
| FQ2 | TX0081299 | Holiday Motel WWTF | Cleveland, TX | 001 | 1 | 00530 | 31-Jul-08 | 0.000576 |
| FQ2 | TX0081299 | Holiday Motel WWTF | Cleveland, TX | 001 | 1 | 00610 | 31-Jul-08 | 0.000576 |
| FQ2 | TX0081299 | Holiday Motel WWTF | Cleveland, TX | 001 | 1 | 50050 | 31-Jul-08 | 0.000576 |
| FQ2 | TX0081299 | Holiday Motel WWTF | Cleveland, TX | 001 | 1 | 50060 | 31-Jul-08 | 0.000576 |
| FQ2 | TX0081299 | Holiday Motel WWTF | Cleveland, TX | 001 | 1 | 80082 | 31-Jul-08 | 0.000576 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00058 | 31-Jan-08 | 2e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00058 | 31-Mar-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00058 | 30-Apr-08 | 6.86e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00058 | 31-May-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00058 | 30-Jun-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00058 | 31-Jul-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00058 | 31-Dec-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00400 | 31-Jan-08 | 2e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00400 | 31-Mar-08 | 1e-005 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------|-------------------|------|------|-------|-----------|-----------|
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00400 | 30-Apr-08 | 6.86e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00400 | 31-May-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00400 | 30-Jun-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00400 | 31-Jul-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00400 | 31-Dec-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00530 | 31-Jan-08 | 2e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00530 | 31-Mar-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00530 | 30-Apr-08 | 6.86e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00530 | 31-May-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00530 | 30-Jun-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00530 | 31-Jul-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00530 | 31-Dec-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00545 | 31-Jan-08 | 2e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00545 | 31-Mar-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00545 | 30-Apr-08 | 6.86e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00545 | 31-May-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00545 | 30-Jun-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00545 | 31-Jul-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 00545 | 31-Dec-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01045 | 31-Jan-08 | 2e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01045 | 31-Mar-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01045 | 30-Apr-08 | 6.86e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01045 | 31-May-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01045 | 30-Jun-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01045 | 31-Jul-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01045 | 31-Dec-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01055 | 31-Jan-08 | 2e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01055 | 31-Mar-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01055 | 30-Apr-08 | 6.86e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01055 | 31-May-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01055 | 30-Jun-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01055 | 31-Jul-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01055 | 31-Dec-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01105 | 31-Jan-08 | 2e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01105 | 31-Mar-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01105 | 30-Apr-08 | 6.86e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01105 | 31-May-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01105 | 30-Jun-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01105 | 31-Jul-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01105 | 31-Dec-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01106 | 31-Jan-08 | 2e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01106 | 31-Mar-08 | 1e-005 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------|-------------------|------|------|-------|-----------|-----------|
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01106 | 30-Apr-08 | 6.86e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01106 | 31-May-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01106 | 30-Jun-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01106 | 31-Jul-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 001 | 1 | 01106 | 31-Dec-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00058 | 31-Jan-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00058 | 31-Mar-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00058 | 30-Apr-08 | 0.0035 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00058 | 31-May-08 | 0.0037 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00058 | 30-Jun-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00058 | 31-Jul-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00058 | 31-Aug-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00058 | 30-Sep-08 | 0.001 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00058 | 30-Nov-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00058 | 31-Dec-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00400 | 31-Jan-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00400 | 31-Mar-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00400 | 30-Apr-08 | 0.0035 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00400 | 31-May-08 | 0.0037 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00400 | 30-Jun-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00400 | 31-Jul-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00400 | 31-Aug-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00400 | 30-Sep-08 | 0.001 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00400 | 30-Nov-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00400 | 31-Dec-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00530 | 31-Jan-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00530 | 31-Mar-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00530 | 30-Apr-08 | 0.0035 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00530 | 31-May-08 | 0.0037 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00530 | 30-Jun-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00530 | 31-Jul-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00530 | 31-Aug-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00530 | 30-Sep-08 | 0.001 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00530 | 30-Nov-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00530 | 31-Dec-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00545 | 31-Jan-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00545 | 31-Mar-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00545 | 30-Apr-08 | 0.0035 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00545 | 31-May-08 | 0.0037 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00545 | 30-Jun-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00545 | 31-Jul-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00545 | 31-Aug-08 | 0.0015 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------|-------------------|------|------|-------|-----------|-----------|
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00545 | 30-Sep-08 | 0.001 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00545 | 30-Nov-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00545 | 31-Dec-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00981 | 31-Jan-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00981 | 31-Mar-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00981 | 30-Apr-08 | 0.0035 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00981 | 31-May-08 | 0.0037 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00981 | 30-Jun-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00981 | 31-Jul-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00981 | 31-Aug-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00981 | 30-Sep-08 | 0.001 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00981 | 30-Nov-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 00981 | 31-Dec-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01045 | 31-Jan-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01045 | 31-Mar-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01045 | 30-Apr-08 | 0.0035 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01045 | 31-May-08 | 0.0037 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01045 | 30-Jun-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01045 | 31-Jul-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01045 | 31-Aug-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01045 | 30-Sep-08 | 0.001 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01045 | 30-Nov-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01045 | 31-Dec-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01055 | 31-Jan-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01055 | 31-Mar-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01055 | 30-Apr-08 | 0.0035 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01055 | 31-May-08 | 0.0037 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01055 | 30-Jun-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01055 | 31-Jul-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01055 | 31-Aug-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01055 | 30-Sep-08 | 0.001 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01055 | 30-Nov-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01055 | 31-Dec-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01105 | 31-Jan-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01105 | 31-Mar-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01105 | 30-Apr-08 | 0.0035 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01105 | 31-May-08 | 0.0037 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01105 | 30-Jun-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01105 | 31-Jul-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01105 | 31-Aug-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01105 | 30-Sep-08 | 0.001 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01105 | 30-Nov-08 | 0.0015 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------|-------------------|------|------|-------|-----------|-----------|
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01105 | 31-Dec-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01106 | 31-Jan-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01106 | 31-Mar-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01106 | 30-Apr-08 | 0.0035 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01106 | 31-May-08 | 0.0037 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01106 | 30-Jun-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01106 | 31-Jul-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01106 | 31-Aug-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01106 | 30-Sep-08 | 0.001 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01106 | 30-Nov-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 002 | 1 | 01106 | 31-Dec-08 | 0.0015 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00058 | 31-Jan-08 | 0.000145 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00058 | 31-Mar-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00058 | 30-Apr-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00058 | 31-May-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00058 | 30-Jun-08 | 0.000115 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00058 | 31-Jul-08 | 5e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00058 | 31-Aug-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00058 | 31-Dec-08 | 0.0001 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00400 | 31-Jan-08 | 0.000145 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00400 | 31-Mar-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00400 | 30-Apr-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00400 | 31-May-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00400 | 30-Jun-08 | 0.000115 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00400 | 31-Jul-08 | 5e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00400 | 31-Aug-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00400 | 31-Dec-08 | 0.0001 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00530 | 31-Jan-08 | 0.000145 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00530 | 31-Mar-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00530 | 30-Apr-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00530 | 31-May-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00530 | 30-Jun-08 | 0.000115 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00530 | 31-Jul-08 | 5e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00530 | 31-Aug-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00530 | 31-Dec-08 | 0.0001 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00545 | 31-Jan-08 | 0.000145 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00545 | 31-Mar-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00545 | 30-Apr-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00545 | 31-May-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00545 | 30-Jun-08 | 0.000115 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00545 | 31-Jul-08 | 5e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00545 | 31-Aug-08 | 1e-005 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------|-------------------|------|------|-------|-----------|-----------|
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00545 | 31-Dec-08 | 0.0001 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00900 | 31-Jan-08 | 0.000145 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00900 | 31-Mar-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00900 | 30-Apr-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00900 | 31-May-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00900 | 30-Jun-08 | 0.000115 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00900 | 31-Jul-08 | 5e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00900 | 31-Aug-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00900 | 31-Dec-08 | 0.0001 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00978 | 31-Jan-08 | 0.000145 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00978 | 31-Jan-08 | 0.000145 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00978 | 31-Mar-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00978 | 31-Mar-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00978 | 31-May-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00978 | 30-Jun-08 | 0.000115 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00978 | 31-Aug-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00978 | 31-Aug-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00978 | 31-Dec-08 | 0.0001 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00982 | 31-Jan-08 | 0.000145 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00982 | 31-Mar-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00982 | 31-May-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00982 | 30-Jun-08 | 0.000115 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00982 | 31-Aug-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 00982 | 31-Dec-08 | 0.0001 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01022 | 31-Jan-08 | 0.000145 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01022 | 31-Mar-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01022 | 31-May-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01022 | 30-Jun-08 | 0.000115 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01022 | 31-Aug-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01022 | 31-Dec-08 | 0.0001 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01027 | 31-Jan-08 | 0.000145 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01027 | 31-Mar-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01027 | 31-May-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01027 | 30-Jun-08 | 0.000115 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01027 | 31-Aug-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01027 | 31-Dec-08 | 0.0001 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01042 | 31-Jan-08 | 0.000145 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01042 | 31-Mar-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01042 | 31-May-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01042 | 30-Jun-08 | 0.000115 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01042 | 31-Aug-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01042 | 31-Dec-08 | 0.0001 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------|-------------------|------|------|-------|-----------|-----------|
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01045 | 31-Jan-08 | 0.000145 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01045 | 31-Mar-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01045 | 30-Apr-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01045 | 31-May-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01045 | 30-Jun-08 | 0.000115 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01045 | 31-Jul-08 | 5e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01045 | 31-Aug-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01045 | 31-Dec-08 | 0.0001 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01049 | 31-Jan-08 | 0.000145 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01049 | 31-Mar-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01049 | 31-May-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01049 | 30-Jun-08 | 0.000115 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01049 | 31-Aug-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01049 | 31-Dec-08 | 0.0001 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01055 | 31-Jan-08 | 0.000145 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01055 | 31-Mar-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01055 | 30-Apr-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01055 | 31-May-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01055 | 30-Jun-08 | 0.000115 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01055 | 31-Jul-08 | 5e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01055 | 31-Aug-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01055 | 31-Dec-08 | 0.0001 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01067 | 31-Jan-08 | 0.000145 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01067 | 31-Mar-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01067 | 31-May-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01067 | 30-Jun-08 | 0.000115 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01067 | 31-Aug-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01067 | 31-Dec-08 | 0.0001 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01077 | 31-Jan-08 | 0.000145 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01077 | 31-Mar-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01077 | 31-May-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01077 | 30-Jun-08 | 0.000115 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01077 | 31-Aug-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01077 | 31-Dec-08 | 0.0001 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01092 | 31-Jan-08 | 0.000145 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01092 | 31-Mar-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01092 | 31-May-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01092 | 30-Jun-08 | 0.000115 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01092 | 31-Aug-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01092 | 31-Dec-08 | 0.0001 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01097 | 31-Jan-08 | 0.000145 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01097 | 31-Mar-08 | 0.00012 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------|-------------------|------|------|-------|-----------|-------------------|
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01097 | 31-May-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01097 | 30-Jun-08 | 0.000115 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01097 | 31-Aug-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01097 | 31-Dec-08 | 0.0001 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01105 | 31-Jan-08 | 0.000145 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01105 | 31-Mar-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01105 | 30-Apr-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01105 | 31-May-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01105 | 30-Jun-08 | 0.000115 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01105 | 31-Jul-08 | 5e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01105 | 31-Aug-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01105 | 31-Dec-08 | 0.0001 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01106 | 31-Jan-08 | 0.000145 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01106 | 31-Mar-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01106 | 30-Apr-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01106 | 31-May-08 | 0.00012 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01106 | 30-Jun-08 | 0.000115 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01106 | 31-Jul-08 | 5e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01106 | 31-Aug-08 | 1e-005 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 004 | 1 | 01106 | 31-Dec-08 | 0.0001 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 00300 | 31-Mar-08 | 2.7846291111e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 00300 | 31-May-08 | 2.0884718064e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 00300 | 30-Sep-08 | 2.7846291111e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 00300 | 31-Dec-08 | 2.7846291111e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 00310 | 31-Mar-08 | 2.7846291111e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 00310 | 31-May-08 | 2.0884718064e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 00310 | 30-Sep-08 | 2.7846291111e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 00310 | 31-Dec-08 | 2.7846291111e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 00400 | 31-Mar-08 | 2.7846291111e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 00400 | 31-May-08 | 2.0884718064e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 00400 | 30-Sep-08 | 2.7846291111e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 00400 | 31-Dec-08 | 2.7846291111e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 00530 | 31-Mar-08 | 2.7846291111e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 00530 | 31-May-08 | 2.0884718064e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 00530 | 30-Sep-08 | 2.7846291111e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 00530 | 31-Dec-08 | 2.7846291111e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 00610 | 31-Mar-08 | 2.7846291111e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 00610 | 30-Sep-08 | 2.7846291111e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 00610 | 31-Dec-08 | 2.7846291111e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 00625 | 31-Mar-08 | 2.7846291111e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 00625 | 31-May-08 | 2.0884718064e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 00625 | 30-Sep-08 | 2.7846291111e-006 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---|-------------------|------|------|-------|-----------|-------------------|
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 00625 | 31-Dec-08 | 2.7846291111e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 50050 | 31-Mar-08 | 2.7846291111e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 50050 | 31-May-08 | 2.0884718064e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 50050 | 30-Sep-08 | 2.7846291111e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 50050 | 31-Dec-08 | 2.7846291111e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 50060 | 31-Mar-08 | 2.7846291111e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 50060 | 31-May-08 | 2.0884718064e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 50060 | 30-Sep-08 | 2.7846291111e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 50060 | 31-Dec-08 | 2.7846291111e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 74055 | 31-Mar-08 | 2.7846291111e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 74055 | 31-May-08 | 2.0884718064e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 74055 | 30-Sep-08 | 2.7846291111e-006 |
| FQ2 | WV0050717 | Upshur Property, Inc | Tallmansville, WV | 402 | 1 | 74055 | 31-Dec-08 | 2.7846291111e-006 |
| LIMIT_SET | IN0023183 | Indianapolis Belmont and Southport ADVNC D WTP | Indianapolis, IN | 006 | 1 | 00300 | 31-Jan-08 | 1 |
| LIMIT_SET | IN0023183 | Indianapolis Belmont and Southport ADVNC D WTP | Indianapolis, IN | 006 | 1 | 00300 | 28-Feb-08 | 1 |
| LIMIT_SET | IN0023183 | Indianapolis Belmont and Southport ADVNC D WTP | Indianapolis, IN | 006 | 1 | 00300 | 31-Mar-08 | 1 |
| LIMIT_SET | IN0023183 | Indianapolis Belmont and Southport ADVNC D WTP | Indianapolis, IN | 006 | 1 | 00300 | 30-Apr-08 | 1 |
| LIMIT_SET | IN0023183 | Indianapolis Belmont and Southport ADVNC D WTP | Indianapolis, IN | 006 | 1 | 00300 | 31-Dec-08 | 1 |
| LIMIT_SET | IN0023183 | Indianapolis Belmont and Southport ADVNC D WTP | Indianapolis, IN | 006 | 1 | 00530 | 31-Jan-08 | 1 |
| LIMIT_SET | IN0023183 | Indianapolis Belmont and Southport ADVNC D WTP | Indianapolis, IN | 006 | 1 | 00530 | 28-Feb-08 | 1 |
| LIMIT_SET | IN0023183 | Indianapolis Belmont and Southport ADVNC D WTP | Indianapolis, IN | 006 | 1 | 00530 | 31-Mar-08 | 1 |
| LIMIT_SET | IN0023183 | Indianapolis Belmont and Southport ADVNC D WTP | Indianapolis, IN | 006 | 1 | 00530 | 30-Apr-08 | 1 |
| LIMIT_SET | IN0023183 | Indianapolis Belmont and Southport ADVNC D WTP | Indianapolis, IN | 006 | 1 | 00530 | 31-Dec-08 | 1 |
| LIMIT_SET | IN0023183 | Indianapolis Belmont and Southport ADVNC D WTP | Indianapolis, IN | 006 | 1 | 00610 | 31-Jan-08 | 1 |
| LIMIT_SET | IN0023183 | Indianapolis Belmont and Southport ADVNC D WTP | Indianapolis, IN | 006 | 1 | 00610 | 28-Feb-08 | 1 |
| LIMIT_SET | IN0023183 | Indianapolis Belmont and Southport ADVNC D WTP | Indianapolis, IN | 006 | 1 | 00610 | 31-Mar-08 | 1 |
| LIMIT_SET | IN0023183 | Indianapolis Belmont and Southport ADVNC D WTP | Indianapolis, IN | 006 | 1 | 00610 | 30-Apr-08 | 1 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---|------------------|------|------|-------|-----------|-----------|
| LIMIT_SET | IN0023183 | Indianapolis Belmont and Southport ADVNC D WTP | Indianapolis, IN | 006 | 1 | 00610 | 31-Dec-08 | 1 |
| LIMIT_SET | MO0002402 | Dyno Nobel, Inc-Carthage | Carthage, MO | 001 | 1 | 00610 | 31-Jan-08 | C |
| LIMIT_SET | MO0002402 | Dyno Nobel, Inc-Carthage | Carthage, MO | 001 | 1 | 00610 | 28-Feb-08 | C |
| LIMIT_SET | MO0002402 | Dyno Nobel, Inc-Carthage | Carthage, MO | 001 | 1 | 00610 | 31-Mar-08 | C |
| LIMIT_SET | MO0002402 | Dyno Nobel, Inc-Carthage | Carthage, MO | 001 | 1 | 00610 | 31-Oct-08 | C |
| LIMIT_SET | MO0002402 | Dyno Nobel, Inc-Carthage | Carthage, MO | 001 | 1 | 00610 | 30-Nov-08 | C |
| LIMIT_SET | MO0002402 | Dyno Nobel, Inc-Carthage | Carthage, MO | 001 | 1 | 00610 | 31-Dec-08 | C |
| LIMIT_SET | MO0002402 | Dyno Nobel, Inc-Carthage | Carthage, MO | 003 | 1 | 00610 | 31-Jan-08 | C |
| LIMIT_SET | MO0002402 | Dyno Nobel, Inc-Carthage | Carthage, MO | 003 | 1 | 00610 | 28-Feb-08 | C |
| LIMIT_SET | MO0002402 | Dyno Nobel, Inc-Carthage | Carthage, MO | 003 | 1 | 00610 | 31-Mar-08 | C |
| LIMIT_SET | MO0002402 | Dyno Nobel, Inc-Carthage | Carthage, MO | 003 | 1 | 00610 | 31-Oct-08 | C |
| LIMIT_SET | MO0002402 | Dyno Nobel, Inc-Carthage | Carthage, MO | 003 | 1 | 00610 | 30-Nov-08 | C |
| LIMIT_SET | MO0002402 | Dyno Nobel, Inc-Carthage | Carthage, MO | 003 | 1 | 00610 | 31-Dec-08 | C |
| LIMIT_SET | MO0002402 | Dyno Nobel, Inc-Carthage | Carthage, MO | 004 | 1 | 00610 | 31-Jan-08 | C |
| LIMIT_SET | MO0002402 | Dyno Nobel, Inc-Carthage | Carthage, MO | 004 | 1 | 00610 | 28-Feb-08 | C |
| LIMIT_SET | MO0002402 | Dyno Nobel, Inc-Carthage | Carthage, MO | 004 | 1 | 00610 | 31-Mar-08 | C |
| LIMIT_SET | MO0002402 | Dyno Nobel, Inc-Carthage | Carthage, MO | 004 | 1 | 00610 | 31-Oct-08 | C |
| LIMIT_SET | MO0002402 | Dyno Nobel, Inc-Carthage | Carthage, MO | 004 | 1 | 00610 | 30-Nov-08 | C |
| LIMIT_SET | MO0002402 | Dyno Nobel, Inc-Carthage | Carthage, MO | 004 | 1 | 00610 | 31-Dec-08 | C |
| LIMIT_SET | MO0002402 | Dyno Nobel, Inc-Carthage | Carthage, MO | 007 | 1 | 00610 | 28-Feb-08 | C |
| LIMIT_SET | MO0002402 | Dyno Nobel, Inc-Carthage | Carthage, MO | 007 | 1 | 00610 | 30-Nov-08 | C |
| LIMIT_SET | MO0002402 | Dyno Nobel, Inc-Carthage | Carthage, MO | 008 | 1 | 00610 | 28-Feb-08 | C |
| LIMIT_SET | MO0002402 | Dyno Nobel, Inc-Carthage | Carthage, MO | 008 | 1 | 00610 | 30-Nov-08 | C |
| LIMIT_SET | MO0002402 | Dyno Nobel, Inc-Carthage | Carthage, MO | 009 | 1 | 00610 | 28-Feb-08 | C |
| LIMIT_SET | MO0002402 | Dyno Nobel, Inc-Carthage | Carthage, MO | 009 | 1 | 00610 | 30-Nov-08 | C |
| LIMIT_SET | MO0029378 | USAF, Whiteman AFB WW PLT | Knob Noster, MO | 001 | 1 | 00310 | 31-Jan-08 | B |
| LIMIT_SET | MO0029378 | USAF, Whiteman AFB WW PLT | Knob Noster, MO | 001 | 1 | 00310 | 28-Feb-08 | B |
| LIMIT_SET | MO0029378 | USAF, Whiteman AFB WW PLT | Knob Noster, MO | 001 | 1 | 00310 | 31-Mar-08 | B |
| LIMIT_SET | MO0029378 | USAF, Whiteman AFB WW PLT | Knob Noster, MO | 001 | 1 | 00310 | 30-Apr-08 | B |
| LIMIT_SET | MO0029378 | USAF, Whiteman AFB WW PLT | Knob Noster, MO | 001 | 1 | 00310 | 31-May-08 | B |
| LIMIT_SET | MO0029378 | USAF, Whiteman AFB WW PLT | Knob Noster, MO | 001 | 1 | 00310 | 31-Oct-08 | B |
| LIMIT_SET | MO0029378 | USAF, Whiteman AFB WW PLT | Knob Noster, MO | 001 | 1 | 00310 | 30-Nov-08 | B |
| LIMIT_SET | MO0029378 | USAF, Whiteman AFB WW PLT | Knob Noster, MO | 001 | 1 | 00310 | 31-Dec-08 | B |
| LIMIT_SET | MO0029378 | USAF, Whiteman AFB WW PLT | Knob Noster, MO | 001 | 1 | 00340 | 31-Jan-08 | B |
| LIMIT_SET | MO0029378 | USAF, Whiteman AFB WW PLT | Knob Noster, MO | 001 | 1 | 00340 | 28-Feb-08 | B |
| LIMIT_SET | MO0029378 | USAF, Whiteman AFB WW PLT | Knob Noster, MO | 001 | 1 | 00340 | 31-Mar-08 | B |
| LIMIT_SET | MO0029378 | USAF, Whiteman AFB WW PLT | Knob Noster, MO | 001 | 1 | 00340 | 30-Apr-08 | B |
| LIMIT_SET | MO0029378 | USAF, Whiteman AFB WW PLT | Knob Noster, MO | 001 | 1 | 00340 | 31-May-08 | B |
| LIMIT_SET | MO0029378 | USAF, Whiteman AFB WW PLT | Knob Noster, MO | 001 | 1 | 00340 | 31-Oct-08 | B |
| LIMIT_SET | MO0029378 | USAF, Whiteman AFB WW PLT | Knob Noster, MO | 001 | 1 | 00340 | 30-Nov-08 | B |
| LIMIT_SET | MO0029378 | USAF, Whiteman AFB WW PLT | Knob Noster, MO | 001 | 1 | 00340 | 31-Dec-08 | B |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--------------------------------|--------------------|------|------|-------|-----------|-----------|
| LIMIT_SET | MO0029378 | USAF, Whiteman AFB WW PLT | Knob Noster, MO | 001 | 1 | 00610 | 31-Jan-08 | B |
| LIMIT_SET | MO0029378 | USAF, Whiteman AFB WW PLT | Knob Noster, MO | 001 | 1 | 00610 | 28-Feb-08 | B |
| LIMIT_SET | MO0029378 | USAF, Whiteman AFB WW PLT | Knob Noster, MO | 001 | 1 | 00610 | 31-Mar-08 | B |
| LIMIT_SET | MO0029378 | USAF, Whiteman AFB WW PLT | Knob Noster, MO | 001 | 1 | 00610 | 30-Apr-08 | B |
| LIMIT_SET | MO0029378 | USAF, Whiteman AFB WW PLT | Knob Noster, MO | 001 | 1 | 00610 | 31-May-08 | B |
| LIMIT_SET | MO0029378 | USAF, Whiteman AFB WW PLT | Knob Noster, MO | 001 | 1 | 00610 | 31-Oct-08 | B |
| LIMIT_SET | MO0029378 | USAF, Whiteman AFB WW PLT | Knob Noster, MO | 001 | 1 | 00610 | 30-Nov-08 | B |
| LIMIT_SET | MO0029378 | USAF, Whiteman AFB WW PLT | Knob Noster, MO | 001 | 1 | 00610 | 31-Dec-08 | B |
| MC1 | NC0078344 | Smithfield Packing Co Inc Tarh | Tar Heel, NC | 001 | 1 | 50060 | 30-Apr-08 | 0.016 |
| MC1 | NC0078344 | Smithfield Packing Co Inc Tarh | Tar Heel, NC | 001 | 1 | 50060 | 31-May-08 | 0.026 |
| MC1 | NC0078344 | Smithfield Packing Co Inc Tarh | Tar Heel, NC | 001 | 1 | 50060 | 30-Jun-08 | 0.028 |
| MC2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01094 | 31-Jul-08 | 0.02 |
| MC2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01094 | 31-Aug-08 | 0.033 |
| MC2 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01094 | 30-Sep-08 | 0.018 |
| MC2 | CA0004961 | GOLDEN EAGLE REFINERY | Martinez, CA | 001 | 1 | 82698 | 31-Mar-08 | 4.3E-10 |
| MC2 | LA0005223 | Rhone-Poulenc Basic Chemicals | Baton Rouge, LA | 003 | 1 | 00665 | 31-Mar-08 | 26.2 |
| MC2 | LA0005223 | Rhone-Poulenc Basic Chemicals | Baton Rouge, LA | 003 | 1 | 00665 | 30-Jun-08 | 49.8 |
| MC2 | LA0005223 | Rhone-Poulenc Basic Chemicals | Baton Rouge, LA | 003 | 1 | 00665 | 30-Sep-08 | 28 |
| MC2 | LA0005223 | Rhone-Poulenc Basic Chemicals | Baton Rouge, LA | 003 | 1 | 00665 | 31-Dec-08 | 32.6 |
| MC2 | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 31-Jan-08 | 8.49e-008 |
| MC2 | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 31-Mar-08 | 9.78e-008 |
| MC2 | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 31-Mar-08 | 7.89e-008 |
| MC2 | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 30-Apr-08 | 8.49e-008 |
| MC2 | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 31-May-08 | 6.19e-008 |
| MC2 | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 30-Jun-08 | 7.09e-008 |
| MC2 | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 31-Jul-08 | 9.59e-008 |
| MC2 | NC0078344 | Smithfield Packing Co Inc Tarh | Tar Heel, NC | 001 | 1 | 50060 | 30-Apr-08 | 0.100833 |
| MC2 | NC0078344 | Smithfield Packing Co Inc Tarh | Tar Heel, NC | 001 | 1 | 50060 | 31-May-08 | 0.12425 |
| MC2 | NC0078344 | Smithfield Packing Co Inc Tarh | Tar Heel, NC | 001 | 1 | 50060 | 30-Jun-08 | 0.22 |
| MC2 | NC0078344 | Smithfield Packing Co Inc Tarh | Tar Heel, NC | 001 | 1 | 50060 | 31-Jul-08 | 0.0232 |
| MC2 | NC0078344 | Smithfield Packing Co Inc Tarh | Tar Heel, NC | 001 | 1 | 50060 | 31-Aug-08 | 0.0155 |
| MC2 | NC0078344 | Smithfield Packing Co Inc Tarh | Tar Heel, NC | 001 | 1 | 50060 | 30-Sep-08 | 0.0092 |
| MC2 | NC0078344 | Smithfield Packing Co Inc Tarh | Tar Heel, NC | 001 | 1 | 50061 | 30-Nov-08 | 0.015 |
| MC2 | ND0026000 | Cargill Corn Milling (Progold) | Wahpeton, ND | 001 | 1 | 00940 | 31-Jan-08 | 2590.1359 |
| MC2 | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01147 | 31-Dec-08 | 0.0013 |
| MC2 | OH0024996 | Village of Elida | Elida, OH | 001 | 1 | 50286 | 30-Jun-08 | 7.53e-006 |
| MC2 | OH0024996 | Village of Elida | Elida, OH | 001 | 1 | 50286 | 31-Aug-08 | 6.97e-006 |
| MC2 | OH0024996 | Village of Elida | Elida, OH | 001 | 1 | 50286 | 31-Dec-08 | 6.03e-006 |
| MC2 | OH0103128 | CARBON LIMESTONE Landfill | , OH | 001 | 1 | 50286 | 30-Jun-08 | 9.29e-007 |
| MC2 | OH0103128 | CARBON LIMESTONE Landfill | , OH | 001 | 1 | 50286 | 31-Dec-08 | 3.4e-006 |
| MC2 | OH0122432 | Fulton County Commissioners | , OH | 001 | 1 | 50286 | 30-Sep-08 | 4.84e-005 |
| MC2 | OR0000566 | Blue Heron Paper Company | Oregon City, OR | 001 | 1 | 80361 | 31-Mar-08 | 1.21E-7 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--------------------------------|--------------------|------|------|-------|-----------|-----------|
| MC2 | OR0000566 | Blue Heron Paper Company | Oregon City, OR | 001 | 1 | 80361 | 30-Jun-08 | 2.04E-7 |
| MC2 | OR0000566 | Blue Heron Paper Company | Oregon City, OR | 001 | 1 | 80361 | 30-Sep-08 | 5.7E-8 |
| MC2 | OR0000566 | Blue Heron Paper Company | Oregon City, OR | 001 | 1 | 80361 | 31-Dec-08 | 9.2E-8 |
| MC2 | PA0000183 | General Electric - Erie | Erie, PA | 001 | 1 | 71900 | 31-Dec-08 | 4.8e-006 |
| MC2 | SC0001333 | Eastman Chemical/SC Operations | Saint Matthews, SC | 001 | 1 | 71900 | 31-Jan-08 | 2e-007 |
| MC2 | SC0002704 | GALEY & LORD/Society Hill | Society Hill, SC | 001 | 1 | 71900 | 31-Mar-08 | 4.7e-006 |
| MC2 | SC0002704 | GALEY & LORD/Society Hill | Society Hill, SC | 001 | 1 | 71900 | 30-Jun-08 | 3.9e-006 |
| MC2 | SC0002704 | GALEY & LORD/Society Hill | Society Hill, SC | 001 | 1 | 71900 | 30-Sep-08 | 1.83e-005 |
| MC2 | SC0002704 | GALEY & LORD/Society Hill | Society Hill, SC | 001 | 1 | 71900 | 31-Dec-08 | 4.1e-006 |
| MC2 | SC0022152 | N Myrtle Beach/Ocean Drive | Myrtle Beach, SC | 001 | 1 | 71900 | 31-Mar-08 | 1.6E-6 |
| MC2 | SC0022152 | N Myrtle Beach/Ocean Drive | Myrtle Beach, SC | 001 | 1 | 71900 | 30-Jun-08 | 2.3E-6 |
| MC2 | SC0022152 | N Myrtle Beach/Ocean Drive | Myrtle Beach, SC | 001 | 1 | 71900 | 30-Sep-08 | 2.6E-6 |
| MC2 | SC0022152 | N Myrtle Beach/Ocean Drive | Myrtle Beach, SC | 001 | 1 | 71900 | 31-Dec-08 | 2.1E-6 |
| MC2 | SC0031551 | Gaffney/CLARY WWTF | Gaffney, SC | 001 | 1 | 71900 | 31-Jan-08 | 7E-7 |
| MC2 | SC0034843 | Clemson University WWTF | Clemson, SC | 001 | 1 | 71900 | 31-Mar-08 | 7e-006 |
| MC2 | SC0034843 | Clemson University WWTF | Clemson, SC | 001 | 1 | 71900 | 30-Jun-08 | 5.8e-006 |
| MC2 | SC0034843 | Clemson University WWTF | Clemson, SC | 001 | 1 | 71900 | 30-Sep-08 | 1.1e-006 |
| MC2 | WI0024686 | Grand Chute Menasha West WWTF | Neenah, WI | 001 | 1 | 71901 | 31-Jan-08 | 1.4E-6 |
| MC2 | WI0024686 | Grand Chute Menasha West WWTF | Neenah, WI | 001 | 1 | 71901 | 31-Mar-08 | 1.7E-6 |
| MC2 | WI0024686 | Grand Chute Menasha West WWTF | Neenah, WI | 001 | 1 | 71901 | 30-Apr-08 | 2.1E-6 |
| MC2 | WI0024686 | Grand Chute Menasha West WWTF | Neenah, WI | 001 | 1 | 71901 | 31-May-08 | 1.7E-6 |
| MC2 | WV0000761 | Monongahela Power Company | Willow Island, WV | 001 | 1 | 50060 | 30-Sep-08 | 0.05 |
| MC2 | WV0000761 | Monongahela Power Company | Willow Island, WV | 001 | 1 | 50060 | 31-Oct-08 | 0.05 |
| MC2 | WV0000761 | Monongahela Power Company | Willow Island, WV | 001 | 1 | 50064 | 31-Jul-08 | 0.8195 |
| MC2 | WV0003336 | ARCELORMITTAL Weirton INC. | Weirton, WV | 003 | 1 | 00720 | 31-Aug-08 | 0.254 |
| MC3 | AL0001961 | Akzo Nobel Functional Chemical | Axis, AL | 006 | 1 | 71900 | 31-Dec-08 | 0.17 |
| MC3 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01094 | 31-Jul-08 | 0.027 |
| MC3 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01094 | 31-Aug-08 | 0.037 |
| MC3 | AL0029483 | National Copper and Smelting | Huntsville, AL | 002 | 1 | 01094 | 30-Sep-08 | 0.024 |
| MC3 | IDG130011 | Clear Lakes Trout Company | Buhl, ID | 001 | 1 | 01119 | 31-Jan-08 | |
| MC3 | KY0090794 | Valley View Landfill | Trimble County, KY | 001 | 1 | 71901 | 30-Jun-08 | 0.0002 |
| MC3 | KY0090794 | Valley View Landfill | Trimble County, KY | 004 | 1 | 71901 | 31-Mar-08 | 0.0002 |
| MC3 | LA0005223 | Rhone-Poulenc Basic Chemicals | Baton Rouge, LA | 003 | 1 | 00665 | 31-Mar-08 | 26.2 |
| MC3 | LA0005223 | Rhone-Poulenc Basic Chemicals | Baton Rouge, LA | 003 | 1 | 00665 | 30-Jun-08 | 49.8 |
| MC3 | LA0005223 | Rhone-Poulenc Basic Chemicals | Baton Rouge, LA | 003 | 1 | 00665 | 30-Sep-08 | 28 |
| MC3 | LA0005223 | Rhone-Poulenc Basic Chemicals | Baton Rouge, LA | 003 | 1 | 00665 | 31-Dec-08 | 32.6 |
| MC3 | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 31-Jan-08 | 8.49e-008 |
| MC3 | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 31-Mar-08 | 9.78e-008 |
| MC3 | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 31-Mar-08 | 7.89e-008 |
| MC3 | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 30-Apr-08 | 8.49e-008 |
| MC3 | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 31-May-08 | 6.19e-008 |
| MC3 | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 30-Jun-08 | 7.09e-008 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--------------------------------|--------------------|------|------|-------|-----------|-------------|
| MC3 | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 31-Jul-08 | 9.59e-008 |
| MC3 | MS0026140 | TYSON FOODS INC | Carthage, MS | 001 | 1 | 71901 | 31-Dec-08 | 0.0000063 |
| MC3 | NC0078344 | Smithfield Packing Co Inc Tarh | Tar Heel, NC | 001 | 1 | 50060 | 30-Apr-08 | 0.312 |
| MC3 | NC0078344 | Smithfield Packing Co Inc Tarh | Tar Heel, NC | 001 | 1 | 50060 | 31-May-08 | 0.242 |
| MC3 | NC0078344 | Smithfield Packing Co Inc Tarh | Tar Heel, NC | 001 | 1 | 50060 | 30-Jun-08 | 0.5 |
| MC3 | NC0078344 | Smithfield Packing Co Inc Tarh | Tar Heel, NC | 001 | 1 | 50060 | 31-Jul-08 | 0.062 |
| MC3 | NC0078344 | Smithfield Packing Co Inc Tarh | Tar Heel, NC | 001 | 1 | 50060 | 31-Aug-08 | 0.028 |
| MC3 | NC0078344 | Smithfield Packing Co Inc Tarh | Tar Heel, NC | 001 | 1 | 50060 | 30-Sep-08 | 0.018 |
| MC3 | NC0078344 | Smithfield Packing Co Inc Tarh | Tar Heel, NC | 001 | 1 | 50060 | 30-Nov-08 | 0.04 |
| MC3 | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01147 | 31-Dec-08 | 0.0013 |
| MC3 | OH0024996 | Village of Elida | Elida, OH | 001 | 1 | 50286 | 30-Jun-08 | 7.53e-006 |
| MC3 | OH0024996 | Village of Elida | Elida, OH | 001 | 1 | 50286 | 31-Aug-08 | 6.97e-006 |
| MC3 | OH0024996 | Village of Elida | Elida, OH | 001 | 1 | 50286 | 31-Dec-08 | 6.03e-006 |
| MC3 | OH0103128 | CARBON LIMESTONE Landfill | , OH | 001 | 1 | 50286 | 30-Jun-08 | 9.29e-007 |
| MC3 | OH0103128 | CARBON LIMESTONE Landfill | , OH | 001 | 1 | 50286 | 31-Dec-08 | 3.4e-006 |
| MC3 | OH0122432 | Fulton County Commissioners | , OH | 001 | 1 | 50286 | 30-Sep-08 | 4.84e-005 |
| MC3 | PA0000183 | General Electric - Erie | Erie, PA | 001 | 1 | 71900 | 31-Dec-08 | 4.8e-006 |
| MC3 | SC0001333 | Eastman Chemical/SC Operations | Saint Matthews, SC | 001 | 1 | 71900 | 31-Jan-08 | 2e-007 |
| MC3 | SC0002704 | GALEY & LORD/Society Hill | Society Hill, SC | 001 | 1 | 71900 | 31-Mar-08 | 4.7e-006 |
| MC3 | SC0002704 | GALEY & LORD/Society Hill | Society Hill, SC | 001 | 1 | 71900 | 30-Jun-08 | 3.9e-006 |
| MC3 | SC0002704 | GALEY & LORD/Society Hill | Society Hill, SC | 001 | 1 | 71900 | 30-Sep-08 | 1.83e-005 |
| MC3 | SC0002704 | GALEY & LORD/Society Hill | Society Hill, SC | 001 | 1 | 71900 | 31-Dec-08 | 4.1e-006 |
| MC3 | SC0022152 | N Myrtle Beach/Ocean Drive | Myrtle Beach, SC | 001 | 1 | 71900 | 31-Mar-08 | 1.6E-6 |
| MC3 | SC0022152 | N Myrtle Beach/Ocean Drive | Myrtle Beach, SC | 001 | 1 | 71900 | 30-Jun-08 | 2.3E-6 |
| MC3 | SC0022152 | N Myrtle Beach/Ocean Drive | Myrtle Beach, SC | 001 | 1 | 71900 | 30-Sep-08 | 2.6E-6 |
| MC3 | SC0022152 | N Myrtle Beach/Ocean Drive | Myrtle Beach, SC | 001 | 1 | 71900 | 31-Dec-08 | 2.1E-6 |
| MC3 | SC0031551 | Gaffney/CLARY WWTF | Gaffney, SC | 001 | 1 | 71900 | 31-Jan-08 | 7E-7 |
| MC3 | SC0034843 | Clemson University WWTF | Clemson, SC | 001 | 1 | 71900 | 31-Mar-08 | 7e-006 |
| MC3 | SC0034843 | Clemson University WWTF | Clemson, SC | 001 | 1 | 71900 | 30-Jun-08 | 5.8e-006 |
| MC3 | SC0034843 | Clemson University WWTF | Clemson, SC | 001 | 1 | 71900 | 30-Sep-08 | 1.1e-006 |
| MC3 | TN0067237 | TX EASTERN TRANS-Gladeville | Gladeville, TN | 002 | 1 | 39516 | 31-Jan-08 | 0.00081 |
| MC3 | WI0024686 | Grand Chute Menasha West WWTF | Neenah, WI | 001 | 1 | 71901 | 31-Jan-08 | 1.4E-6 |
| MC3 | WI0024686 | Grand Chute Menasha West WWTF | Neenah, WI | 001 | 1 | 71901 | 31-Mar-08 | 1.7E-6 |
| MC3 | WI0024686 | Grand Chute Menasha West WWTF | Neenah, WI | 001 | 1 | 71901 | 30-Apr-08 | 2.1E-6 |
| MC3 | WI0024686 | Grand Chute Menasha West WWTF | Neenah, WI | 001 | 1 | 71901 | 31-May-08 | 1.7E-6 |
| MC3 | WV0000761 | Monongahela Power Company | Willow Island, WV | 001 | 1 | 50060 | 30-Sep-08 | 0.05 |
| MC3 | WV0000761 | Monongahela Power Company | Willow Island, WV | 001 | 1 | 50060 | 31-Oct-08 | 0.05 |
| MC3 | WV0000761 | Monongahela Power Company | Willow Island, WV | 001 | 1 | 50064 | 31-Jul-08 | 0.8195 |
| MC3 | WV0003336 | ARCELORMITTAL Weirton INC. | Weirton, WV | 003 | 1 | 00720 | 31-Aug-08 | 0.7 |
| MQ1 | CA0001368 | SOUTH BAY Power Plant | Chula Vista, CA | 001 | 1 | 50060 | 31-Jan-08 | 0.048798186 |
| MQ1 | CA0001368 | SOUTH BAY Power Plant | Chula Vista, CA | 001 | 1 | 50060 | 31-Mar-08 | 0.017460317 |
| MQ1 | CA0001368 | SOUTH BAY Power Plant | Chula Vista, CA | 001 | 1 | 50060 | 30-Apr-08 | 0.024671202 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-----------------------|------------------|------|------|-------|-----------|--------------|
| MQ1 | CA0001368 | SOUTH BAY Power Plant | Chula Vista, CA | 001 | 1 | 50060 | 31-May-08 | 0.030068027 |
| MQ1 | MT0030732 | Ennis WWTP | Ennis, MT | 001 | 1 | 00056 | 31-Jan-08 | 0.098 |
| MQ1 | MT0030732 | Ennis WWTP | Ennis, MT | 001 | 1 | 00056 | 31-Mar-08 | 0.089 |
| MQ1 | MT0030732 | Ennis WWTP | Ennis, MT | 001 | 1 | 00056 | 30-Apr-08 | 0.078 |
| MQ1 | MT0030732 | Ennis WWTP | Ennis, MT | 001 | 1 | 00056 | 31-May-08 | 0.096 |
| MQ1 | MT0030732 | Ennis WWTP | Ennis, MT | 001 | 1 | 00056 | 30-Jun-08 | 0.00036 |
| MQ1 | MT0030732 | Ennis WWTP | Ennis, MT | 001 | 1 | 00056 | 31-Jul-08 | 0.178 |
| MQ1 | MT0030732 | Ennis WWTP | Ennis, MT | 001 | 1 | 00056 | 31-Aug-08 | 0.107 |
| MQ1 | MT0030732 | Ennis WWTP | Ennis, MT | 001 | 1 | 00056 | 30-Sep-08 | 0.134 |
| MQ1 | MT0030732 | Ennis WWTP | Ennis, MT | 001 | 1 | 00056 | 31-Oct-08 | 0.102 |
| MQ1 | MT0030732 | Ennis WWTP | Ennis, MT | 001 | 1 | 00056 | 30-Nov-08 | 0.0001267 |
| MQ1 | MT0030732 | Ennis WWTP | Ennis, MT | 001 | 1 | 00056 | 31-Dec-08 | 0.000231 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 31-Jan-08 | 6.6738e-006 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 29-Feb-08 | 1.31206e-005 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 31-Mar-08 | 1.589e-005 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 30-Apr-08 | 1.03058e-005 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 31-May-08 | 6.9008e-006 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 30-Jun-08 | 6.5376e-006 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 31-Jul-08 | 9.307e-006 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 31-Aug-08 | 1.00334e-005 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 30-Sep-08 | 6.3106e-006 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 31-Oct-08 | 9.1708e-006 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 30-Nov-08 | 1.0896e-005 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 31-Dec-08 | 8.626e-006 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 31-Jan-08 | 6.6738e-006 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 29-Feb-08 | 1.31206e-005 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 31-Mar-08 | 1.589e-005 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 30-Apr-08 | 1.03058e-005 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 31-May-08 | 6.9008e-006 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 30-Jun-08 | 6.5376e-006 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 31-Jul-08 | 9.307e-006 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 31-Aug-08 | 9.534e-006 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 30-Sep-08 | 6.3106e-006 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 31-Oct-08 | 9.1708e-006 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 30-Nov-08 | 1.0896e-005 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 31-Dec-08 | 8.626e-006 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 31-Jan-08 | 6.6738e-006 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 29-Feb-08 | 1.31206e-005 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 31-Mar-08 | 2.1792e-005 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 30-Apr-08 | 1.03058e-005 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 31-May-08 | 6.9008e-006 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 30-Jun-08 | 6.5376e-006 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------------|------------------|------|------|-------|-----------|----------------|
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 31-Jul-08 | 9.307e-006 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 31-Aug-08 | 9.534e-006 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 30-Sep-08 | 6.3106e-006 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 31-Oct-08 | 9.1708e-006 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 30-Nov-08 | 1.0896e-005 |
| MQ1 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 31-Dec-08 | 8.626e-006 |
| MQ1 | NY0007170 | WYETH RESEARCH | Chazy, NY | 001 | 1 | 71900 | 31-Jul-08 | 4.9103562e-008 |
| MQ1 | OH0032433 | Bridgeport Water Plant | Bridgeport, OH | 002 | 1 | 01054 | 29-Feb-08 | 0.0624525 |
| MQ1 | OH0032433 | Bridgeport Water Plant | Bridgeport, OH | 002 | 1 | 01054 | 30-Apr-08 | 0.0555133 |
| MQ1 | OH0032433 | Bridgeport Water Plant | Bridgeport, OH | 002 | 1 | 01054 | 30-Nov-08 | 0.0485741 |
| MQ1 | OH0127671 | SHAWNEE STP | , OH | 001 | 1 | 00530 | 31-Oct-08 | 0.8026092 |
| MQ1 | OH0127671 | SHAWNEE STP | , OH | 001 | 1 | 00610 | 31-Oct-08 | 0.6416294 |
| MQ1 | OH0129089 | MATHEWS HIGH SCHOOL | , OH | 001 | 1 | 00610 | 30-Apr-08 | 0.05424359 |
| MQ1 | OH0129089 | MATHEWS HIGH SCHOOL | , OH | 001 | 1 | 00610 | 30-Sep-08 | 0.1872447 |
| MQ1 | OH0136417 | ASA ETHANOL Bloomingburg LLC | , OH | 001 | 1 | 00951 | 31-Mar-08 | 2.607865 |
| MQ1 | OH0136417 | ASA ETHANOL Bloomingburg LLC | , OH | 001 | 1 | 00951 | 30-Apr-08 | 2.675933 |
| MQ1 | OH0136417 | ASA ETHANOL Bloomingburg LLC | , OH | 001 | 1 | 00980 | 31-Mar-08 | 1.397422 |
| MQ1 | OH0136417 | ASA ETHANOL Bloomingburg LLC | , OH | 001 | 1 | 00980 | 30-Apr-08 | 0.8114026 |
| MQ1 | OH0136417 | ASA ETHANOL Bloomingburg LLC | , OH | 001 | 1 | 00980 | 31-May-08 | 0.6662535 |
| MQ1 | OH0136417 | ASA ETHANOL Bloomingburg LLC | , OH | 001 | 1 | 00980 | 31-Aug-08 | 0.5888892 |
| MQ1 | OH0136417 | ASA ETHANOL Bloomingburg LLC | , OH | 001 | 1 | 00980 | 30-Sep-08 | 0.8868835 |
| MQ1 | OH0136417 | ASA ETHANOL Bloomingburg LLC | , OH | 001 | 1 | 00980 | 31-Oct-08 | 0.4074931 |
| MQ1 | OH0136417 | ASA ETHANOL Bloomingburg LLC | , OH | 001 | 1 | 00980 | 30-Nov-08 | 0.1034402 |
| MQ1 | OH0136417 | ASA ETHANOL Bloomingburg LLC | , OH | 001 | 1 | 00980 | 31-Dec-08 | 0.2801858 |
| MQ1 | WV0004588 | KOPPERS INDUSTRIES INC | Follansbee, WV | 101 | 1 | 39700 | 29-Feb-08 | 8.9856179e-005 |
| MQ2 | CA0001368 | SOUTH BAY Power Plant | Chula Vista, CA | 001 | 1 | 50060 | 31-Jan-08 | 0.052199546 |
| MQ2 | CA0001368 | SOUTH BAY Power Plant | Chula Vista, CA | 001 | 1 | 50060 | 31-Mar-08 | 0.023537415 |
| MQ2 | CA0001368 | SOUTH BAY Power Plant | Chula Vista, CA | 001 | 1 | 50060 | 30-Apr-08 | 0.039637188 |
| MQ2 | CA0001368 | SOUTH BAY Power Plant | Chula Vista, CA | 001 | 1 | 50060 | 31-May-08 | 0.049659864 |
| MQ2 | MS0026140 | TYSON FOODS INC | Carthage, MS | 001 | 1 | 71901 | 31-Dec-08 | 4.8e-005 |
| MQ2 | MT0030732 | Ennis WWTP | Ennis, MT | 001 | 1 | 00056 | 31-Jan-08 | 0.134 |
| MQ2 | MT0030732 | Ennis WWTP | Ennis, MT | 001 | 1 | 00056 | 31-Mar-08 | 0.115 |
| MQ2 | MT0030732 | Ennis WWTP | Ennis, MT | 001 | 1 | 00056 | 30-Apr-08 | 0.082 |
| MQ2 | MT0030732 | Ennis WWTP | Ennis, MT | 001 | 1 | 00056 | 31-May-08 | 0.138 |
| MQ2 | MT0030732 | Ennis WWTP | Ennis, MT | 001 | 1 | 00056 | 30-Jun-08 | 0.00036 |
| MQ2 | MT0030732 | Ennis WWTP | Ennis, MT | 001 | 1 | 00056 | 31-Jul-08 | 0.267 |
| MQ2 | MT0030732 | Ennis WWTP | Ennis, MT | 001 | 1 | 00056 | 31-Aug-08 | 0.12 |
| MQ2 | MT0030732 | Ennis WWTP | Ennis, MT | 001 | 1 | 00056 | 30-Sep-08 | 0.162 |
| MQ2 | MT0030732 | Ennis WWTP | Ennis, MT | 001 | 1 | 00056 | 31-Oct-08 | 0.119 |
| MQ2 | MT0030732 | Ennis WWTP | Ennis, MT | 001 | 1 | 00056 | 30-Nov-08 | 6.77E-5 |
| MQ2 | MT0030732 | Ennis WWTP | Ennis, MT | 001 | 1 | 00056 | 31-Dec-08 | 0.000231 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 31-Jan-08 | 1.6344e-005 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------|------------------|------|------|-------|-----------|------------------|
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 29-Feb-08 | 2.7694e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 31-Mar-08 | 3.3142e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 30-Apr-08 | 1.8841e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 31-May-08 | 1.62078e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 30-Jun-08 | 1.589e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 31-Jul-08 | 1.7706e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 31-Aug-08 | 2.0884e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 30-Sep-08 | 1.69796e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 31-Oct-08 | 2.44706e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 30-Nov-08 | 1.8614e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 31-Dec-08 | 1.4982e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 31-Jan-08 | 1.6344e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 29-Feb-08 | 1.4074e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 31-Mar-08 | 3.3142e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 30-Apr-08 | 1.8841e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 31-May-08 | 1.62078e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 30-Jun-08 | 1.589e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 31-Jul-08 | 1.7706e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 31-Aug-08 | 2.0884e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 30-Sep-08 | 1.69796e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 31-Oct-08 | 2.44706e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 30-Nov-08 | 1.8614e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 31-Dec-08 | 1.4982e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 31-Jan-08 | 1.6344e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 29-Feb-08 | 2.7694e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 31-Mar-08 | 7.8996e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 30-Apr-08 | 1.8841e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 31-May-08 | 1.62078e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 30-Jun-08 | 1.589e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 31-Jul-08 | 1.7706e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 31-Aug-08 | 2.0884e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 30-Sep-08 | 1.69796e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 31-Oct-08 | 2.44706e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 30-Nov-08 | 1.8614e-005 |
| MQ2 | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 31-Dec-08 | 1.4982e-005 |
| MQ2 | NY0007170 | WYETH RESEARCH | Chazy, NY | 001 | 1 | 71900 | 31-Jul-08 | 6.685721805e-008 |
| MQ2 | OH0032433 | Bridgeport Water Plant | Bridgeport, OH | 002 | 1 | 01054 | 29-Feb-08 | 0.1040875 |
| MQ2 | OH0032433 | Bridgeport Water Plant | Bridgeport, OH | 002 | 1 | 01054 | 30-Apr-08 | 0.0624525 |
| MQ2 | OH0032433 | Bridgeport Water Plant | Bridgeport, OH | 002 | 1 | 01054 | 30-Nov-08 | 0.0624525 |
| MQ2 | OH0127671 | SHAWNEE STP | , OH | 001 | 1 | 00530 | 31-Oct-08 | 0.853896 |
| MQ2 | OH0127671 | SHAWNEE STP | , OH | 001 | 1 | 00610 | 31-Oct-08 | 0.6416294 |
| MQ2 | OH0129089 | MATHEWS HIGH SCHOOL | , OH | 001 | 1 | 00610 | 30-Apr-08 | 0.05424359 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------|----------------|------|------|-------|-----------|------------------|
| MQ2 | OH0129089 | MATHEWS HIGH SCHOOL | , OH | 001 | 1 | 00610 | 30-Sep-08 | 0.1872447 |
| MQ2 | WV0004588 | KOPPERS INDUSTRIES INC | Follansbee, WV | 101 | 1 | 39700 | 29-Feb-08 | 0.00043673802333 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 00530 | 31-Jan-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 00530 | 28-Feb-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 00530 | 31-Mar-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 00530 | 31-Mar-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 00530 | 30-Apr-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 00530 | 31-May-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 00530 | 30-Jun-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 00530 | 30-Jun-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 00530 | 31-Jul-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 00530 | 31-Aug-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 00530 | 30-Sep-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 00530 | 30-Sep-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 00530 | 31-Oct-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 00530 | 30-Nov-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 00530 | 31-Dec-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 00530 | 31-Dec-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 01046 | 31-Jan-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 01046 | 28-Feb-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 01046 | 31-Mar-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 01046 | 31-Mar-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 01046 | 30-Apr-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 01046 | 31-May-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 01046 | 30-Jun-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 01046 | 30-Jun-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 01046 | 31-Jul-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 01046 | 31-Aug-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 01046 | 30-Sep-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 01046 | 30-Sep-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 01046 | 31-Oct-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 01046 | 30-Nov-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 01046 | 31-Dec-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 01046 | 31-Dec-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 01105 | 31-Jan-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 01105 | 28-Feb-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 01105 | 31-Mar-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 01105 | 30-Apr-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 01105 | 31-May-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 01105 | 30-Jun-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 01105 | 31-Jul-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 01105 | 31-Aug-08 | 1 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------|----------------|------|------|-------|-----------|-----------|
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 01105 | 30-Sep-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 01105 | 31-Oct-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 01105 | 30-Nov-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 01105 | 31-Dec-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 32106 | 31-Mar-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 32106 | 30-Jun-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 32106 | 30-Sep-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 002 | 1 | 32106 | 31-Dec-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 00530 | 31-Jan-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 00530 | 28-Feb-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 00530 | 31-Mar-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 00530 | 30-Apr-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 00530 | 31-May-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 00530 | 30-Jun-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 00530 | 31-Jul-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 00530 | 31-Aug-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 00530 | 30-Sep-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 00530 | 31-Oct-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 00530 | 30-Nov-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 00530 | 31-Dec-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 01046 | 31-Jan-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 01046 | 28-Feb-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 01046 | 31-Mar-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 01046 | 30-Apr-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 01046 | 31-May-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 01046 | 30-Jun-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 01046 | 31-Jul-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 01046 | 31-Aug-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 01046 | 30-Sep-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 01046 | 31-Oct-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 01046 | 30-Nov-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 01046 | 31-Dec-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 01105 | 31-Jan-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 01105 | 28-Feb-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 01105 | 31-Mar-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 01105 | 30-Apr-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 01105 | 31-May-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 01105 | 30-Jun-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 01105 | 31-Jul-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 01105 | 31-Aug-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 01105 | 30-Sep-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 01105 | 31-Oct-08 | 1 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|------------------------|----------------|------|------|-------|-----------|-----------|
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 01105 | 30-Nov-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 003 | 1 | 01105 | 31-Dec-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 00530 | 31-Jan-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 00530 | 28-Feb-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 00530 | 31-Mar-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 00530 | 30-Apr-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 00530 | 31-May-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 00530 | 30-Jun-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 00530 | 31-Jul-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 00530 | 31-Aug-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 00530 | 30-Sep-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 00530 | 31-Oct-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 00530 | 30-Nov-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 00530 | 31-Dec-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 01046 | 31-Jan-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 01046 | 28-Feb-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 01046 | 31-Mar-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 01046 | 30-Apr-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 01046 | 31-May-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 01046 | 30-Jun-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 01046 | 31-Jul-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 01046 | 31-Aug-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 01046 | 30-Sep-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 01046 | 31-Oct-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 01046 | 30-Nov-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 01046 | 31-Dec-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 01105 | 31-Jan-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 01105 | 28-Feb-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 01105 | 31-Mar-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 01105 | 30-Apr-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 01105 | 31-May-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 01105 | 30-Jun-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 01105 | 31-Jul-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 01105 | 31-Aug-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 01105 | 30-Sep-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 01105 | 31-Oct-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 01105 | 30-Nov-08 | 1 |
| NMBR_OF_DAYS | DC0000019 | Washington Aqueduct | Washington, DC | 004 | 1 | 01105 | 31-Dec-08 | 1 |
| NMBR_OF_DAYS | GA0003735 | Hercules, Incorporated | Brunswick, GA | 001 | 1 | 39400 | 29-Feb-08 | 91 |
| NMBR_OF_DAYS | GA0003735 | Hercules, Incorporated | Brunswick, GA | 001 | 1 | 39400 | 31-May-08 | 91 |
| NMBR_OF_DAYS | GA0003735 | Hercules, Incorporated | Brunswick, GA | 001 | 1 | 39400 | 31-Aug-08 | 92 |
| NMBR_OF_DAYS | GA0003735 | Hercules, Incorporated | Brunswick, GA | 001 | 1 | 39400 | 30-Nov-08 | 92 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|-----------------|------|------|-------|-----------|-----------|
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 50050 | 31-Jul-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 50050 | 31-Aug-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 50050 | 30-Sep-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 50050 | 31-Oct-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 50050 | 30-Nov-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 50050 | 31-Dec-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77151 | 31-Jan-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77151 | 29-Feb-08 | 28 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77151 | 31-Mar-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77151 | 30-Apr-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77151 | 31-May-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77151 | 30-Jun-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77151 | 31-Jul-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77151 | 31-Aug-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77151 | 30-Sep-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77151 | 31-Oct-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77151 | 30-Nov-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77151 | 31-Dec-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77416 | 31-Jan-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77416 | 29-Feb-08 | 28 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77416 | 31-Mar-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77416 | 30-Apr-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77416 | 31-May-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77416 | 30-Jun-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77416 | 31-Jul-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77416 | 31-Aug-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77416 | 30-Sep-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77416 | 31-Oct-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77416 | 30-Nov-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77416 | 31-Dec-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77571 | 31-Jan-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77571 | 29-Feb-08 | 28 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77571 | 31-Mar-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77571 | 30-Apr-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77571 | 31-May-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77571 | 30-Jun-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77571 | 31-Jul-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77571 | 31-Aug-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77571 | 30-Sep-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77571 | 31-Oct-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77571 | 30-Nov-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77571 | 31-Dec-08 | 31 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|-----------------|------|------|-------|-----------|-----------|
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 50050 | 31-Jul-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 50050 | 31-Aug-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 50050 | 30-Sep-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 50050 | 31-Oct-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 50050 | 30-Nov-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 50050 | 31-Dec-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77151 | 31-Jan-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77151 | 29-Feb-08 | 28 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77151 | 31-Mar-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77151 | 30-Apr-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77151 | 31-May-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77151 | 30-Jun-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77151 | 31-Jul-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77151 | 31-Aug-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77151 | 30-Sep-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77151 | 31-Oct-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77151 | 30-Nov-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77151 | 31-Dec-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77416 | 31-Jan-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77416 | 29-Feb-08 | 28 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77416 | 31-Mar-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77416 | 30-Apr-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77416 | 31-May-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77416 | 30-Jun-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77416 | 31-Jul-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77416 | 31-Aug-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77416 | 30-Sep-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77416 | 31-Oct-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77416 | 30-Nov-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77416 | 31-Dec-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77571 | 31-Jan-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77571 | 29-Feb-08 | 28 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77571 | 31-Mar-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77571 | 30-Apr-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77571 | 31-May-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77571 | 30-Jun-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77571 | 31-Jul-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77571 | 31-Aug-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77571 | 30-Sep-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77571 | 31-Oct-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77571 | 30-Nov-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77571 | 31-Dec-08 | 31 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|-----------------|------|------|-------|-----------|-----------|
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 50050 | 31-Jul-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 50050 | 31-Aug-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 50050 | 30-Sep-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 50050 | 31-Oct-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 50050 | 30-Nov-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 50050 | 31-Dec-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77151 | 31-Jan-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77151 | 29-Feb-08 | 28 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77151 | 31-Mar-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77151 | 30-Apr-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77151 | 31-May-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77151 | 30-Jun-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77151 | 31-Jul-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77151 | 31-Aug-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77151 | 30-Sep-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77151 | 31-Oct-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77151 | 30-Nov-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77151 | 31-Dec-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77416 | 31-Jan-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77416 | 29-Feb-08 | 28 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77416 | 31-Mar-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77416 | 30-Apr-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77416 | 31-May-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77416 | 30-Jun-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77416 | 31-Jul-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77416 | 31-Aug-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77416 | 30-Sep-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77416 | 31-Oct-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77416 | 30-Nov-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77416 | 31-Dec-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77571 | 31-Jan-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77571 | 29-Feb-08 | 28 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77571 | 31-Mar-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77571 | 30-Apr-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77571 | 31-May-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77571 | 30-Jun-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77571 | 31-Jul-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77571 | 31-Aug-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77571 | 30-Sep-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77571 | 31-Oct-08 | 31 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77571 | 30-Nov-08 | 30 |
| NMBR_OF_DAYS | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77571 | 31-Dec-08 | 31 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-----------------------------|--------------------|------|------|-------|-----------|-----------|
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01002 | 31-Mar-08 | 91 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01002 | 30-Jun-08 | 91 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01002 | 31-Aug-08 | 92 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01002 | 31-Dec-08 | 92 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01027 | 31-Mar-08 | 91 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01027 | 30-Jun-08 | 91 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01027 | 31-Aug-08 | 92 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01027 | 31-Dec-08 | 92 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01034 | 31-Mar-08 | 91 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01034 | 30-Jun-08 | 91 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01034 | 31-Aug-08 | 92 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01034 | 31-Dec-08 | 92 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01042 | 31-Mar-08 | 91 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01042 | 30-Jun-08 | 91 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01042 | 31-Aug-08 | 92 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01042 | 31-Dec-08 | 92 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01051 | 31-Mar-08 | 91 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01051 | 30-Jun-08 | 91 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01051 | 31-Aug-08 | 92 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01051 | 31-Dec-08 | 92 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01092 | 31-Mar-08 | 91 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01092 | 30-Jun-08 | 91 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01092 | 31-Aug-08 | 92 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01092 | 31-Dec-08 | 92 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01147 | 31-Mar-08 | 91 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01147 | 30-Jun-08 | 91 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01147 | 31-Aug-08 | 92 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01147 | 31-Dec-08 | 92 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 71900 | 31-Mar-08 | 91 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 71900 | 30-Jun-08 | 91 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 71900 | 31-Aug-08 | 92 |
| NMBR_OF_DAYS | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 71900 | 31-Dec-08 | 92 |
| NMBR_OF_DAYS | OH0024996 | Village of Elida | Elida, OH | 001 | 1 | 50286 | 31-Mar-08 | 91 |
| NMBR_OF_DAYS | OH0024996 | Village of Elida | Elida, OH | 001 | 1 | 50286 | 30-Jun-08 | 91 |
| NMBR_OF_DAYS | OH0024996 | Village of Elida | Elida, OH | 001 | 1 | 50286 | 31-Aug-08 | 92 |
| NMBR_OF_DAYS | OH0024996 | Village of Elida | Elida, OH | 001 | 1 | 50286 | 31-Dec-08 | 92 |
| NMBR_OF_DAYS | OH0122432 | Fulton County Commissioners | , OH | 001 | 1 | 50286 | 30-Sep-08 | 365 |
| NMBR_OF_DAYS | SC0034843 | Clemson University WWTF | Clemson, SC | 001 | 1 | 71900 | 31-Dec-08 | 92 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 00665 | 31-Mar-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 00665 | 30-Jun-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 00665 | 30-Sep-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 00665 | 31-Dec-08 | 3 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--------------------------------|----------------|------|------|-------|-----------|-----------|
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 00945 | 31-Mar-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 00945 | 30-Jun-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 00945 | 30-Sep-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 00945 | 31-Dec-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 00951 | 31-Mar-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 00951 | 30-Jun-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 00951 | 30-Sep-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 00951 | 31-Dec-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 01002 | 31-Mar-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 01002 | 30-Jun-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 01002 | 30-Sep-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 01002 | 31-Dec-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 01303 | 31-Mar-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 01303 | 30-Jun-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 01303 | 30-Sep-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 01303 | 31-Dec-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 01306 | 31-Mar-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 01306 | 30-Jun-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 01306 | 30-Sep-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 01306 | 31-Dec-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 01319 | 31-Mar-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 01319 | 30-Jun-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 01319 | 30-Sep-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 01319 | 31-Dec-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 01323 | 31-Mar-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 01323 | 30-Jun-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 01323 | 30-Sep-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 01323 | 31-Dec-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 70295 | 31-Mar-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 70295 | 30-Jun-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 70295 | 30-Sep-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 70295 | 31-Dec-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 71900 | 31-Mar-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 71900 | 30-Jun-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 71900 | 30-Sep-08 | 3 |
| NMBR_OF_RPRT | CO0000248 | Climax Mine | Climax, CO | 001 | 1 | 71900 | 31-Dec-08 | 3 |
| NMBR_OF_RPRT | GA0003735 | Hercules, Incorporated | Brunswick, GA | 001 | 1 | 39400 | 29-Feb-08 | 3 |
| NMBR_OF_RPRT | GA0003735 | Hercules, Incorporated | Brunswick, GA | 001 | 1 | 39400 | 31-May-08 | 3 |
| NMBR_OF_RPRT | GA0003735 | Hercules, Incorporated | Brunswick, GA | 001 | 1 | 39400 | 31-Aug-08 | 3 |
| NMBR_OF_RPRT | GA0003735 | Hercules, Incorporated | Brunswick, GA | 001 | 1 | 39400 | 30-Nov-08 | 3 |
| NMBR_OF_RPRT | MN0055301 | Northshore Mining/Silver Bay P | Silver Bay, MN | 010 | 1 | 71900 | 31-Mar-08 | 3 |
| NMBR_OF_RPRT | MN0055301 | Northshore Mining/Silver Bay P | Silver Bay, MN | 010 | 1 | 71900 | 30-Jun-08 | 3 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|--------------------------------|-----------------|------|------|-------|-----------|-----------|
| NMBR_OF_RPRT | MN0055301 | Northshore Mining/Silver Bay P | Silver Bay, MN | 010 | 1 | 71900 | 30-Sep-08 | 3 |
| NMBR_OF_RPRT | MN0055301 | Northshore Mining/Silver Bay P | Silver Bay, MN | 010 | 1 | 71900 | 31-Dec-08 | 3 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00400 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00400 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00400 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00400 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00400 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00400 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00400 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00400 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00400 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00400 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00400 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00400 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00545 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00545 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00545 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00545 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00545 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00545 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00545 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00545 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00545 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00545 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00545 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00545 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00550 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00550 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00550 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00550 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00550 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00550 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00550 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00550 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00550 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00550 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00550 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 00550 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34010 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34010 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34010 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34010 | 30-Apr-08 | 1 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|-----------------|------|------|-------|-----------|-----------|
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34381 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34381 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34403 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34403 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34403 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34403 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34403 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34403 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34403 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34403 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34403 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34403 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34403 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34403 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34461 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34461 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34461 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34461 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34461 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34461 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34461 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34461 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34461 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34461 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34461 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34461 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34469 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34469 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34469 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34469 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34469 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34469 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34469 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34469 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34469 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34469 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34469 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34469 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34526 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34526 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34526 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34526 | 30-Apr-08 | 1 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|-----------------|------|------|-------|-----------|-----------|
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34526 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34526 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34526 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34526 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34526 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34526 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34526 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34526 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34556 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34556 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34556 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34556 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34556 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34556 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34556 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34556 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34556 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34556 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34556 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34556 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34657 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34657 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34657 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34657 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34657 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34657 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34657 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34657 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34657 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34657 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34657 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34657 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 31-Oct-08 | 1 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|-----------------|------|------|-------|-----------|-----------|
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34675 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34694 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34694 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34694 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34694 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34694 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34694 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34694 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34694 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34694 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34694 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34694 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34694 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34696 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34696 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34696 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34696 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34696 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34696 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34696 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34696 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34696 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34696 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34696 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 34696 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 39032 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 39032 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 39032 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 39032 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 39032 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 39032 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 39032 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 39032 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 39032 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 39032 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 39032 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 39032 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 50050 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 50050 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 50050 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 50050 | 30-Apr-08 | 1 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|-----------------|------|------|-------|-----------|-----------|
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 50050 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 50050 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 50050 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 50050 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 50050 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 50050 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 50050 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 50050 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77151 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77151 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77151 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77151 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77151 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77151 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77151 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77151 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77151 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77151 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77151 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77151 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77416 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77416 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77416 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77416 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77416 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77416 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77416 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77416 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77416 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77416 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77416 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77416 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77571 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77571 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77571 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77571 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77571 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77571 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77571 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77571 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77571 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 77571 | 31-Oct-08 | 1 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|-----------------|------|------|-------|-----------|-----------|
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 78396 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 78396 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 78396 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 78396 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 78396 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 78396 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 78396 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 78396 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 81302 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 81302 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 81302 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 81302 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 81302 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 81302 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 81302 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 81302 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 81302 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 81302 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 81302 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 81302 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 81551 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 81551 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 81551 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 81551 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 81551 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 81551 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 81551 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 81551 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 81551 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 81551 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 81551 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 81551 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 82627 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 82627 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 82627 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 82627 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 82627 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 82627 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 82627 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 82627 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 82627 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 82627 | 31-Oct-08 | 1 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|-----------------|------|------|-------|-----------|-----------|
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 82627 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 004 | 1 | 82627 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00400 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00400 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00400 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00400 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00400 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00400 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00400 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00400 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00400 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00400 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00400 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00400 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00545 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00545 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00545 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00545 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00545 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00545 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00545 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00545 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00545 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00545 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00545 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00545 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00550 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00550 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00550 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00550 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00550 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00550 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00550 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00550 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00550 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00550 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00550 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 00550 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34010 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34010 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34010 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34010 | 30-Apr-08 | 1 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|-----------------|------|------|-------|-----------|-----------|
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34381 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34381 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34403 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34403 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34403 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34403 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34403 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34403 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34403 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34403 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34403 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34403 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34403 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34403 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34461 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34461 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34461 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34461 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34461 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34461 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34461 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34461 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34461 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34461 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34461 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34461 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34469 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34469 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34469 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34469 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34469 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34469 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34469 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34469 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34469 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34469 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34469 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34469 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34526 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34526 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34526 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34526 | 30-Apr-08 | 1 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|-----------------|------|------|-------|-----------|-----------|
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34526 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34526 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34526 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34526 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34526 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34526 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34526 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34526 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34556 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34556 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34556 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34556 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34556 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34556 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34556 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34556 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34556 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34556 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34556 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34556 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34657 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34657 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34657 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34657 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34657 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34657 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34657 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34657 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34657 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34657 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34657 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34657 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 31-Oct-08 | 1 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|-----------------|------|------|-------|-----------|-----------|
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34675 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34694 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34694 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34694 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34694 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34694 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34694 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34694 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34694 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34694 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34694 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34694 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34694 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34696 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34696 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34696 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34696 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34696 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34696 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34696 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34696 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34696 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34696 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34696 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 34696 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 39032 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 39032 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 39032 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 39032 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 39032 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 39032 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 39032 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 39032 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 39032 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 39032 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 39032 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 39032 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 50050 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 50050 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 50050 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 50050 | 30-Apr-08 | 1 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|-----------------|------|------|-------|-----------|-----------|
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 50050 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 50050 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 50050 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 50050 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 50050 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 50050 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 50050 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 50050 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77151 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77151 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77151 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77151 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77151 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77151 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77151 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77151 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77151 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77151 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77151 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77151 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77416 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77416 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77416 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77416 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77416 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77416 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77416 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77416 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77416 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77416 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77416 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77416 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77571 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77571 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77571 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77571 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77571 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77571 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77571 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77571 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77571 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 77571 | 31-Oct-08 | 1 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|-----------------|------|------|-------|-----------|-----------|
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 78396 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 78396 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 78396 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 78396 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 78396 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 78396 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 78396 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 78396 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 81302 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 81302 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 81302 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 81302 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 81302 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 81302 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 81302 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 81302 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 81302 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 81302 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 81302 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 81302 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 81551 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 81551 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 81551 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 81551 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 81551 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 81551 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 81551 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 81551 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 81551 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 81551 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 81551 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 81551 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 82627 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 82627 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 82627 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 82627 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 82627 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 82627 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 82627 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 82627 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 82627 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 82627 | 31-Oct-08 | 1 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|-----------------|------|------|-------|-----------|-----------|
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 82627 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 005 | 1 | 82627 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00400 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00400 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00400 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00400 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00400 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00400 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00400 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00400 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00400 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00400 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00400 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00400 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00545 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00545 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00545 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00545 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00545 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00545 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00545 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00545 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00545 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00545 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00545 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00545 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00550 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00550 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00550 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00550 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00550 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00550 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00550 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00550 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00550 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00550 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00550 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 00550 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34010 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34010 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34010 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34010 | 30-Apr-08 | 1 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|-----------------|------|------|-------|-----------|-----------|
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34381 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34381 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34403 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34403 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34403 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34403 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34403 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34403 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34403 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34403 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34403 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34403 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34403 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34403 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34461 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34461 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34461 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34461 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34461 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34461 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34461 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34461 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34461 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34461 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34461 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34461 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34469 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34469 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34469 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34469 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34469 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34469 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34469 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34469 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34469 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34469 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34469 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34469 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34526 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34526 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34526 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34526 | 30-Apr-08 | 1 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|-----------------|------|------|-------|-----------|-----------|
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34526 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34526 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34526 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34526 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34526 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34526 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34526 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34526 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34556 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34556 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34556 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34556 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34556 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34556 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34556 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34556 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34556 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34556 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34556 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34556 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34657 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34657 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34657 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34657 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34657 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34657 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34657 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34657 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34657 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34657 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34657 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34657 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34675 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34675 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34675 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34675 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34675 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34675 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34675 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34675 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34675 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34675 | 31-Oct-08 | 1 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|-----------------|------|------|-------|-----------|-----------|
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34675 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34675 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34694 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34694 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34694 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34694 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34694 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34694 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34694 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34694 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34694 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34694 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34694 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34694 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34696 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34696 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34696 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34696 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34696 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34696 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34696 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34696 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34696 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34696 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34696 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 34696 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 39032 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 39032 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 39032 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 39032 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 39032 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 39032 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 39032 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 39032 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 39032 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 39032 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 39032 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 39032 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 50050 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 50050 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 50050 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 50050 | 30-Apr-08 | 1 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|-----------------|------|------|-------|-----------|-----------|
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 50050 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 50050 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 50050 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 50050 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 50050 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 50050 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 50050 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 50050 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77151 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77151 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77151 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77151 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77151 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77151 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77151 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77151 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77151 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77151 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77151 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77151 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77416 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77416 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77416 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77416 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77416 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77416 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77416 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77416 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77416 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77416 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77416 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77416 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77571 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77571 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77571 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77571 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77571 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77571 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77571 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77571 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77571 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 77571 | 31-Oct-08 | 1 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-------------------------|-----------------|------|------|-------|-----------|-----------|
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 78396 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 78396 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 78396 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 78396 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 78396 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 78396 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 78396 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 78396 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 81302 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 81302 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 81302 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 81302 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 81302 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 81302 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 81302 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 81302 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 81302 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 81302 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 81302 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 81302 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 81551 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 81551 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 81551 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 81551 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 81551 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 81551 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 81551 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 81551 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 81551 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 81551 | 31-Oct-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 81551 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 81551 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 82627 | 31-Jan-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 82627 | 29-Feb-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 82627 | 31-Mar-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 82627 | 30-Apr-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 82627 | 31-May-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 82627 | 30-Jun-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 82627 | 31-Jul-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 82627 | 31-Aug-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 82627 | 30-Sep-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 82627 | 31-Oct-08 | 1 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|-----------------------------|--------------------|------|------|-------|-----------|-----------|
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 82627 | 30-Nov-08 | 1 |
| NMBR_OF_RPRT | MO0120294 | Former Koppers Facility | Kansas City, MO | 006 | 1 | 82627 | 31-Dec-08 | 1 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01002 | 31-Mar-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01002 | 30-Jun-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01002 | 31-Aug-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01002 | 31-Dec-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01027 | 31-Mar-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01027 | 30-Jun-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01027 | 31-Aug-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01027 | 31-Dec-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01034 | 31-Mar-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01034 | 30-Jun-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01034 | 31-Aug-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01034 | 31-Dec-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01042 | 31-Mar-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01042 | 30-Jun-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01042 | 31-Aug-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01042 | 31-Dec-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01051 | 31-Mar-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01051 | 30-Jun-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01051 | 31-Aug-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01051 | 31-Dec-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01092 | 31-Mar-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01092 | 30-Jun-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01092 | 31-Aug-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01092 | 31-Dec-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01147 | 31-Mar-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01147 | 30-Jun-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01147 | 31-Aug-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 01147 | 31-Dec-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 71900 | 31-Mar-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 71900 | 30-Jun-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 71900 | 31-Aug-08 | 3 |
| NMBR_OF_RPRT | OH0012661 | Ohio Valley Coal Company | Washington TWP, OH | 013 | 1 | 71900 | 31-Dec-08 | 3 |
| NMBR_OF_RPRT | OH0024996 | Village of Elida | Elida, OH | 001 | 1 | 50286 | 31-Mar-08 | 3 |
| NMBR_OF_RPRT | OH0024996 | Village of Elida | Elida, OH | 001 | 1 | 50286 | 30-Jun-08 | 3 |
| NMBR_OF_RPRT | OH0024996 | Village of Elida | Elida, OH | 001 | 1 | 50286 | 31-Aug-08 | 3 |
| NMBR_OF_RPRT | OH0024996 | Village of Elida | Elida, OH | 001 | 1 | 50286 | 31-Dec-08 | 3 |
| NMBR_OF_RPRT | OH0122432 | Fulton County Commissioners | , OH | 001 | 1 | 50286 | 30-Sep-08 | 12 |
| NMBR_OF_RPRT | SC0034843 | Clemson University WWTF | Clemson, SC | 001 | 1 | 71900 | 31-Dec-08 | 3 |
| NODI_CODE | IDG130011 | Clear Lakes Trout Company | Buhl, ID | 001 | 1 | 01119 | 31-Jan-08 | 9 |
| NODI_CODE | CT0100251 | Hartford WPCF | Hartford, CT | 001 | 1 | 50060 | 31-Jan-08 | 9 |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|---------------------|------------------|------|------|-------|-----------|-----------|
| NODI_CODE | CT0100251 | Hartford WPCF | Hartford, CT | 001 | 1 | 50060 | 28-Feb-08 | 9 |
| NODI_CODE | CT0100251 | Hartford WPCF | Hartford, CT | 001 | 1 | 50060 | 31-Mar-08 | 9 |
| NODI_CODE | CT0100252 | | | 001 | 1 | 50060 | 30-Apr-08 | 9 |
| NODI_CODE | CT0100253 | | | 001 | 1 | 50060 | 31-Oct-08 | 9 |
| NODI_CODE | CT0100254 | | | 001 | 1 | 50060 | 30-Nov-08 | 9 |
| NODI_CODE | CT0100255 | | | 001 | 1 | 50060 | 31-Dec-08 | 9 |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 31-Jan-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 29-Feb-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 31-Mar-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 30-Apr-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 31-May-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 30-Jun-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 31-Jul-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 31-Aug-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 30-Sep-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 31-Oct-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 30-Nov-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 31-Dec-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 31-Jan-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 29-Feb-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 31-Mar-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 30-Apr-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 31-May-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 30-Jun-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 31-Jul-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 31-Aug-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 30-Sep-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 31-Oct-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 30-Nov-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 31-Dec-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 31-Jan-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 29-Feb-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 31-Mar-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 30-Apr-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 31-May-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 30-Jun-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 31-Jul-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 31-Aug-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 30-Sep-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 31-Oct-08 | < |
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 30-Nov-08 | < |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------------|------------------|------|------|-------|-----------|-----------|
| Q1_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 31-Dec-08 | < |
| Q1_QUAL | WV0001279 | E I DUPONT DE NEMOURS & CO | Washington, WV | 002 | 1 | 39700 | 31-Jul-08 | < |
| Q1_QUAL | WV0001279 | E I DUPONT DE NEMOURS & CO | Washington, WV | 005 | 1 | 39700 | 31-Jul-08 | < |
| Q1_QUAL | WV0001279 | E I DUPONT DE NEMOURS & CO | Washington, WV | 105 | 1 | 39700 | 31-Jul-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 31-Jan-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 29-Feb-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 31-Mar-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 30-Apr-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 31-May-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 30-Jun-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 31-Jul-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 31-Aug-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 30-Sep-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 31-Oct-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 30-Nov-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39496 | 31-Dec-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 31-Jan-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 29-Feb-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 31-Mar-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 30-Apr-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 31-May-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 30-Jun-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 31-Jul-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 31-Aug-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 30-Sep-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 31-Oct-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 30-Nov-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39500 | 31-Dec-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 31-Jan-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 29-Feb-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 31-Mar-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 30-Apr-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 31-May-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 30-Jun-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 31-Jul-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 31-Aug-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 30-Sep-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 31-Oct-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 30-Nov-08 | < |
| Q2_QUAL | NY0007129 | Special Metals Corp | New Hartford, NY | 001 | 1 | 39504 | 31-Dec-08 | < |

Table B-2. Corrections Made to *DMRLoads2008*

| Type of Change | NPID | Facility Name | Location | DSCH | MLOC | PRAM | Date | New Value |
|----------------|-----------|----------------------------|----------------|------|------|-------|-----------|-----------|
| Q2_QUAL | WV0001279 | E I DUPONT DE NEMOURS & CO | Washington, WV | 002 | 1 | 39700 | 31-Jul-08 | < |
| Q2_QUAL | WV0001279 | E I DUPONT DE NEMOURS & CO | Washington, WV | 005 | 1 | 39700 | 31-Jul-08 | < |
| Q2_QUAL | WV0001279 | E I DUPONT DE NEMOURS & CO | Washington, WV | 105 | 1 | 39700 | 31-Jul-08 | < |

DEL - Deletion of internal monitoring locations that double count loads in the database. For further information see Section 3.2.7 in the 2009 SLA report (U.S. EPA, 2009).

Table B-3. Parameters Excluded from *DMRLoads2008*

| Parameter Code | Parameter Code Description |
|----------------|---|
| TYP6C | 7-DAY CHR. PIMEPHALE(SUB-LETHAL EFFECT) |
| TYP6B | 7-DAY CHR. MENIDIA (SUB-LETHAL EFFECT) |
| TYP3E | 7-DAY CHR. MYSIDOPSI(SUB-LETHAL EFFECT) |
| TYP3B | 7-DAY CHR. CERIODPHN(SUB-LETHAL EFFECT) |
| TXP6C | 7-DAY CHR. PIMEPHALE(LETHAL EFFECTS) |
| TXP6B | 7-DAY CHR. MENIDIA (LETHAL EFFECTS) |
| TXP3E | 7-DAY CHR. MYSIDOPSI(LETHAL EFFECTS) |
| TXP3B | 7-DAY CHR. CERIODPH (LETHAL EFFECTS) |
| TXM6C | 48-HR PIMEPHALES (LETHAL EFFECTS) |
| TXM6B | 48-HR MENIDIA BERYLL(LETHAL EFFECTS) |
| TXM3E | 48-HR MYSIDOPSIS BAH(LETHAL EFFECTS) |
| TXM3D | 48-HR DAPHNIA PULEX (LETHAL EFFECTS) |
| TWP6C | P/F SUB-LETHAL 7 DAYPINEPHALES PROMELAS |
| TWP6B | P/F SUB-LETHAL 7 DAY MENIDIA MENIDIA |
| TWP3E | P/F SUB-LETHAL 7 DAY MYSIDOPSIS BAHIA |
| TWP3B | P/F SUB-LETHAL 7 DAY CERIODAPHNIA DUBIA |
| TVP3E | '%REPRO REDUC STATRE 7D MYSID. BAHIA' |
| TVP3B | '%REPRO REDUC STATRE7D CHR CERIODAPHNIA' |
| TUG3W | %FERT STATIC 1HR CHRONIC TRIPNEUSTES GRATILLA |
| TTS3N | STATIC 20MIN CHRONIC DENDRASTER EXCENTRI |
| TTS3L | TUC STAT 20MIN CHR STRONGYL. PURPURATUS |
| TTR1F | THALASSIOSIRA PSEUDONANA MAR.DIAT |
| TTP6L | TUC STATRE 7DA CHR ATHERINOPS AFFINIS |
| TTP6J | TUC STATRE 7DAY CHR MENIDIA BERYLLINA |
| TTP6C | TUC STATRE 7DAY CHR PIMPHALES PROMELAS |
| TTP3E | TUC STATRE 7DAY CHR MYSIDOPSIS BAHIA |
| TTP3B | TUC STATRE 7DAY CHR CERIODAPHNIA DUBIA |
| TTK6C | TUC STAT 48HR CHR PIMPHALES PROMELAS |
| TTK3R | TUC STAT 48HR CHR HALIOTIS RUFESCENS |
| TTK1D | TUC STAT 48HR CHR MACROCYSTIS PYRIFERA |
| TTJ3L | TUC STAT 72HR CHR STRONGYL. PURPURATUS |
| TTG3W | STATIC 1HR CHRONIC TRIPNEUSTES GRATILLA |
| TTE3W | STATIC 1HR CHRONIC TRIPNEUSTES GRATILLA |
| TTD6C | TUC STAT 7DAY CHR PIMEPHALES PROMELAS |
| TTD3B | TUC STAT 7DAY CHR CERIODAPHNIA DUBIA |
| TTC1E | TUC STAT 4DAY CHR RAPIDOCE. SUBCAPITA |
| TT000 | TOXICITY, CHRONIC |
| TSN6L | TUA STATRE 96HR ACU ATHERINOPS AFFINIS |
| TSN6I | STATIC RENEWAL 96HR ACUTE ONCORHYNCHUS MYKISS |
| TSI6C | TUA STAT 24HR PIMEPHALES PROMELAS |
| TSA6C | TUA STAT 48HR ACU PIMEPHALES PROMELAS |
| TSA6A | 48HR ACU CYPRINODON VARIEGATU |
| TSA3E | TUA STAT 48HR ACU MYSIDOPSIS BAHIA |

Table B-3. Parameters Excluded from *DMRLoads2008*

| Parameter Code | Parameter Code Description |
|----------------|--|
| TSA3B | TUA STAT 48HR ACU CERIODAPHNIA DUBIA |
| TS000 | TOXICITY, ACUTE, TUA |
| TRX6I | %SURV FLTH 96HR ONCORHYNCHUS MYKISS |
| TRX6C | %SURV FLTH 96HR ACU PIMEPHALES PROMELAS |
| TRP6C | IC25 STATRE 7DAY CHR PIMEPHALES |
| TRP3B | IC25 STATRE 7DAY CHR CERIODAPHNIA |
| TRN6K | %SURV STATRE 96HR GASTEROST. ACULEATUS |
| TRN6I | %SURV STATRE 96HR ONCORHYNCHUS MYKISS |
| TRN6C | %SRV STATRE 96HR ACU PIMEPHALES PROMELAS |
| TRN3B | % SURV STATRE 96HR ACU CERIODAPH. DUBIA |
| TRB6L | %SURV STAT 96HR ACU ATHERINOPS AFFINIS |
| TRB6I | %SURV STAT 96HR ACU ONCORHYNCHUS MYKISS |
| TRB6C | %SURV STAT 96HR ACU PIMPHALES PROMELAS |
| TRB3E | %SURV STATIC 96HR ACUTE MYSIDOPSIS BAHIA |
| TRA3D | %SURV STATIC 48HR ACUTE DAPHNIA PULEX |
| TR000 | TOXICITY, ACUTE, % SURVIVAL |
| TQP6C | COEF OF VAR STATRE 7DAY CHR PIMEPHALES |
| TQP6B | COEF OF VAR STATRE 7DAY CHR MENIDIA |
| TQP3E | COEF OF VAR STATRE 7DAY CHR MYSID. BAHIA |
| TQP3B | COEF OF VAR STATRE 7DAY CHR CERIODAPHNIA |
| TQM6C | COEF OF VAR STATRE 48HR ACU PIMEPHALES |
| TQM6B | COEF OF VAR STATRE 48HR ACU MENIDIA |
| TQM3E | COEF OF VAR STATRE 48HR ACU MYSID. BAHIA |
| TQM3D | COEF OF VAR STATRE 48HR ACU D. PULEX |
| TPP6C | NOEL SUB-LTH STATRE 7DAY CHR PIMEPHALES |
| TPP6B | NOEL SUB-LETH STATRE 7DAY CHR MENIDIA |
| TPP3E | NOEL SUB-LETH STATRE 7DAY CHR MYSID. BAHIA |
| TPP3B | NOEL SUB-LTH STATRE 7DAY CHR CERIODAPHNIA |
| TOP6C | NOEL LETHAL STATRE 7DAY CHR PIMEPHALES |
| TOP6B | NOEL LETHAL STATRE 7DAY CHR MENIDIA |
| TOP3E | NOEL LETHAL STATRE 7DAY CHR MYSID. BAHIA |
| TOP3B | NOEL LETHAL STATRE 7DAY CHR CERIODAPHNIA |
| TOM6C | NOEL LETHAL STATRE 48HR ACU PIMEPHALES |
| TOM6B | NOEL LETHAL STATRE 48HR ACU MENIDIA |
| TOM3E | NOEL LETHAL STATRE 48HR ACU MYSID. BAHIA |
| TOM3D | NOEL LETHAL STATRE 48HR ACU D. PULEX |
| TOM3C | DAPHNIA MAGNA % NOEC48 HOUR ACUTE WET |
| TMM3B | LC10 STATRE 48HR ACUTE CERIODAPHNIA |
| TME6C | PIMEPHALES |
| TME3B | CERIODAPHNIA |
| TLP6C | LF P/F LETH STATRE 7DAY CHR PIMEPHALES |
| TLP6B | LF P/F LETH STATRE 7DAY CHR MENIDIA |
| TLP3E | LF P/F LETH STATRE 7DAY CHR MYSID. BAHIA |

Table B-3. Parameters Excluded from *DMRLoads2008*

| Parameter Code | Parameter Code Description |
|----------------|--|
| TLP3B | LF P/F LETH STATRE 7DAY CHR CERIODAPHNIA |
| TKF3L | TU STATIC 1HR CHRONIC PURPLE SEA URCHIN |
| TJP6C | '%MORTALITY - 7DAY CHR P. PROMELAS TEST' |
| TJP3E | '%MORTALITY 7DAY CHR MYSID. BAHIA' |
| TJP3B | %MORTALITY 7DAY CHR CERIODAPHNIA |
| TJM6C | '%MORTALITY 48HR ACUTE P. PROMELAS TEST' |
| TJM3D | '%MORTALITY 48HOUR ACUTE D. PULEX TEST' |
| TJE6C | %MORTALITY STAT 24HR ACU PIMEPHALES |
| TJE3B | %MORTALITY STAT 24HR ACU CERIODAPHNIA |
| TJA6C | % MORTALITY STAT 48HR ACU PIMEPHALES |
| TJA3B | % MORTALITY STAT 48HR ACU CERIODAPHNIA |
| TIM6C | LC50 STATRE 48HR ACU P. PROMELAS |
| TIM3D | LC50 STATRE 48HR ACU D. PULEX |
| TIE6C | LC50/PF STAT 24HR ACU PIMPHALES |
| TIE6B | LC50/PF STAT 24HR ACU MENIDIA |
| TIE6A | LC50/PF STAT 24HR ACU CYPRINODON |
| TIE3E | LC50/PF STAT 24HR ACU MYSID. BAHIA |
| TIE3D | LC50/PF STAT 24HR ACU D. PULEX |
| TIE3C | DAPHNIA MAGNA SURVI-VAL 24 HR. ACUTE WET |
| TIE3B | LC50 PASS/FAIL STATIC 24HR ACUTE CERIODAPHNIA |
| THP3B | CHV STATRE 7DAY CHR CERIODAPHNIA |
| TGP6C | P/F STATRE 7DAY CHR PIMEPHALES PROMELAS |
| TGP6B | P/F STATRE 7DAY CHR MENIDIA |
| TGP3E | P/F STATRE 7DAY CHR MYSID. BAHIA |
| TGP3B | P/F STATRE 7DAY CHR CERIODAPHNIA |
| TGN6C | P/F STATRE 96HR ACU PIMEPHALES PROMELAS |
| TGM3B | P/F STATRE 48HR ACU CERIODAPHNIA |
| TGE6C | P/F STAT 24HR ACU PIMEPHALES |
| TGE3B | P/F STAT 24HR ACU CERIODAPHNIA |
| TGC6C | PASS/FAIL STATIC 4 DAY CHRONIC PIMEPHALES PROMELAS |
| TGC6A | PASS/FAIL STATIC 4 DAY CHRONIC CYPRINODON VARIEGA |
| TGC3E | PASS/FAIL STATIC 4 DAY CHRONIC MYSIDOPSIS BAHIA |
| TGC3D | PASS/FAIL STATIC 4 DAY CHRONIC DAPHNIA PULEX |
| TGB6C | PASS/FAIL STATIC 96 HR ACUTE PIMEPHALES PROMELAS |
| TGB6A | PASS/FAIL STATIC 96 HR ACUTE CYPRINODON VARIEGA |
| TGA6C | P/F STAT 48HR ACU PIMEPHALES |
| TGA3E | PASS/FAIL STATIC 48HR ACUTE MYSIDOPSIS BAHIA |
| TGA3D | PASS/FAIL STATIC 48HR ACUTE D. PULEX |
| TGA3B | P/F STAT 48HR ACU CERIODAPHNIA |
| TEP6C | LF P/F STATRE 7DAY CHR PIMEPHALES |
| TEP3B | LF P/F STATRE 7DAY CHR CERIODAPHNIA |
| TEO6A | LF P/F STATRE 7DAY CHR CYPRINODON VARIEGA |
| TEO3E | LF PASS/FAIL STATRE 7DAY CHRONIC MYSIDOPSIS BAHIA |

Table B-3. Parameters Excluded from *DMRLoads2008*

| Parameter Code | Parameter Code Description |
|-----------------------|---|
| TEM6C | LF P/F STATRE 48HR ACU PIMEPHALES PROMELA |
| TEM6B | LF P/F STATRE 48HR ACU MENIDIA |
| TEM3E | LF P/F STATRE 48HR ACU MYSIDOPIS BAHIA |
| TEM3D | LF P/F STATRE 48HR ACU DAPHNIA PULEX |
| TEM3C | LF P/F STATRE 48HR ACU DAPHNIA MAGNA |
| TDP6B | NOAEL STATRE 7DAY CHRONIC MENIDIA |
| TDP6A | NOAEL STATRE 7DAY CHRONIC CYPRINODON |
| TDP3E | NOAEL STATRE 7DAY CHRONIC MYSID. BAHIA |
| TDP3A | NOAEL STATRE 7DAY CHRONIC ARBACIA |
| TDN6B | NOAEL STATRE 96HR ACUTE MENIDIA |
| TDN6A | NOAEL STATRE 96HR ACUTE CYPRINODON |
| TDM6C | NOAEL STATRE 48HR ACUTE PIMEPHALES |
| TDM3E | NOAEL STATRE 48HR ACUTE MYSID. BAHIA |
| TDM3D | NOAEL STATRE 48HR ACUTE D. PULEX |
| TDM3B | NOAEL STATRE 48HR ACUTE CERIODAPHNIA |
| TDA6F | NOAEL STAT 48HR ACU SALVEL. SALMONID |
| TDA6C | NOAEL STAT 48HR ACU PIMEPHALES |
| TDA6A | 48HR ACUTE CYPRINODON VARIEGATU |
| TDA3E | NOAEL STATIC 48HR ACUTE MYSID. BAHIA |
| TDA3D | NOAEL STATIC 48HR ACUTE D. PULEX |
| TDA3B | NOAEL STAT 48HR ACU CERIODAPHNIA |
| TCP6B | %EFFECT STATRE 7DAY CHR MENIDIA |
| TCP3E | %EFFECT STATRE 7DAY CHR MYSID. BAHIA |
| TCP3B | %EFFECT STATRE 7DAY CHR CERIODAPHNIA |
| TCN6C | %EFFECT STATRE 96HR ACUTE PIMEPHALES |
| TCN6A | %EFFECT STATRE 96HR ACUTE CYPRINODON |
| TCM6C | %EFFECT STATRE 48HR ACU PIMEPHALES |
| TCM3E | %EFFECT STATRE 48HR ACU MYSID. BAHIA |
| TCM3C | %EFFECT STATRE 48HR ACUTE D. MAGNA |
| TCM3B | %EFFECT STATRE 48HR ACU CERIODAPHNIA |
| TCE6C | %EFFECT STAT 24HR ACU PIMEPHALES |
| TBQ6F | NOEL STATRE 10DAY CHR SALVEL. SALMONID |
| TBP6C | NOEL STATRE 7DAY CHR PIMEPHALES |
| TBP6B | NOEL STATRE 7DAY CHRONIC MENIDIA |
| TBP3E | NOEL STATRE 7DAY CHR MYSID. BAHIA |
| TBP3B | NOEL STATRE 7DAY CHR CERIODAPHNIA |
| TBN3E | NOEL STATRE 96HR ACUTE MYSIDOPSIS BAHIA |
| TBH3A | NOEL STAT 1HR FERT. CHR ARBACIA |
| TBD6C | NOEL STAT 7DAY CHR PIMEPHALES |
| TBD3B | NOEL STAT 7DAY CHR CERIODAPHNIA |
| TBC6C | NOEL STATIC 4DAY CHRONIC PIMEPHALES |
| TBC3B | NOEL STATIC 4DAY CHRONIC CERIODAPHNIA |
| TBA3B | NOEL STAT 48HR ACU CERIODAPHNIA |

Table B-3. Parameters Excluded from *DMRLoads2008*

| Parameter Code | Parameter Code Description |
|----------------|--|
| TAW3B | LC50 FLTH 48HR ACU CERIODAPHNIA |
| TAN6J | LC50 STATRE 96HR ACUMENIDIA BERYLLINA |
| TAN6C | LC50 STATRE 96HR ACU PIMEPHALES |
| TAN6A | LC50 STATRE 96HR ACU CYPRINODON |
| TAN3E | LC50 STATRE 96HR ACU MYSID. BAHIA |
| TAN3B | LC50 STATRE 96HR ACU CERIODAPHNIA |
| TAM6C | LC50 STATRE 48HR ACU PIMEPHALES |
| TAM3D | LC50 STATRE 48HR ACU D. PULEX |
| TAM3C | LC50 STATRE 48HR ACU D. MAGNA |
| TAM3B | LC50 STATRE 48HR ACU CERIODAPHNIA |
| TAE6C | LC50 STAT 1HR CHRONIC PIMEPHALES |
| TAB6C | LC50 STAT 96HR ACU PIMEPHALES |
| TAB3B | LC50 STAT 96HR ACU CERIODAPHNIA |
| TAA6C | LC50 STAT 48HR ACU PIMEPHALES |
| TAA6B | LC50 STATIC 48HR ACUTE MENIDIA |
| TAA6A | LC50 STATIC 48HR ACUTE CYPRINODON |
| TAA3E | LC50 STATIC 48HR ACUTE MYSID. BAHIA |
| TAA3D | LC50 STATIC 48HR ACUTE D. PULEX |
| TAA3B | LC50 STAT 48HR ACU CERIODAPHNIA |
| RAD226 | RADIUM 226 |
| RAD224 | RADIUM 224 |
| ASBST | ASBESTOS |
| 85820 | MONITORING WELL LEVEL FROM THE SURFACE |
| 85817 | GROSS BETA |
| 85779 | PAPER PRODUCTION |
| 85778 | PULP PRODUCTION |
| 85777 | RAW MATERIALS PROCESSED |
| 85663 | VELOCITY OF INTAKE |
| 85662 | FLOW, DIRECTION |
| 85539 | REPORT DUE (YRMODA) |
| 85327 | WATER LEVEL AT SAMP.COLLECTION TIME |
| 84381 | TIDAL STAGE |
| 84165 | DISCHARGE EVENT OBSERVATION |
| 84130 | OUTFALL OBSERVATION,VISUAL, Y/N RESPONSE |
| 84066 | OIL AND GREASE VISUAL |
| 82629 | BACKWASH CYCLES, TOTAL NUMBER OF |
| 82582 | PH RANGE EXCURSIONS, MONTHLY TOTAL ACCUM |
| 82581 | PH RANGE EXCURSIONS, > 60 MINUTES |
| 82578 | DAY - MAX EXCURSION TIME (MIN) |
| 82577 | MONTH EXCURSION TIME(MIN) |
| 82576 | DAILY EXCURSION TIME(MIN) |
| 82575 | PH EXCHANGE (SU) |
| 82550 | OSMOTIC PRESSURE, TOTAL, UNF WHL WTR |

Table B-3. Parameters Excluded from *DMRLoads2008*

| Parameter Code | Parameter Code Description |
|----------------|--|
| 82545 | WATER LEVEL RELATIVETO MEAN SEA LEVEL |
| 82517 | DURATION OF DISCHARGE |
| 82391 | WATER TREATMENT ADDITIVES |
| 82234 | TEMPERATURE RATE OF CHANGE DEG. C/HR |
| 82220 | FLOW, TOTAL |
| 82079 | TURBIDITY, LAB, NTU |
| 82077 | RADIATION, GROSS ALPHA |
| 82074 | TIME, ENDING (HHMM USING 24-HOUR CLOCK) |
| 82073 | TIME, STARTING (HHMMUSING 24-HOUR CLOCK) |
| 81799 | FLOW, AVERAGE STREAM PER COMPOSITE SAMPL |
| 81402 | SETTLEABLE SOLIDS PERCENT REMOVAL |
| 81400 | CHLORINE USAGE |
| 81399 | HEAT (WINTER) (PER DAY) |
| 81398 | HEAT (SUMMER) (PER DAY) |
| 81395 | STORM WATER FLOW |
| 81390 | TEMP. DIFFERENCE, WINTER (DEG. C) |
| 81389 | TEMP. DIFFERENCE, SUMMER (DEG. C) |
| 81387 | HEAT (WINTER) (PER HOUR) |
| 81386 | HEAT (SUMMER) (PER HOUR) |
| 81383 | CARBONACEOUS OXYGEN DEMAND, % REMOVAL |
| 81381 | DURATION OF DISCHARGE |
| 81012 | PHOSPHORUS, TOTAL PERCENT REMOVAL |
| 81011 | SOLIDS, SUSPENDED PERCENT REMOVAL |
| 81010 | BOD, 5-DAY PERCENT REMOVAL |
| 80999 | BYPASS OF TREATMENT |
| 80093 | DILUTION FACTOR |
| 80092 | DECHLORINATION REAGENT, GEN |
| 80045 | ALPHA, GROSS PARTICLE ACTIVITY |
| 80029 | ALPHA GROSS RADIOACTIVITY |
| 79777 | PRECIPITATION VOLUME |
| 78932 | FLOW, AUGMENTED WATER |
| 78887 | PRECIPITATION, MONTHLY ACCUMULATION |
| 78886 | FLOW, PROCESS WASTEWATER |
| 78739 | CHLORINATION DURATION |
| 78738 | CHLORINATION FREQ. |
| 78480 | EFFLUENT DILUTION RATIO |
| 78246 | SOLIDS-FLOTNG-VISUAL DETRMNTN-# DAYS OBS |
| 74076 | FLOW |
| 74069 | STREAM FLOW, ESTIMATED |
| 74063 | OVERFLOW VOLUME (SS0 VOLUME, CSO VOLUME) |
| 74062 | OVERFLOW USE, OCCURANCES |
| 74060 | FLOW RATE |
| 74057 | COLIFORM, FECAL, COLONY FORMING UNITS |

Table B-3. Parameters Excluded from *DMRLoads2008*

| Parameter Code | Parameter Code Description |
|----------------|---|
| 74056 | COLIFORM, TOTAL GENERAL |
| 74055 | COLIFORM, FECAL GENERAL |
| 74054 | STREPTOCOCCI, FECAL GENERAL |
| 74028 | TEMPERATURE, WINTER (DEG. F) |
| 74027 | TEMPERATURE, SUMMER (DEG. F) |
| 74020 | FLOW - PUMP OUT |
| 74013 | CALCULATED LIMIT |
| 74008 | POWER PLANT LOAD IN MEGAWATTS |
| 72108 | % OF TIME EXCEEDING PH LIMITS |
| 72107 | LENGTH OF LONGEST PH EXCURSION |
| 72025 | DEPTH OF POND OR RESERVOIR IN FEET |
| 72019 | DEPTH TO WATER LEVEL FT BELOW LANDSURFACE |
| 71820 | DENSITY OF WATER AT 20 DEG. C |
| 70014 | TEMP. DIFFERENCE WINTER (DEG. F) |
| 70013 | TEMP. DIFFERENCE SUMMER (DEG. F) |
| 61942 | PH, MINIMUM |
| 61941 | PH, MAXIMUM |
| 61577 | TEMP. DIFF. BETWEEN INTAKE AND DISCHARGE |
| 61576 | TEMP. DIFF. BETWEEN INTAKE AND DISCHARGE |
| 61575 | NET RATE OF ADDITION OF HEAT |
| 61428 | TOXICITY, PIMEPHALES CHRONIC |
| 61427 | TOXICITY, PIMEPHALES ACUTE |
| 61426 | TOXICITY, CERIODAPHNIA CHRONIC |
| 61425 | TOXICITY, CERIODAPHNIA ACUTE |
| 61406 | TOXICITY, FINAL CONC TOXICITY UNITS |
| 61402 | BIOASSAY (96 HR.) |
| 61400 | BIOASSAY (24 HR.) |
| 61211 | ENTEROCOCCI, COLONY FORMING UNITS |
| 61167 | CATIONS, TOTAL |
| 61166 | SODIUM, % TOTAL CATIONS |
| 52340 | TURBIDITY, CHANGE |
| 52140 | PRESSURE, CASING |
| 51486 | APPARENT COLOR (ADMI UNITS) |
| 51433 | THERMAL DISCHARGE, MILLION BTUS/DAY |
| 51405 | EXCESS THERMAL LOAD |
| 51400 | DMR SUBMITTED |
| 51201 | COLOR |
| 51182 | PRODUCTION DIVIDED BY DAYS OPERATED MO. |
| 51169 | HEMATITE PRODUCTION |
| 51168 | PRIORITY POLLUTANTS SCAN (YES/NO) |
| 51125 | APPLICATION RATE WEEKLY SPRAY IRR. |
| 51124 | APPLICATION RATE DAILY SPRAY IRR. |
| 51061 | FLOW (DRY WEATHER) |

Table B-3. Parameters Excluded from *DMRLoads2008*

| Parameter Code | Parameter Code Description |
|----------------|--|
| 51041 | E.COLI, COLONY FORMING UNITS (CFU) |
| 51040 | E.COLI |
| 51019 | KAPPA NUMBER KAPPA NUMBER |
| 50797 | CARCINOGEN ADDITIVITY FACTOR |
| 50068 | CHLORINATION |
| 50059 | CHLORINE RATE |
| 50058 | CHLORINE DOSE |
| 50047 | FLOW, MAXIMUM DURING 24 HR PERIOD |
| 50045 | APPLICATION RATE AREA SPRAYED |
| 50037 | DURATION OF DISCHARGE |
| 48201 | COLIFORM, FECAL MPN + MEMBRANE FTL 44.5 C |
| 46529 | RAINFALL |
| 46478 | EQUIPMENT INSPECTION - VISUAL |
| 45614 | SANITARY WASTE DISCHARGED-ASSESSMNT |
| 45613 | FLOATING SOLIDS OR VISIBLE FOAM-VISUAL |
| 45600 | TEMPERATURE, LENGTH OF EXCURSION |
| 34782 | STREAM STAGE |
| 34228 | ASBESTOS (FIBROUS) DRY WEIGHT |
| 34225 | ASBESTOS (FIBROUS) |
| 31679 | FECAL STREPTOCOCCI, MF M-ENTEROCOCCUS AG |
| 31648 | E.COLI, MTEC-MF |
| 31639 | ENTEROCOCCI: GROUP D MF TRANS, M-E, EIA |
| 31633 | E.COLI, THERMOTOL, MF, M-TEC |
| 31616 | COLIFORM, FECAL MF, M-FC BROTH,44.5C |
| 31615 | FECAL COLIFORM, MPN,EC MED, 44.5C |
| 31613 | COLIFORM, FECAL MF, MFC AGAR, 44.5 C, 24HR |
| 30500 | COLIFORM, FECAL - % SAMPLE EXCEEDS LIMIT |
| 24501 | RADIUM 224, TOTAL |
| 22416 | WHOLE EFFLUENT TOXICITY - RETEST #2 |
| 22415 | WHOLE EFFLUENT TOXICITY - RETEST #1 |
| 22414 | WHOLE EFFLUENT TOXICITY |
| 11506 | RADIUM 224 |
| 11503 | RADIUM 226 + RADIUM 228, TOTAL |
| 9503 | RADIUM 226, DISSOLVED |
| 9501 | RADIUM 226, TOTAL |
| 5501 | GAMMA, TOTAL |
| 4278 | SEAFOOD PRODUCTION, EFFLUENT # DAY/MO |
| 4244 | PRODUCED WATER, RADIUM 226, TOTAL |
| 4223 | TRO-DISCHARGE TIME |
| 3812 | TOXICITY, SALMO CHRONIC |
| 3811 | TOXICITY, SALMO ACUTE |
| 3772 | TEMP. DIFF. BETWEEN UP/DOWN STREAM DEG.F |
| 3599 | TOXICITY, CHOICE OF SPECIES |

Table B-3. Parameters Excluded from *DMRLoads2008*

| Parameter Code | Parameter Code Description |
|----------------|--|
| 3598 | TOXICITY |
| 3520 | RADIATION, GROSS BETA |
| 3505 | BETA, SUSPENDED |
| 3503 | BETA, DISSOLVED |
| 3501 | BETA, TOTAL |
| 1505 | ALPHA, SUSPENDED |
| 1503 | ALPHA, DISSOLVED |
| 1501 | ALPHA, TOTAL |
| 1352 | DISCHARGE FLOW AS % OF STREAM FLOW |
| 1350 | TURBIDITY (SEVERITY) |
| 1330 | ODOR, ATMOSPHERIC (SEVERITY) |
| 1300 | OIL & GREASE SEVERITY |
| 1290 | COLOR (ADMI UNITS) |
| 1287 | APPLICATION WEEKLY SPRAY IRRIGATION |
| 977 | FIBERS, NON-AMPHIBOLE, NON-CHRYSOTILE ASBESTOS |
| 976 | FIBERS, AMBIGUOUS ASBESTOS |
| 969 | FIBERS, CHRYSOTILE ASBESTOS |
| 948 | ASBESTOS |
| 931 | SODIUM ADSORPTION RATIO |
| 663 | TOTAL PHOSPHORUS EXCEEDANCES |
| 545 | SOLIDS, SETTLEABLE |
| 480 | SALINITY |
| 400 | PH |
| 301 | OXYGEN, DISSOLVED PERCENT SATURATION |
| 208 | CHLORINE, TOTAL RESIDUAL (DSG. TIME) |
| 193 | PRECIPITATION, TOTAL DEFINED PERIOD/ IN |
| 189 | RADIOACTIVITY |
| 184 | COAGULANTS ADDED |
| 180 | PLANT CAPACITY FACT. PERCENT OF CAPACITY |
| 179 | WASTE HEAT REJECTION RATE |
| 175 | NITROGEN, AMMONIA, PERCENT REMOVAL |
| 164 | FLOW, GALLONS/BATCH |
| 152 | OIL AND GREASE PER PRODUCTION |
| 151 | NITROGEN, AMMONIA PER CFS OF STREAMFLW |
| 146 | CHEM. OXYGEN DEMAND PER PRODUCTION |
| 145 | TOTAL PRODUCTION |
| 135 | RAINFALL DURATION |
| 132 | DRY DAYS PRECEDING PRECIPITATION EVENT |
| 95 | SPECIFIC CONDUCTANCE |
| 94 | CONDUCTIVITY |
| 92 | FLOW, MAXIMUM FLOW RANGE |
| 90 | REDOX (OXIDATION REDUCTION POTENTIAL) |
| 84 | COLOR |

Table B-3. Parameters Excluded from *DMRLoads2008*

| Parameter Code | Parameter Code Description |
|-----------------------|--|
| 83 | COLOR, SPECTROPHOTO-METRIC FILTER |
| 82 | COLOR, SPECTROPHOTO, WTR SMPL AT 7.6 PH |
| 80 | COLOR (PT-CO UNITS) |
| 76 | TURBIDITY, HCH TURBIDIMETER |
| 70 | TURBIDITY |
| 67 | TIDE STAGE |
| 61 | STREAM FLOW, INSTANTANEOUS |
| 60 | STREAM FLOW, MEAN.DAILY |
| 58 | FLOW RATE |
| 56 | FLOW RATE |
| 18 | TEMP. DIFF. BETWEEN SAMP. & UPSTRM DEG.F |
| 17 | THERMAL DISCHARGE MILLION BTUS PER DAY |
| 16 | TEMP. DIFF. BETWEEN SAMP. & UPSTRM DEG.C |
| 15 | THERMAL DISCHARGE MILLION BTUS PER HR. |
| 11 | TEMPERATURE, WATER DEG. FAHRENHEIT |
| 10 | TEMPERATURE, WATER DEG. CENTIGRADE |

Appendix C

RESULTS OF *TRIRELEASES2008_V3* and *DMRLOADS2008_V2*

| | |
|-----------|--|
| Table C-1 | Category Rankings by TWPE from <i>TRIRelases2008</i> |
| Table C-2 | Category Rankings by TWPE from <i>DMRLoads2008</i> |
| Table C-3 | NAICS Code Rankings by TWPE <i>TRIRelases2008</i> |
| Table C-4 | SIC Code Rankings by TWPE <i>DMRLoads2008</i> |
| Table C-5 | Chemical Rankings by TWPE <i>TRIRelases2008</i> |
| Table C-6 | Chemical Rankings by TWPE <i>DMRLoads2008</i> |
| Table C-7 | Combined Category Rankings by TWPE Excluding Minor Dischargers |

Table C-1. Category Rankings by TWPE from *TRIRelases2008*

| 40 CFR Part of SIC Group | Point Source Category | Number of Facilities | Total Discharge before POTW Removal | Total Pounds Released | TWPE |
|---------------------------------|---|-----------------------------|--|------------------------------|-------------|
| 423 | Steam Electric Power Generating | 368 | 5,440,000 | 5,430,000 | 1,550,000 |
| 414.1 | Chlorine And Chlorinated Hydrocarbons | 41 | 3,040,000 | 1,870,000 | 956,000 |
| 430 | Pulp, Paper And Paperboard | 250 | 40,300,000 | 19,300,000 | 523,000 |
| 419 | Petroleum Refining | 298 | 28,600,000 | 25,700,000 | 410,000 |
| 414 | Organic Chemicals, Plastics And Synthetic Fibers | 679 | 90,100,000 | 27,600,000 | 137,000 |
| 420 | Iron And Steel Manufacturing | 221 | 36,200,000 | 34,100,000 | 111,000 |
| 440 | Ore Mining And Dressing | 34 | 496,000 | 491,000 | 109,000 |
| 463 | Plastics Molding And Forming | 123 | 15,100,000 | 2,200,000 | 74,700 |
| 433 | Metal Finishing | 1,817 | 26,800,000 | 6,360,000 | 74,400 |
| 415 | Inorganic Chemicals Manufacturing | 162 | 31,300,000 | 8,510,000 | 71,300 |
| 432 | Meat and Poultry Products | 169 | 80,700,000 | 76,000,000 | 61,600 |
| 421 | Nonferrous Metals Manufacturing | 122 | 5,390,000 | 4,190,000 | 38,700 |
| 455 | Pesticide Chemicals | 73 | 3,560,000 | 2,090,000 | 35,500 |
| 458 | Carbon Black Manufacturing | 7 | 279 | 279 | 27,600 |
| 429 | Timber Products Processing | 122 | 302,000 | 48,400 | 27,300 |
| 471 | Nonferrous Metals Forming And Metal Powders | 115 | 9,950,000 | 1,520,000 | 20,900 |
| 97 | National Security & International Affairs | 51 | 16,600,000 | 16,500,000 | 20,300 |
| 424 | Ferroalloy Manufacturing | 5 | 237,000 | 237,000 | 12,900 |
| 444 | Waste Combustors | 16 | 237,000 | 77,400 | 8,830 |
| 418 | Fertilizer Manufacturing | 42 | 5,290,000 | 5,220,000 | 8,120 |
| 428 | Rubber Manufacturing | 183 | 1,570,000 | 883,000 | 7,180 |
| 95 | Environmental Quality & Housing | 1 | 93,800 | 93,800 | 7,160 |
| 425 | Leather Tanning And Finishing | 16 | 601,000 | 304,000 | 6,990 |
| 439 | Pharmaceutical Manufacturing | 92 | 7,430,000 | 1,540,000 | 6,890 |
| 437 | Centralized Waste Treatment | 39 | 2,550,000 | 445,000 | 6,850 |
| 467 | Aluminum forming | 115 | 2,060,000 | 340,000 | 5,830 |
| 406 | Grain mills | 38 | 7,400,000 | 2,510,000 | 5,600 |
| 503 | Miscellaneous Foods And Beverages | 141 | 10,600,000 | 6,410,000 | 5,210 |
| 464 | Metal Molding And Casting (Foundries) | 206 | 1,840,000 | 212,000 | 5,040 |
| 407 | Canned And Preserved Fruits And Vegetables Processing | 27 | 7,320,000 | 6,420,000 | 4,810 |
| 468 | Copper forming | 114 | 733,000 | 109,000 | 4,780 |
| 405 | Dairy products processing | 274 | 23,600,000 | 4,960,000 | 3,750 |
| 4952 | Sewerage Systems | 1 | 4,830,000 | 4,830,000 | 3,600 |
| 469 | Electrical And Electronic Components | 85 | 10,800,000 | 2,970,000 | 3,580 |
| 436 | Mineral Mining And Processing | 93 | 3,570,000 | 2,830,000 | 3,390 |
| 413 | Electroplating | 311 | 7,760,000 | 788,000 | 2,860 |
| 410 | Textile Mills | 63 | 3,360,000 | 1,480,000 | 2,750 |
| 502 | Tobacco Products | 19 | 192,000 | 177,000 | 1,790 |
| 461 | Battery Manufacturing | 48 | 754,000 | 77,000 | 1,580 |
| 438 | Metal Products And Machinery | 47 | 33,800 | 10,900 | 1,400 |
| 434 | Coal Mining | 18 | 626,000 | 626,000 | 1,280 |
| 443 | Paving And Roofing Materials (Tars And Asphalt) | 26 | 1,470 | 258 | 927 |
| 445 | Landfills | 18 | 284,000 | 78,300 | 781 |
| 417 | Soap And Detergent Manufacturing | 70 | 685,000 | 80,800 | 776 |
| 422 | Phosphate Manufacturing | 10 | 48,600 | 48,600 | 657 |
| 446 | Paint Formulating | 60 | 1,030,000 | 84,900 | 551 |
| 411 | Cement Manufacturing | 60 | 5,370 | 5,260 | 529 |
| 426 | Glass Manufacturing | 58 | 831,000 | 118,000 | 473 |

Table C-1. Category Rankings by TWPE from *TRIRelases2008*

| 40 CFR Part of SIC Group | Point Source Category | Number of Facilities | Total Discharge before POTW Removal | Total Pounds Released | TWPE |
|---|---|---------------------------------|--|----------------------------------|-------------|
| 501 | Drinking Water Treatment | 3 | 7,820 | 5,870 | 401 |
| 409 | Sugar Processing | 16 | 573,000 | 227,000 | 205 |
| 465 | Coil Coating | 40 | 61,500 | 20,200 | 191 |
| 508 | Printing & Publishing | 63 | 361,000 | 31,800 | 141 |
| 408 | Canned And Preserved Seafood Processing | 7 | 145,000 | 145,000 | 108 |
| 454 | Gum And Wood Chemicals Manufacturing | 12 | 79,800 | 9,080 | 69.5 |
| 92 | Justice, Public Order, & Safety | 1 | 28.8 | 28.8 | 64.5 |
| 507 | Independent And Stand Alone Labs | 4 | 48,500 | 47,300 | 49.9 |
| 457 | Explosives Manufacturing | 10 | 29,900 | 21,800 | 43.2 |
| 447 | Ink Formulating | 7 | 2,920 | 443 | 35.4 |
| 7 | Agricultural Services | 1 | 43,100 | 43,100 | 32.2 |
| 466 | Porcelain Enameling | 4 | 432 | 356 | 18.5 |
| 23 | Apparel & Other Textile Products | 2 | 6,420 | 3,910 | 4.48 |
| 51 | Wholesale Trade- Nondurable Goods | 1 | 34,300 | 3,430 | 2.56 |
| 50 | Wholesale Trade- Durable Goods | 3 | 8 | 8 | 1.44 |
| 54 | Food Stores | 1 | 15,000 | 1,500 | 1.12 |
| 12 | Coal Mining | 1 | 1.61 | 1.61 | 0.428 |
| 20 | Food & Kindred Products | 1 | 0.7 | 0.7 | 0.268 |
| 42 | Trucking & Warehousing | 1 | 15 | 15 | 0.239 |
| 73 | Business Services | 2 | 31 | 5.35 | 0.0293 |
| 39 | Misc. Manuf. Industries | 1 | 5 | 5 | 0.0281 |
| 91 | Executive, Legislative, & General | 1 | 39,500 | 39,500 | |

Table C-2. Category Rankings by TWPE from *DMRLoads2008*

| 40 CFR Part or SIC Group | Point Source Category | Type of Group | Number of Facilities | TOTAL_LBY | TOTAL_TWPE |
|---|--|--------------------------|---------------------------------|------------------|-------------------|
| 423 | Steam electric power generating | PSC | 973 | 23,500,000,000 | 36,000,000 |
| 414.1 | Chlorine and chlorinated hydrocarbons | REV | 46 | 1,980,000,000 | 1,520,000 |
| 421 | Nonferrous metals manufacturing | PSC | 68 | 1,760,000,000 | 955,000 |
| 418 | Fertilizer manufacturing | PSC | 54 | 160,000,000 | 818,000 |
| 501 | Drinking Water Treatment | PNC | 1315 | 3,480,000,000 | 698,000 |
| 419 | Petroleum refining | PSC | 727 | 7,740,000,000 | 618,000 |
| 420 | Iron and steel manufacturing | PSC | 163 | 834,000,000 | 616,000 |
| 414 | Organic chemicals, plastics and synthetic fibers | PSC | 545 | 4,740,000,000 | 512,000 |
| 430 | Pulp, paper and paperboard | PSC | 267 | 2,350,000,000 | 510,000 |
| 433 | Metal Finishing | PSC | 860 | 1,170,000,000 | 469,000 |
| 440 | Ore mining and dressing | PSC | 117 | 558,000,000 | 339,000 |
| 65 | Real Estate | SIC | 1669 | 168,000,000,000 | 274,000 |
| 410 | Textile mills | PSC | 106 | 39,500,000 | 247,000 |
| 444 | Waste combustors | PSC | 306 | 3,970,000,000 | 245,000 |
| 500 | Airport Deicing | PNC | 66 | 2,730,000,000 | 236,000 |
| 415 | Inorganic chemicals manufacturing | PSC | 206 | 1,790,000,000 | 228,000 |
| 70 | Hotels & Other Lodging Places | SIC | 663 | 13,000,000,000 | 212,000 |
| 503 | Miscellaneous Foods and Beverages | PNC | 152 | 110,000,000 | 193,000 |
| 445 | Landfills | PSC | 383 | 4,810,000,000 | 191,000 |
| 411 | Cement manufacturing | PSC | 202 | 441,000,000 | 189,000 |
| 435 | Oil & Gas Extraction | PSC | 135 | 1,240,000,000 | 189,000 |
| 507 | Independent and Stand Alone Labs | PNC | 43 | 7,650,000,000 | 186,000 |
| 42 | Trucking & Warehousing | SIC | 136 | 1,120,000,000 | 186,000 |
| 463 | Plastics molding and forming | PSC | 105 | 1,230,000,000 | 174,000 |
| 82 | Educational Services | SIC | 1107 | 67,300,000,000 | 150,000 |
| 55 | Automotive Dealers & Service Stations | SIC | 369 | 2,610,000,000 | 136,000 |
| 79 | Amusement & Recreation Services | SIC | 317 | 450,000,000 | 132,000 |
| 464 | Metal molding and casting (foundries) | PSC | 65 | 1,140,000,000 | 122,000 |
| 505 | Food Service Establishments | PNC | 140 | 174,000,000,000 | 119,000 |
| 455 | Pesticide chemicals | PSC | 212 | 109,000,000 | 114,000 |
| 436 | Mineral Mining and Processing | PSC | 1144 | 8,250,000,000 | 100,000 |
| 99 | Non classifiable Establishments | SIC | 357 | 6,210,000,000 | 85,300 |
| 434 | Coal mining | PSC | 364 | 1,240,000,000 | 76,400 |
| 88 | Private Households | SIC | 12 | 18,500,000 | 74,400 |
| 428 | Rubber Manufacturing | PSC | 106 | 2,280,000,000 | 73,700 |
| 97 | National Security & International Affairs | SIC | 114 | 582,000,000 | 53,700 |
| 439 | Pharmaceutical manufacturing | PSC | 81 | 74,700,000 | 49,100 |
| 54 | Food Stores | SIC | 42 | 14,800,000,000 | 37,300 |
| 409 | Sugar processing | PSC | 27 | 12,900,000,000 | 35,300 |
| 467 | Aluminum forming | PSC | 39 | 10,300,000 | 33,700 |
| 87 | Engineering & Management Services | SIC | 28 | 1,190,000,000 | 33,100 |
| 24 | Lumber & Wood Products | SIC | 30 | 13,700,000 | 32,300 |
| 429 | Timber products processing | PSC | 176 | 42,500,000 | 31,500 |
| 84 | Museums, Botanical, Zoological Gardens | SIC | 40 | 1,210,000,000 | 28,100 |
| 432 | Meat and Poultry Products | PSC | 202 | 1,250,000,000 | 26,700 |
| 437 | Centralized Waste Treatment | PSC | 10 | 149,000,000 | 25,500 |
| 451 | Concentrated Aquatic Animal Production | PSC | 213 | 210,000,000 | 24,200 |
| 51 | Wholesale Trade- Nondurable Goods | SIC | 105 | 2,010,000,000 | 23,800 |
| 999 | Superfund Sites | | 1 | 951,000 | 20,500 |

Table C-2. Category Rankings by TWPE from *DMRLoads2008*

| 40 CFR Part or SIC Group | Point Source Category | Type of Group | Number of Facilities | TOTAL_LBY | TOTAL_TWPE |
|---|---|--------------------------|---------------------------------|------------------|-------------------|
| 92 | Justice, Public Order, & Safety | SIC | 96 | 6,000,000 | 18,700 |
| 422 | Phosphate manufacturing | PSC | 24 | 37,200,000 | 17,200 |
| 460 | Hospital | PSC | 206 | 2,460,000,000 | 15,700 |
| 471 | Nonferrous metals forming and metal powders | PSC | 43 | 9,970,000 | 15,000 |
| 469 | Electrical and electronic components | PSC | 13 | 45,900,000 | 12,300 |
| 20 | Food & Kindred Products | SIC | 30 | 21,400,000 | 10,400 |
| 457 | Explosives manufacturing | PSC | 15 | 784,000,000 | 10,400 |
| 49 | Electric, Gas, & Sanitary Services | SIC | 107 | 212,000,000 | 6,160 |
| 12 | Coal Mining - SIC 12 | SIC | 52 | 30,600,000 | 6,020 |
| 406 | Grain mills | PSC | 45 | 137,000,000 | 4,300 |
| 504 | Construction and Development | PNC | 21 | 30,500,000 | 3,990 |
| 96 | Administration of Economic Programs | SIC | 62 | 26,800,000 | 3,600 |
| 50 | Wholesale Trade- Durable Goods | SIC | 92 | 2,090,000,000 | 3,490 |
| 95 | Environmental Quality & Housing | SIC | 141 | 207,000,000 | 3,030 |
| 424 | Ferrous alloy manufacturing | PSC | 9 | 4,130,000 | 2,560 |
| 23 | Apparel & Other Textile Products | SIC | 4 | 2,010,000 | 2,520 |
| 468 | Copper forming | PSC | 29 | 6,290,000 | 2,470 |
| 438 | Metal Products and Machinery | PSC | 518 | 133,000,000 | 2,060 |
| 4959 | Sanitary Services | SIC | 65 | 224,000,000 | 2,050 |
| 442 | Transportation Equipment Cleaning | PSC | 76 | 813,000,000 | 1,840 |
| 1 | Agricultural Production - Crops | SIC | 18 | 23,900,000 | 1,580 |
| 405 | Dairy products processing | PSC | 77 | 37,700,000 | 1,450 |
| 47 | Transportation Services | SIC | 31 | 52,900,000 | 1,450 |
| 15 | General Building Contractors | SIC | 24 | 17,800,000 | 1,440 |
| 86 | Membership Organizations | SIC | 197 | 12,100,000,000 | 1,230 |
| 13 | Natural Gas Liquids | SIC | 23 | 2,690,000 | 1,110 |
| 89 | Services, Not Elsewhere Classified | SIC | 236 | 1,390,000 | 939 |
| 408 | Canned and preserved seafood processing | PSC | 76 | 269,000,000 | 932 |
| 426 | Glass manufacturing | PSC | 60 | 17,200,000 | 917 |
| 32 | Stone, Clay, & Glass Products | SIC | 36 | 529,000,000 | 844 |
| 443 | Paving and roofing materials (tars and asphalt) | PSC | 72 | 14,200,000 | 751 |
| 41 | Local & Interurban Passenger Transit | SIC | 13 | 599,000 | 688 |
| 508 | Printing & Publishing | PNC | 16 | 13,800,000 | 671 |
| 412 | CAFO | PSC | 29 | 142,000,000 | 632 |
| 461 | Battery manufacturing | PSC | 8 | 125,000 | 622 |
| 407 | Canned and preserved fruits and vegetables processing | PSC | 75 | 73,100,000 | 519 |
| 465 | Coil coating | PSC | 5 | 43,400,000 | 501 |
| 83 | Social Services | SIC | 104 | 1,750,000 | 408 |
| 458 | Carbon black manufacturing | PSC | 5 | 840,000 | 335 |
| 7 | Agricultural Services | SIC | 9 | 32,900 | 302 |
| 45 | Transportation by Air | SIC | 8 | 10,300,000 | 274 |
| 46 | Pipelines, Except Natural Gas | SIC | 76 | 289,000,000 | 219 |
| 454 | Gum and wood chemicals manufacturing | PSC | 12 | 3,700,000 | 218 |
| 17 | Special Trade Contractors | SIC | 27 | 745,000,000 | 198 |
| 91 | Executive, Legislative, & General | SIC | 42 | 7,340,000 | 154 |
| 75 | Auto Repair, Services, & Parking | SIC | 67 | 4,230,000,000 | 115 |
| 26 | Paper & Allied Products | SIC | 6 | 128,000 | 107 |
| 72 | Personal Services- SIC 72 | SIC | 40 | 103,000 | 102 |

Table C-2. Category Rankings by TWPE from *DMRLoads2008*

| 40 CFR Part or SIC Group | Point Source Category | Type of Group | Number of Facilities | TOTAL_LBY | TOTAL_TWPE |
|---|--|--------------------------|---------------------------------|------------------|-------------------|
| 48 | Communications | SIC | 4 | 119,000 | 87 |
| 417 | Soap and detergent manufacturing | PSC | 13 | 1,900,000 | 79.9 |
| 73 | Business Services | SIC | 23 | 727,000 | 76 |
| 59 | Miscellaneous Retail | SIC | 37 | 2,030,000 | 30.8 |
| 53 | General Merchandise Stores | SIC | 12 | 2,620,000,000 | 30.4 |
| 447 | Ink formulating | PSC | 6 | 3,130 | 24.8 |
| 446 | Paint formulating | PSC | 20 | 61,400 | 18.3 |
| 425 | Leather tanning and finishing | PSC | 2 | 62,200 | 17.5 |
| 94 | Administration of Human Resources | SIC | 1 | 10,700 | 14.8 |
| 58 | Eating & Drinking Places | SIC | 19 | 986,000,000 | 11.7 |
| 502 | Tobacco Products | PNC | 3 | 49,900 | 11.3 |
| 44 | Water Transportation | SIC | 26 | 394,000 | 8.99 |
| 60 | Depository Institutions | SIC | 3 | 3,080 | 7.82 |
| 466 | Porcelain Enameling | PSC | 2 | 6,360 | 7.43 |
| 67 | Holding & Other Investment Offices | SIC | 6 | 131,000,000 | 3.88 |
| 9 | Fishing, Hunting, & Trapping | SIC | 23 | 309,000 | 2.85 |
| 57 | Furniture & Homefurnishings Stores | SIC | 1 | 37,900,000 | 2.73 |
| 43 | U.S. Postal Service | SIC | 4 | 1,990,000,000 | 1.72 |
| 52 | Building Materials& Gardening Supplies | SIC | 3 | 5,070 | 1.69 |
| 427 | Asbestos manufacturing | PSC | 2 | 38,000 | 1.42 |
| 2 | Agricultural Production - Livestock | SIC | 1 | 0 | 1 |
| 78 | Motion Pictures | SIC | 1 | 0 | 1 |
| 506 | Industrial Laundries | PNC | 3 | 81,400 | 0.321 |
| 16 | Heavy Construction, Except Building | SIC | 15 | 668,000 | 0.154 |
| 459 | Photographic | PSC | 2 | 79,300 | 0.0328 |
| 509 | Photo Processing | PNC | 2 | 79,300 | 0.0328 |
| 61 | Nondepository Institutions | SIC | 2 | 3,540 | 0.022 |
| 8 | Forestry | SIC | 1 | 431 | 0 |

Table C-3. NAICS Code Rankings by TWPE TRIRelases2008

| NAICS Code | NAICS Code Description | Direct Dischargers | Indirect Dischargers | Both Direct and Indirect Dischargers | Number of Facilities Reporting Releases to Any Medium | Total Pounds Released | TWPE (lb-eq/yr) |
|------------|---|--------------------|----------------------|--------------------------------------|---|-----------------------|-----------------|
| 221112 | Fossil Fuel Electric Power Generation | 328 | 22 | 15 | 633 | 5,400,000 | 1,550,000 |
| VCCA | Vinyl Chloride and Chlor-Alkali | 32 | 5 | 4 | 60 | 1,870,000 | 956,000 |
| 324110 | Petroleum Refineries | 92 | 21 | 13 | 157 | 25,400,000 | 409,000 |
| 322110-1 | Pulp Mills (Phase I) | 27 | 2 | 0 | 29 | 4,580,000 | 145,000 |
| 322121-1 | Paper (except Newsprint) Mills (Phase I) | 34 | 0 | 1 | 36 | 5,500,000 | 143,000 |
| 331111 | Iron and Steel Mills | 72 | 6 | 24 | 125 | 22,600,000 | 93,300 |
| 322130-2 | Paperboard Mills (Phase II) | 39 | 14 | 2 | 61 | 2,550,000 | 84,000 |
| 212234 | Copper Ore and Nickel Ore Mining | 5 | 0 | 1 | 21 | 69,800 | 59,200 |
| 326113 | Unlaminated Plastics Film and Sheet (except Packaging) Manufacturing | 7 | 18 | 3 | 80 | 524,000 | 56,100 |
| 325199 | All Other Basic Organic Chemical Manufacturing | 73 | 126 | 17 | 379 | 13,000,000 | 55,000 |
| 325131 | Inorganic Dye and Pigment Manufacturing | 14 | 9 | 4 | 41 | 1,490,000 | 50,500 |
| 322130-1 | Paperboard Mills (Phase I) | 7 | 0 | 0 | 7 | 1,190,000 | 40,700 |
| 325110 | Petrochemical Manufacturing | 30 | 15 | 1 | 67 | 3,020,000 | 38,400 |
| 212231 | Lead Ore and Zinc Ore Mining | 14 | 0 | 0 | 15 | 62,000 | 38,100 |
| 311611 | Animal (except Poultry) Slaughtering | 14 | 12 | 5 | 50 | 39,400,000 | 33,500 |
| 325182 | Carbon Black Manufacturing | 7 | 0 | 0 | 20 | 279 | 27,600 |
| 325211 | Plastics Material and Resin Manufacturing | 61 | 80 | 23 | 348 | 3,240,000 | 27,000 |
| 325320 | Pesticide and Other Agricultural Chemical Manufacturing | 20 | 14 | 3 | 103 | 2,090,000 | 24,800 |
| 322121-2 | Paper (except Newsprint) Mills (Phase II) | 36 | 10 | 3 | 59 | 1,500,000 | 24,100 |
| 311615 | Poultry Processing | 61 | 27 | 7 | 125 | 31,200,000 | 24,100 |
| 321114 | Wood Preservation | 54 | 7 | 12 | 260 | 31,400 | 23,600 |
| 322122-1 | Newsprint Mills (Phase I) | 3 | 0 | 0 | 3 | 424,000 | 22,000 |
| 331419 | Primary Smelting and Refining of Nonferrous Metal (except Copper and Aluminum) | 7 | 9 | 2 | 30 | 2,220,000 | 20,800 |
| 322121 | Paper (except Newsprint) Mills | 6 | 0 | 1 | 39 | 1,460,000 | 20,700 |
| 928110 | National Security | 36 | 7 | 8 | 259 | 16,500,000 | 20,300 |
| 325992 | Photographic Film, Paper, Plate, and Chemical Manufacturing | 2 | 9 | 1 | 25 | 996,000 | 20,000 |
| 326121 | Unlaminated Plastics Profile Shape Manufacturing | 1 | 6 | 0 | 47 | 45,900 | 17,600 |
| 322110-3 | Pulp Mills (Phase III) | 3 | 0 | 0 | 3 | 481,000 | 17,000 |
| 332992 | Small Arms Ammunition Manufacturing | 3 | 8 | 2 | 19 | 291,000 | 15,100 |
| 331112 | Electrometallurgical Ferroalloy Product Manufacturing | 5 | 0 | 0 | 13 | 237,000 | 12,900 |
| 325188 | All Other Basic Inorganic Chemical Manufacturing | 40 | 44 | 24 | 276 | 6,820,000 | 12,100 |
| 331492 | Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum) | 11 | 13 | 5 | 72 | 157,000 | 10,500 |
| 322110 | Pulp Mills | 1 | 1 | 0 | 5 | 198,000 | 9,970 |

Table C-3. NAICS Code Rankings by TWPE TRIRelases2008

| NAICS Code | NAICS Code Description | Direct Dischargers | Indirect Dischargers | Both Direct and Indirect Dischargers | Number of Facilities Reporting Releases to Any Medium | Total Pounds Released | TWPE (lb-eq/yr) |
|-------------|--|--------------------|----------------------|--------------------------------------|---|-----------------------|-----------------|
| 331210 | Iron and Steel Pipe and Tube Manufacturing from Purchased Steel | 20 | 17 | 12 | 94 | 3,460,000 | 8,710 |
| 212299 | All Other Metal Ore Mining | 5 | 0 | 0 | 14 | 335,000 | 8,290 |
| 331221 | Rolled Steel Shape Manufacturing | 20 | 10 | 4 | 80 | 7,970,000 | 8,270 |
| WC | Waste Combustors | 4 | 0 | 0 | 6 | 3,300 | 8,140 |
| 322122-2 | Newsprint Mills (Phase II) | 6 | 0 | 0 | 6 | 424,000 | 7,840 |
| 325120OCPSF | Industrial Gas Manufacturing (Organic Chemicals, Plastics, and Synthetic Fibers) | 1 | 0 | 0 | 2 | 5,470,000 | 7,300 |
| 924110 | Administration of Air and Water Resource and Solid Waste Management Programs | 1 | 0 | 0 | 3 | 93,800 | 7,160 |
| 316110 | Leather and Hide Tanning and Finishing | 1 | 14 | 1 | 20 | 304,000 | 6,990 |
| 325311 | Nitrogenous Fertilizer Manufacturing | 23 | 2 | 2 | 42 | 5,210,000 | 6,690 |
| CWT | Centralized Waste Treatment | 9 | 14 | 5 | 35 | 371,000 | 6,170 |
| 322110-2 | Pulp Mills (Phase II) | 5 | 0 | 0 | 5 | 792,000 | 6,160 |
| 325120 | Industrial Gas Manufacturing | 4 | 6 | 0 | 70 | 40,000 | 5,950 |
| 311221 | Wet Corn Milling | 5 | 7 | 8 | 34 | 2,290,000 | 5,400 |
| 311411 | Frozen Fruit, Juice, and Vegetable Manufacturing | 8 | 6 | 0 | 43 | 6,330,000 | 4,750 |
| 325411 | Medicinal and Botanical Manufacturing | 3 | 13 | 3 | 34 | 298,000 | 4,710 |
| 326211 | Tire Manufacturing (except Retreading) | 6 | 16 | 23 | 60 | 9,860 | 4,680 |
| 331315 | Aluminum Sheet, Plate, and Foil Manufacturing | 4 | 3 | 3 | 25 | 90,700 | 3,760 |
| 221320 | Sewage Treatment Facilities | 1 | 0 | 0 | 1 | 4,830,000 | 3,600 |
| 334413 | Semiconductor and Related Device Manufacturing | 5 | 76 | 2 | 128 | 2,970,000 | 3,550 |
| 212222 | Silver Ore Mining | 3 | 0 | 0 | 4 | 7,760 | 3,540 |
| 334514 | Totalizing Fluid Meter and Counting Device Manufacturing | 0 | 4 | 0 | 10 | 5,370 | 3,410 |
| 333111 | Farm Machinery and Equipment Manufacturing | 1 | 13 | 6 | 64 | 13,500 | 3,280 |
| 331423 | Secondary Smelting, Refining, and Alloying of Copper | 8 | 2 | 1 | 20 | 6,340 | 3,210 |
| 336611 | Ship Building and Repairing | 8 | 3 | 5 | 53 | 16,600 | 3,190 |
| 331511 | Iron Foundries | 53 | 19 | 18 | 204 | 36,400 | 3,190 |
| 331421 | Copper Rolling, Drawing, and Extruding | 20 | 16 | 12 | 85 | 5,250 | 3,130 |
| 332813MF | Electroplating, Plating, Polishing, Anodizing, and Coloring (Metal Finishing) | 48 | 13 | 2 | 20 | 851,000 | 2,870 |
| 332813 | Electroplating, Plating, Polishing, Anodizing, and Coloring | 0 | 307 | 0 | 481 | 772,000 | 2,840 |
| 311513 | Cheese Manufacturing | 24 | 67 | 0 | 145 | 3,630,000 | 2,730 |
| 312120 | Breweries | 5 | 10 | 1 | 21 | 3,600,000 | 2,710 |
| 325132 | Synthetic Organic Dye and Pigment Manufacturing | 3 | 18 | 0 | 32 | 1,270,000 | 2,640 |
| 331311 | Alumina Refining | 2 | 1 | 0 | 6 | 108,000 | 2,570 |
| 334412 | Bare Printed Circuit Board Manufacturing | 2 | 100 | 12 | 176 | 132,000 | 2,550 |

Table C-3. NAICS Code Rankings by TWPE TRIRelases2008

| NAICS Code | NAICS Code Description | Direct Dischargers | Indirect Dischargers | Both Direct and Indirect Dischargers | Number of Facilities Reporting Releases to Any Medium | Total Pounds Released | TWPE (lb-eq/yr) |
|------------|---|--------------------|----------------------|--------------------------------------|---|-----------------------|-----------------|
| 325998 | All Other Miscellaneous Chemical Product and Preparation Manufacturing | 14 | 48 | 6 | 311 | 515,000 | 2,530 |
| 336399 | All Other Motor Vehicle Parts Manufacturing | 8 | 42 | 12 | 218 | 141,000 | 2,510 |
| 321113-1 | Sawmills (Phase I) | 1 | 0 | 0 | 1 | 166,000 | 2,500 |
| 311613 | Rendering and Meat Byproduct Processing | 7 | 13 | 1 | 33 | 3,260,000 | 2,450 |
| 327992 | Ground or Treated Mineral and Earth Manufacturing | 5 | 2 | 0 | 43 | 2,740,000 | 2,100 |
| 325412 | Pharmaceutical Preparation Manufacturing | 7 | 45 | 1 | 119 | 1,010,000 | 1,850 |
| 321999 | All Other Miscellaneous Wood Product Manufacturing | 4 | 1 | 0 | 31 | 789 | 1,820 |
| 325192 | Cyclic Crude and Intermediate Manufacturing | 9 | 4 | 2 | 20 | 241,000 | 1,790 |
| 312229 | Other Tobacco Product Manufacturing | 1 | 7 | 0 | 12 | 48,200 | 1,770 |
| 325212 | Synthetic Rubber Manufacturing | 12 | 9 | 2 | 44 | 795,000 | 1,750 |
| 333911 | Pump and Pumping Equipment Manufacturing | 4 | 8 | 5 | 51 | 3,160 | 1,710 |
| 331492NMF | Secondary Smelting, Refining, and Alloying of Nonferrous Metal (Nonferrous Metals Forming and Metal Powders) | 3 | 7 | 4 | 14 | 479,000 | 1,530 |
| 334417 | Electronic Connector Manufacturing | 2 | 8 | 1 | 37 | 1,150,000 | 1,450 |
| 325314 | Fertilizer (Mixing Only) Manufacturing | 11 | 3 | 1 | 57 | 5,970 | 1,440 |
| 331312 | Primary Aluminum Production | 4 | 0 | 2 | 20 | 12,600 | 1,430 |
| 311222 | Soybean Processing | 5 | 31 | 2 | 56 | 1,630,000 | 1,420 |
| 311119MPP | Other Animal Food Manufacturing (Meat and Poultry Products) | 3 | 0 | 0 | 3 | 1,890,000 | 1,410 |
| MPM | Metal Products And Machinery | 45 | 0 | 2 | 3 | 10,900 | 1,400 |
| 331411 | Primary Smelting and Refining of Copper | 1 | 1 | 0 | 4 | 1,740,000 | 1,350 |
| 332999 | All Other Miscellaneous Fabricated Metal Product Manufacturing | 10 | 34 | 10 | 206 | 24,100 | 1,270 |
| 313210 | Broadwoven Fabric Mills | 0 | 2 | 1 | 14 | 1,110,000 | 1,240 |
| 321113 | Sawmills | 13 | 0 | 0 | 172 | 806 | 1,230 |
| 333992 | Welding and Soldering Equipment Manufacturing | 2 | 5 | 3 | 21 | 15,200 | 1,130 |
| 331491NMF | Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, and Extruding (Nonferrous Metals Forming And Metal Powders) | 6 | 7 | 8 | 22 | 378,000 | 1,120 |
| 212111 | Bituminous Coal and Lignite Surface Mining | 13 | 0 | 0 | 45 | 623,000 | 1,080 |
| 335991 | Carbon and Graphite Product Manufacturing | 6 | 5 | 3 | 33 | 21,900 | 1,040 |
| 332410 | Power Boiler and Heat Exchanger Manufacturing | 3 | 7 | 0 | 33 | 1,280,000 | 975 |
| 336412 | Aircraft Engine and Engine Parts Manufacturing | 7 | 38 | 15 | 94 | 103,000 | 951 |
| 335911 | Storage Battery Manufacturing | 4 | 18 | 9 | 48 | 75,400 | 927 |
| 331111NMF | Iron and Steel Mills (Nonferrous Metals Forming and Metal Powders) | 2 | 1 | 1 | 4 | 1,590 | 915 |
| 221113 | Nuclear Electric Power Generation | 1 | 0 | 0 | 5 | 16,400 | 882 |

Table C-3. NAICS Code Rankings by TWPE *TRIR* Releases 2008

| NAICS Code | NAICS Code Description | Direct Dischargers | Indirect Dischargers | Both Direct and Indirect Dischargers | Number of Facilities Reporting Releases to Any Medium | Total Pounds Released | TWPE (lb-eq/yr) |
|------------|---|--------------------|----------------------|--------------------------------------|---|-----------------------|-----------------|
| 324121 | Asphalt Paving Mixture and Block Manufacturing | 13 | 1 | 0 | 231 | 18.6 | 878 |
| 336111 | Automobile Manufacturing | 0 | 22 | 6 | 33 | 172,000 | 869 |
| 331491 | Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, and Extruding | 5 | 2 | 4 | 34 | 215,000 | 861 |
| 331222 | Steel Wire Drawing | 9 | 13 | 9 | 56 | 98,500 | 851 |
| 332812 | Metal Coating, Engraving (except Jewelry and Silverware), and Allied Services to Manufacturers | 50 | 53 | 5 | 277 | 160,000 | 800 |
| 331525 | Copper Foundries (except Die-Casting) | 12 | 9 | 3 | 67 | 1,340 | 791 |
| 221122 | Electric Power Distribution | 1 | 0 | 0 | 3 | 15,000 | 750 |
| 331521 | Aluminum Die-Casting Foundries | 10 | 13 | 0 | 97 | 1,710 | 744 |
| 336350 | Motor Vehicle Transmission and Power Train Parts Manufacturing | 6 | 28 | 9 | 80 | 40,200 | 734 |
| 324199 | All Other Petroleum and Coal Products Manufacturing | 4 | 0 | 3 | 27 | 159,000 | 706 |
| 331314 | Secondary Smelting and Alloying of Aluminum | 20 | 7 | 5 | 85 | 28,500 | 705 |
| 335929 | Other Communication and Energy Wire Manufacturing | 7 | 8 | 12 | 61 | 1,800 | 700 |
| 325620 | Toilet Preparation Manufacturing | 0 | 14 | 1 | 26 | 19,700 | 697 |
| 424710 | Petroleum Bulk Stations and Terminals | 113 | 19 | 9 | 493 | 39,600 | 689 |
| 325312 | Phosphatic Fertilizer Manufacturing | 8 | 1 | 1 | 17 | 48,600 | 657 |
| 335912 | Primary Battery Manufacturing | 1 | 9 | 7 | 22 | 1,560 | 651 |
| 321219 | Reconstituted Wood Product Manufacturing | 7 | 9 | 3 | 87 | 15,000 | 640 |
| 325222 | Noncellulosic Organic Fiber Manufacturing | 6 | 9 | 0 | 25 | 634,000 | 631 |
| 331422 | Copper Wire (except Mechanical) Drawing | 6 | 8 | 11 | 51 | 1,260 | 630 |
| 325998SD | All Other Miscellaneous Chemical Product and Preparation Manufacturing (Soap And Detergent Manufacturing) | 0 | 1 | 0 | 1 | 1,910 | 620 |
| 313311 | Broadwoven Fabric Finishing Mills | 3 | 6 | 0 | 20 | 214,000 | 617 |
| 562211 | Hazardous Waste Treatment and Disposal | 4 | 4 | 1 | 53 | 16,600 | 594 |
| 332312 | Fabricated Structural Metal Manufacturing | 23 | 9 | 4 | 264 | 1,320 | 552 |
| 325510 | Paint and Coating Manufacturing | 13 | 44 | 3 | 447 | 84,900 | 551 |
| 212319 | Other Crushed and Broken Stone Mining and Quarrying | 1 | 0 | 0 | 4 | 1,790 | 523 |
| 327310 | Cement Manufacturing | 10 | 0 | 0 | 123 | 2,040 | 522 |
| 311511 | Fluid Milk Manufacturing | 2 | 109 | 1 | 143 | 628,000 | 480 |
| 811310 | Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance | 1 | 0 | 0 | 3 | 1,540 | 472 |
| 311999 | All Other Miscellaneous Food Manufacturing | 5 | 18 | 1 | 35 | 468,000 | 460 |
| 336411 | Aircraft Manufacturing | 2 | 11 | 5 | 40 | 41,400 | 451 |
| 332510 | Hardware Manufacturing | 1 | 15 | 6 | 40 | 10,200 | 446 |
| 314110 | Carpet and Rug Mills | 0 | 10 | 0 | 30 | 9,430 | 440 |

Table C-3. NAICS Code Rankings by TWPE TRIRelases2008

| NAICS Code | NAICS Code Description | Direct Dischargers | Indirect Dischargers | Both Direct and Indirect Dischargers | Number of Facilities Reporting Releases to Any Medium | Total Pounds Released | TWPE (lb-eq/yr) |
|------------|---|--------------------|----------------------|--------------------------------------|---|-----------------------|-----------------|
| 336330 | Motor Vehicle Steering and Suspension Components (except Spring) Manufacturing | 1 | 14 | 4 | 41 | 12,100 | 434 |
| 332996 | Fabricated Pipe and Pipe Fitting Manufacturing | 12 | 6 | 2 | 64 | 1,810 | 433 |
| 334111 | Electronic Computer Manufacturing | 0 | 1 | 1 | 10 | 442 | 423 |
| 333415 | Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing | 7 | 31 | 10 | 146 | 1,380 | 415 |
| 325991 | Custom Compounding of Purchased Resins | 13 | 27 | 8 | 179 | 1,620 | 408 |
| 221310 | Water Supply and Irrigation Systems | 1 | 0 | 2 | 12 | 5,870 | 401 |
| 331528 | Other Nonferrous Foundries (except Die-Casting) | 8 | 13 | 6 | 59 | 164,000 | 391 |
| 336112 | Light Truck and Utility Vehicle Manufacturing | 0 | 21 | 1 | 28 | 109,000 | 388 |
| 335312 | Motor and Generator Manufacturing | 4 | 10 | 2 | 53 | 1,340 | 374 |
| 311514 | Dry, Condensed, and Evaporated Dairy Product Manufacturing | 9 | 34 | 0 | 56 | 494,000 | 370 |
| 312130 | Wineries | 1 | 2 | 0 | 13 | 323,000 | 359 |
| 333611 | Turbine and Turbine Generator Set Units Manufacturing | 3 | 3 | 2 | 31 | 7,590 | 358 |
| 333613 | Mechanical Power Transmission Equipment Manufacturing | 1 | 5 | 1 | 28 | 175 | 355 |
| 336510 | Railroad Rolling Stock Manufacturing | 11 | 3 | 1 | 29 | 1,790 | 341 |
| 325510CPSF | Paint and Coating Manufacturing (Organic Chemicals, Plastics, and Synthetic Fibers) | 0 | 6 | 1 | 7 | 3,480 | 336 |
| 331513 | Steel Foundries (except Investment) | 17 | 6 | 3 | 86 | 3,730 | 330 |
| 326299 | All Other Rubber Product Manufacturing | 4 | 30 | 7 | 142 | 42,300 | 317 |
| 332913 | Plumbing Fixture Fitting and Trim Manufacturing | 2 | 8 | 6 | 25 | 6,170 | 296 |
| 332911 | Industrial Valve Manufacturing | 2 | 10 | 4 | 60 | 447 | 295 |
| 331423NMF | Secondary Smelting, Refining, and Alloying of Copper (Nonferrous Metals Forming and Metal Powders) | 2 | 0 | 1 | 3 | 443 | 281 |
| 331316 | Aluminum Extruded Product Manufacturing | 7 | 15 | 13 | 71 | 135,000 | 263 |
| 322130 | Paperboard Mills | 3 | 13 | 1 | 37 | 3,550 | 256 |
| 332112 | Nonferrous Forging | 1 | 7 | 3 | 20 | 101,000 | 252 |
| 31119ph | Other Animal Food Manufacturing (Pharmaceutical Manufacturing) | 1 | 2 | 0 | 4 | 197,000 | 251 |
| 326199 | All Other Plastics Product Manufacturing | 3 | 12 | 2 | 442 | 155,000 | 249 |
| 333120 | Construction Machinery Manufacturing | 5 | 9 | 0 | 62 | 11,900 | 245 |
| 332116 | Metal Stamping | 2 | 30 | 4 | 120 | 40,800 | 236 |
| 313320 | Fabric Coating Mills | 0 | 7 | 1 | 53 | 19,300 | 232 |
| 335313 | Switchgear and Switchboard Apparatus Manufacturing | 3 | 8 | 6 | 68 | 2,110 | 223 |
| 336991 | Motorcycle, Bicycle, and Parts Manufacturing | 0 | 4 | 1 | 7 | 5,590 | 216 |
| 326220 | Rubber and Plastics Hoses and Belting Manufacturing | 5 | 17 | 9 | 60 | 6,300 | 213 |

Table C-3. NAICS Code Rankings by TWPE TRIRelases2008

| NAICS Code | NAICS Code Description | Direct Dischargers | Indirect Dischargers | Both Direct and Indirect Dischargers | Number of Facilities Reporting Releases to Any Medium | Total Pounds Released | TWPE (lb-eq/yr) |
|-------------|--|--------------------|----------------------|--------------------------------------|---|-----------------------|-----------------|
| 332912 | Fluid Power Valve and Hose Fitting Manufacturing | 0 | 9 | 0 | 31 | 3,650 | 212 |
| 327420 | Gypsum Product Manufacturing | 31 | 0 | 0 | 85 | 15.9 | 211 |
| 334414 | Electronic Capacitor Manufacturing | 3 | 6 | 2 | 22 | 250,000 | 211 |
| 336312 | Gasoline Engine and Engine Parts Manufacturing | 2 | 22 | 6 | 46 | 18,000 | 210 |
| 212112 | Bituminous Coal Underground Mining | 5 | 0 | 0 | 12 | 3,220 | 208 |
| 335110 | Electric Lamp Bulb and Part Manufacturing | 2 | 6 | 1 | 27 | 25,500 | 207 |
| 424690 | Other Chemical and Allied Products Merchant Wholesalers | 6 | 27 | 0 | 443 | 28,300 | 205 |
| 336413 | Other Aircraft Parts and Auxiliary Equipment Manufacturing | 5 | 24 | 4 | 101 | 59,200 | 205 |
| 324199OCPSF | All Other Petroleum and Coal Products Manufacturing (Organic Chemicals, Plastics And Synthetic Fibers) | 0 | 0 | 1 | 1 | 7,000 | 203 |
| 335999 | All Other Miscellaneous Electrical Equipment and Component Manufacturing | 2 | 8 | 1 | 58 | 554 | 192 |
| 332431 | Metal Can Manufacturing | 1 | 39 | 0 | 113 | 20,200 | 191 |
| 326291 | Rubber Product Manufacturing for Mechanical Use | 5 | 16 | 6 | 61 | 20,200 | 185 |
| 311111 | Dog and Cat Food Manufacturing | 3 | 12 | 2 | 38 | 184,000 | 182 |
| 339111 | Laboratory apparatus and furniture manufacturing | 0 | 0 | 1 | 3 | 640 | 180 |
| 311313 | Beet Sugar Manufacturing | 14 | 1 | 0 | 22 | 193,000 | 179 |
| 327212 | Other Pressed and Blown Glass and Glassware Manufacturing | 4 | 7 | 6 | 43 | 66,100 | 173 |
| 332722 | Bolt, Nut, Screw, Rivet, and Washer Manufacturing | 1 | 26 | 1 | 70 | 60,600 | 172 |
| 327112 | Vitreous China, Fine Earthenware, and Other Pottery Product Manufacturing | 1 | 1 | 1 | 8 | 129 | 170 |
| 332111 | Iron and Steel Forging | 12 | 15 | 8 | 94 | 5,000 | 167 |
| 334418 | Printed Circuit Assembly (Electronic Assembly) Manufacturing | 1 | 16 | 1 | 225 | 2,350 | 165 |
| 332813PMF | Electroplating, Plating, Polishing, Anodizing, and Coloring (Plastics Molding And Forming) | 0 | 4 | 0 | 4 | 46,400 | 162 |
| 331423MMC | Secondary Smelting, Refining, and Alloying of Copper (Metal Molding And Casting [Foundries]) | 2 | 0 | 0 | 2 | 252 | 162 |
| 331524 | Aluminum Foundries (except Die-Casting) | 6 | 5 | 4 | 66 | 6,680 | 158 |
| 327993 | Mineral Wool Manufacturing | 3 | 10 | 2 | 43 | 42,300 | 157 |
| 332991 | Ball and Roller Bearing Manufacturing | 1 | 16 | 6 | 56 | 2,000 | 157 |
| 332721 | Precision Turned Product Manufacturing | 2 | 19 | 0 | 96 | 9,940 | 146 |
| 325998INORG | All Other Miscellaneous Chemical Product and Preparation Manufacturing (Inorganic chemicals manufacturing) | 2 | 8 | 0 | 12 | 41,300 | 145 |
| 325193 | Ethyl Alcohol Manufacturing | 4 | 6 | 1 | 153 | 38,900 | 133 |
| 313312 | Textile and Fabric Finishing (except Broadwoven Fabric) Mills | 1 | 9 | 1 | 16 | 98,300 | 130 |

Table C-3. NAICS Code Rankings by TWPE TRIRelases2008

| NAICS Code | NAICS Code Description | Direct Dischargers | Indirect Dischargers | Both Direct and Indirect Dischargers | Number of Facilities Reporting Releases to Any Medium | Total Pounds Released | TWPE (lb-eq/yr) |
|------------|---|--------------------|----------------------|--------------------------------------|---|-----------------------|-----------------|
| 339993 | Fastener, Button, Needle, and Pin Manufacturing | 1 | 2 | 0 | 6 | 2,090 | 123 |
| 333618 | Other Engine Equipment Manufacturing | 3 | 12 | 5 | 36 | 37,800 | 120 |
| 325613 | Surface Active Agent Manufacturing | 2 | 22 | 2 | 50 | 56,400 | 119 |
| 332618 | Other Fabricated Wire Product Manufacturing | 8 | 8 | 0 | 45 | 1,080 | 118 |
| 311612 | Meat Processed from Carcasses | 4 | 8 | 3 | 32 | 137,000 | 117 |
| 336391 | Motor Vehicle Air-Conditioning Manufacturing | 0 | 3 | 3 | 15 | 16,700 | 116 |
| 323111 | Commercial Gravure Printing | 1 | 16 | 1 | 49 | 962 | 115 |
| 325612 | Polish and Other Sanitation Good Manufacturing | 1 | 20 | 0 | 84 | 15,800 | 112 |
| 327211 | Flat Glass Manufacturing | 4 | 4 | 2 | 27 | 189 | 109 |
| 311712 | Fresh and Frozen Seafood Processing | 7 | 0 | 0 | 19 | 145,000 | 108 |
| 335931 | Current-Carrying Wiring Device Manufacturing | 1 | 18 | 0 | 47 | 22,300 | 108 |
| 324191 | Petroleum Lubricating Oil and Grease Manufacturing | 10 | 12 | 0 | 115 | 15,600 | 107 |
| 212221 | Gold Ore Mining | 5 | 1 | 0 | 27 | 16,200 | 107 |
| 336211 | Motor Vehicle Body Manufacturing | 1 | 7 | 0 | 73 | 5,170 | 104 |
| 327910 | Abrasive Product Manufacturing | 0 | 4 | 0 | 28 | 45,100 | 101 |
| 326130 | Laminated Plastics Plate, Sheet (except Packaging), and Shape Manufacturing | 1 | 4 | 1 | 66 | 1,410,000 | 99.8 |
| 311422 | Specialty Canning | 2 | 5 | 1 | 15 | 79,700 | 96.8 |
| 332212 | Hand and Edge Tool Manufacturing | 0 | 7 | 2 | 21 | 15,300 | 87.8 |
| 562219 | Other Nonhazardous Waste Treatment and Disposal | 2 | 0 | 0 | 5 | 57,600 | 86.6 |
| LNDFFL | Landfills | 1 | 3 | 2 | 8 | 4,130 | 86.1 |
| 333132 | Oil and Gas Field Machinery and Equipment Manufacturing | 7 | 4 | 6 | 67 | 9,360 | 80.2 |
| 311512 | Creamery Butter Manufacturing | 2 | 7 | 0 | 12 | 101,000 | 75.8 |
| 325221 | Cellulosic Organic Fiber Manufacturing | 2 | 0 | 0 | 4 | 102,000 | 75.7 |
| 332117 | Powder Metallurgy Part Manufacturing | 2 | 13 | 4 | 69 | 1,260 | 75.6 |
| 333924 | Industrial Truck, Tractor, Trailer, and Stacker Machinery Manufacturing | 2 | 4 | 1 | 23 | 384 | 73.1 |
| 339999 | All Other Miscellaneous Manufacturing | 4 | 6 | 0 | 75 | 2,790 | 70.4 |
| 325191 | Gum and Wood Chemical Manufacturing | 7 | 3 | 2 | 18 | 9,080 | 69.5 |
| 339112 | Surgical and Medical Instrument Manufacturing | 0 | 11 | 1 | 60 | 50,400 | 68.1 |
| 311520 | Ice Cream and Frozen Dessert Manufacturing | 0 | 13 | 2 | 20 | 82,900 | 67.3 |
| 311919 | Other Snack Food Manufacturing | 1 | 9 | 0 | 18 | 87,500 | 65.3 |
| 335228 | Other Major Household Appliance Manufacturing | 1 | 3 | 1 | 12 | 3,470 | 65.1 |
| 922190 | Other Justice, Public Order, and Safety Activities | 1 | 0 | 0 | 3 | 28.8 | 64.5 |
| 334419 | Other Electronic Component Manufacturing | 1 | 12 | 2 | 76 | 4,410 | 62.7 |
| 334119 | Other Computer Peripheral Equipment Manufacturing | 1 | 7 | 0 | 23 | 2,540 | 62.1 |
| 332710 | Machine Shops | 2 | 6 | 1 | 66 | 65,700 | 61.3 |
| 336370 | Motor Vehicle Metal Stamping | 2 | 11 | 6 | 62 | 1,210 | 61.1 |

Table C-3. NAICS Code Rankings by TWPE TRIRelases2008

| NAICS Code | NAICS Code Description | Direct Dischargers | Indirect Dischargers | Both Direct and Indirect Dischargers | Number of Facilities Reporting Releases to Any Medium | Total Pounds Released | TWPE (lb-eq/yr) |
|------------|---|--------------------|----------------------|--------------------------------------|---|-----------------------|-----------------|
| 327999 | All Other Miscellaneous Nonmetallic Mineral Product Manufacturing | 2 | 5 | 0 | 45 | 43,100 | 60.5 |
| 333912 | Air and Gas Compressor Manufacturing | 2 | 1 | 0 | 14 | 77.3 | 58.9 |
| 336322 | Other Motor Vehicle Electrical and Electronic Equipment Manufacturing | 0 | 6 | 3 | 55 | 122 | 57.3 |
| 332919 | Other Metal Valve and Pipe Fitting Manufacturing | 4 | 10 | 1 | 43 | 204 | 56.5 |
| 336311 | Carburetor, Piston, Piston Ring, and Valve Manufacturing | 1 | 7 | 2 | 16 | 326 | 55.6 |
| 332811 | Metal Heat Treating | 3 | 10 | 2 | 113 | 15,600 | 54.9 |
| 332994 | Small Arms Manufacturing | 1 | 6 | 2 | 17 | 2,040 | 54.3 |
| 112320 | Broilers and Other Meat Type Chicken Production | 0 | 1 | 0 | 5 | 48,600 | 53.9 |
| 333996 | Fluid Power Pump and Motor Manufacturing | 2 | 6 | 1 | 21 | 288 | 51 |
| 332999TC | All Other Miscellaneous Fabricated Metal Product Manufacturing (TC) | 0 | 1 | 0 | 1 | 200 | 50.6 |
| 541710 | Research and Development in the Physical, Engineering, and Life Sciences | 1 | 1 | 1 | 5 | 47,300 | 49.9 |
| 327124 | Clay Refractory Manufacturing | 2 | 0 | 0 | 12 | 260 | 49.3 |
| 314992 | Tire Cord and Tire Fabric Mills | 1 | 5 | 3 | 14 | 3,320 | 48 |
| 327122 | Ceramic Wall and Floor Tile Manufacturing | 1 | 4 | 0 | 17 | 851 | 46.6 |
| 334511 | Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing | 0 | 8 | 0 | 40 | 888 | 46.2 |
| 333411 | Air Purification Equipment Manufacturing | 0 | 1 | 0 | 6 | 650 | 45.8 |
| 212324 | Kaolin and Ball Clay Mining | 1 | 0 | 0 | 2 | 11.6 | 45.5 |
| 332999DC | All Other Miscellaneous Fabricated Metal Product Manufacturing (DC) | 2 | 0 | 1 | 3 | 6,160 | 44.8 |
| 325188Ph | All Other Basic Inorganic Chemical Manufacturing (Phosphate Manufacturing) | 1 | 0 | 0 | 1 | 633 | 44.6 |
| 325920 | Explosives Manufacturing | 7 | 2 | 1 | 41 | 21,800 | 43.2 |
| 336414 | Guided Missile and Space Vehicle Manufacturing | 2 | 1 | 1 | 6 | 21.9 | 40.6 |
| 335224 | Household Laundry Equipment Manufacturing | 0 | 5 | 0 | 6 | 3,990 | 40.5 |
| 325520 | Adhesive Manufacturing | 4 | 20 | 0 | 151 | 11,100 | 39.9 |
| 221119 | Other Electric Power Generation | 0 | 1 | 0 | 8 | 517 | 39.8 |
| 336340 | Motor Vehicle Brake System Manufacturing | 1 | 4 | 1 | 21 | 11,800 | 38.5 |
| 324122 | Asphalt Shingle and Coating Materials Manufacturing | 1 | 3 | 2 | 98 | 82.6 | 38.1 |
| 325611 | Soap and Other Detergent Manufacturing | 1 | 41 | 0 | 138 | 22,500 | 37.8 |
| 333298 | All Other Industrial Machinery Manufacturing | 1 | 3 | 0 | 26 | 203 | 37.7 |
| 333922 | Conveyor and Conveying Equipment Manufacturing | 4 | 0 | 0 | 18 | 39.4 | 37.6 |

Table C-3. NAICS Code Rankings by TWPE TRIRelases2008

| NAICS Code | NAICS Code Description | Direct Dischargers | Indirect Dischargers | Both Direct and Indirect Dischargers | Number of Facilities Reporting Releases to Any Medium | Total Pounds Released | TWPE (lb-eq/yr) |
|-------------|--|--------------------|----------------------|--------------------------------------|---|-----------------------|-----------------|
| 325998NMF | All Other Miscellaneous Chemical Product and Preparation Manufacturing (Nonferrous Metals Forming And Metal Powders) | 0 | 2 | 0 | 2 | 31,800 | 36.8 |
| 332313 | Plate Work Manufacturing | 7 | 3 | 0 | 52 | 298 | 35.5 |
| 325910 | Printing Ink Manufacturing | 0 | 6 | 1 | 69 | 443 | 35.4 |
| 332813IRON | Electroplating, Plating, Polishing, Anodizing, and Coloring (Iron and Steel Manufacturing) | 1 | 0 | 0 | 1 | 703 | 34.5 |
| 331314AL | Secondary Smelting and Alloying of Aluminum (Aluminum Forming) | 0 | 0 | 1 | 1 | 17.9 | 34 |
| 332995 | Other Ordnance and Accessories Manufacturing | 1 | 1 | 0 | 5 | 11,400 | 33.6 |
| 311412 | Frozen Specialty Food Manufacturing | 0 | 5 | 1 | 24 | 32,800 | 33.2 |
| 322291 | Sanitary Paper Product Manufacturing | 1 | 0 | 0 | 1 | 44,100 | 32.9 |
| 311225 | Fats and Oils Refining and Blending | 1 | 9 | 0 | 21 | 52,000 | 32.7 |
| 325414 | Biological Product (except Diagnostic) Manufacturing | 1 | 10 | 0 | 21 | 37,200 | 32.5 |
| 334411 | Electron Tube Manufacturing | 0 | 1 | 1 | 12 | 67.8 | 32.3 |
| 541940 | Veterinary Services | 1 | 0 | 0 | 1 | 43,100 | 32.2 |
| 333999 | All Other Miscellaneous General Purpose Machinery Manufacturing | 1 | 14 | 1 | 51 | 47,400 | 32.2 |
| 322291-2 | Sanitary Paper Product Manufacturing (Phase II) | 0 | 2 | 2 | 5 | 278 | 30.5 |
| 339991 | Gasket, Packing, and Sealing Device Manufacturing | 1 | 9 | 3 | 37 | 3,810 | 29.6 |
| 322222 | Coated and Laminated Paper Manufacturing | 0 | 10 | 2 | 74 | 4,510 | 28.5 |
| 335122 | Commercial, Industrial, and Institutional Electric Lighting Fixture Manufacturing | 0 | 1 | 1 | 11 | 19,200 | 27.9 |
| 335311 | Power, Distribution, and Specialty Transformer Manufacturing | 0 | 8 | 0 | 33 | 579 | 27.9 |
| 327410 | Lime Manufacturing | 5 | 0 | 0 | 48 | 1.55 | 27.6 |
| 311312 | Cane Sugar Refining | 0 | 1 | 0 | 1 | 34,400 | 25.7 |
| 339920 | Sporting and Athletic Goods Manufacturing | 1 | 6 | 2 | 29 | 20,200 | 25.5 |
| 312111 | Soft Drink Manufacturing | 0 | 4 | 0 | 9 | 25,300 | 24.5 |
| 332420 | Metal Tank (Heavy Gauge) Manufacturing | 3 | 2 | 2 | 53 | 296 | 24.2 |
| 311999GRAIN | All Other Miscellaneous Food Manufacturing (Grain Mills) | 1 | 0 | 0 | 1 | 30,700 | 22.9 |
| 333512 | Machine Tool (Metal Cutting Types) Manufacturing | 1 | 2 | 0 | 23 | 21,300 | 22.2 |
| 333319 | Other Commercial and Service Industry Machinery Manufacturing | 1 | 5 | 0 | 31 | 152,000 | 21.4 |
| 312221 | Cigarette Manufacturing | 0 | 5 | 2 | 9 | 110,000 | 20.9 |
| 323110 | Commercial Lithographic Printing | 1 | 32 | 0 | 69 | 19,600 | 20.8 |
| 311320 | Chocolate and Confectionery Manufacturing from Cacao Beans | 0 | 4 | 0 | 4 | 22,300 | 20.5 |

Table C-3. NAICS Code Rankings by TWPE TRIRelases2008

| NAICS Code | NAICS Code Description | Direct Dischargers | Indirect Dischargers | Both Direct and Indirect Dischargers | Number of Facilities Reporting Releases to Any Medium | Total Pounds Released | TWPE (lb-eq/yr) |
|-------------|--|--------------------|----------------------|--------------------------------------|---|-----------------------|-----------------|
| 327121 | Brick and Structural Clay Tile Manufacturing | 2 | 1 | 1 | 96 | 274 | 20.1 |
| 337127 | Institutional Furniture Manufacturing | 0 | 3 | 1 | 20 | 200 | 19.4 |
| 327215 | Glass Product Manufacturing Made of Purchased Glass | 1 | 11 | 0 | 60 | 9,800 | 19.3 |
| 339999OCPSF | All Other Miscellaneous Manufacturing (Organic Chemicals, Plastics And Synthetic Fibers) | 0 | 0 | 1 | 2 | 406 | 19.1 |
| 331319 | Other Aluminum Rolling and Drawing | 3 | 2 | 2 | 13 | 10,500 | 19 |
| 326140 | Polystyrene Foam Product Manufacturing | 2 | 2 | 0 | 26 | 370 | 18.7 |
| 335221 | Household Cooking Appliance Manufacturing | 1 | 2 | 1 | 9 | 356 | 18.5 |
| 333314 | Optical Instrument and Lens Manufacturing | 2 | 2 | 0 | 11 | 33.2 | 18.3 |
| 339950 | Sign Manufacturing | 0 | 2 | 1 | 17 | 15,800 | 18.2 |
| 321212 | Softwood Veneer and Plywood Manufacturing | 2 | 0 | 0 | 40 | 57 | 18 |
| 325188NMM | All Other Basic Inorganic Chemical Manufacturing (Nonferrous Metals Manufacturing) | 1 | 0 | 0 | 1 | 24,000 | 17.9 |
| 333515 | Cutting Tool and Machine Tool Accessory Manufacturing | 0 | 7 | 1 | 19 | 326 | 17.4 |
| 339995 | Burial Casket Manufacturing | 1 | 3 | 3 | 11 | 46.6 | 17.2 |
| 313230 | Nonwoven Fabric Mills | 0 | 3 | 1 | 10 | 1,400 | 16.8 |
| 335932 | Noncurrent-Carrying Wiring Device Manufacturing | 1 | 5 | 3 | 22 | 12,900 | 16.6 |
| 112120 | Dairy Cattle and Milk Production | 0 | 3 | 0 | 4 | 16,900 | 16.4 |
| 333414 | Heating Equipment (except Warm Air Furnaces) Manufacturing | 1 | 2 | 0 | 15 | 124 | 16.3 |
| 337214 | Office Furniture (except Wood) Manufacturing | 0 | 4 | 0 | 13 | 206 | 16 |
| 332112IRON | Nonferrous Forging (Iron And Steel Manufacturing) | 1 | 0 | 1 | 2 | 158 | 15.6 |
| 331314MF | Secondary Smelting and Alloying of Aluminum (Metal Finishing) | 1 | 0 | 0 | 1 | 6.8 | 15.2 |
| 335921 | Fiber Optic Cable Manufacturing | 2 | 0 | 1 | 4 | 17.4 | 15.1 |
| 331512 | Steel Investment Foundries | 3 | 12 | 2 | 45 | 132 | 14.6 |
| 334512 | Automatic Environmental Control Manufacturing for Residential, Commercial, and Appliance Use | 0 | 1 | 1 | 6 | 52.5 | 13.9 |
| 334513 | Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables | 0 | 5 | 0 | 39 | 13.2 | 13.9 |
| 562212 | Solid Waste Landfill | 0 | 0 | 1 | 1 | 2.01 | 13.7 |
| 322299 | All Other Converted Paper Product Manufacturing | 0 | 3 | 0 | 25 | 2,130 | 13.2 |
| 311340 | Nonchocolate Confectionery Manufacturing | 0 | 1 | 0 | 1 | 17,400 | 13 |
| 562213 | Solid Waste Combustors and Incinerators | 1 | 0 | 0 | 1 | 1.1 | 12.3 |
| 332618IRON | Other Fabricated Wire Product Manufacturing (Iron and Steel Manufacturing) | 0 | 1 | 1 | 3 | 19.5 | 11.5 |
| 336212 | Truck Trailer Manufacturing | 1 | 2 | 1 | 46 | 44.7 | 11.4 |

Table C-3. NAICS Code Rankings by TWPE TRIRelases2008

| NAICS Code | NAICS Code Description | Direct Dischargers | Indirect Dischargers | Both Direct and Indirect Dischargers | Number of Facilities Reporting Releases to Any Medium | Total Pounds Released | TWPE (lb-eq/yr) |
|-------------|--|--------------------|----------------------|--------------------------------------|---|-----------------------|-----------------|
| 332213 | Saw Blade and Handsaw Manufacturing | 0 | 3 | 0 | 10 | 10,100 | 11.3 |
| 331221ELEC | Rolled Steel Shape Manufacturing (Electroplating) | 0 | 1 | 0 | 1 | 15,000 | 11.2 |
| 336360 | Motor Vehicle Seating and Interior Trim Manufacturing | 0 | 2 | 0 | 33 | 850 | 11.1 |
| 327123 | Other Structural Clay Product Manufacturing | 1 | 1 | 0 | 5 | 154 | 11 |
| 326192 | Resilient Floor Covering Manufacturing | 0 | 5 | 1 | 12 | 157 | 10.9 |
| 325188NMF | All Other Basic Inorganic Chemical Manufacturing (Nonferrous Metals Forming And Metal Powders) | 0 | 1 | 0 | 1 | 9,240 | 10.3 |
| 332214 | Kitchen Utensil, Pot, and Pan Manufacturing | 0 | 1 | 0 | 8 | 11,700 | 10.2 |
| 339999NMF | All Other Miscellaneous Manufacturing (Nonferrous Metals Forming And Metal Powders) | 0 | 1 | 0 | 1 | 0.586 | 9.65 |
| 325998MF | All Other Miscellaneous Chemical Product and Preparation Manufacturing (Metal Finishing) | 1 | 0 | 1 | 2 | 144 | 9.61 |
| 325611OCPSF | Soap and Other Detergent Manufacturing (Organic Chemicals, Plastics, and Synthetic Fibers) | 0 | 11 | 0 | 12 | 2,080 | 9.51 |
| 339113 | Surgical Appliance and Supplies Manufacturing | 0 | 7 | 0 | 32 | 3,330 | 9.34 |
| 311999MPP | All Other Miscellaneous Food Manufacturing (Meat and Poultry Products) | 0 | 3 | 0 | 3 | 9,920 | 9.33 |
| 332993 | Ammunition (except Small Arms) Manufacturing | 1 | 0 | 0 | 8 | 4 | 8.96 |
| 311942 | Spice and Extract Manufacturing | 0 | 5 | 0 | 12 | 119,000 | 8.82 |
| 212312 | Crushed and Broken Limestone Mining and Quarrying | 1 | 0 | 0 | 3 | 14.2 | 8.63 |
| 335121 | Residential Electric Lighting Fixture Manufacturing | 1 | 2 | 0 | 5 | 6,810 | 8.36 |
| 323122 | Prepress Services | 1 | 8 | 0 | 20 | 7,460 | 8.34 |
| 334515 | Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals | 2 | 1 | 0 | 16 | 2,000 | 8.31 |
| 312140 | Distilleries | 1 | 0 | 0 | 5 | 7,000 | 7.77 |
| 326199MF | All Other Plastics Product Manufacturing (Metal Finishing) | 0 | 0 | 1 | 1 | 71.2 | 7.75 |
| 332322 | Sheet Metal Work Manufacturing | 1 | 7 | 0 | 64 | 2,110 | 7.13 |
| 326191 | Plastics Plumbing Fixture Manufacturing | 2 | 0 | 0 | 129 | 500 | 7.01 |
| 313113 | Thread Mills | 0 | 2 | 0 | 4 | 10,500 | 6.95 |
| 333511 | Industrial Mold Manufacturing | 1 | 1 | 0 | 12 | 574 | 6.82 |
| 331521MMC | Aluminum Die-Casting Foundries (Metal Molding And Casting [Foundries]) | 1 | 1 | 1 | 3 | 7.5 | 6.75 |
| 335314 | Relay and Industrial Control Manufacturing | 1 | 3 | 0 | 44 | 11.2 | 6.67 |
| 311920 | Coffee and Tea Manufacturing | 0 | 1 | 0 | 1 | 8,710 | 6.53 |
| 332323 | Ornamental and Architectural Metal Work Manufacturing | 0 | 0 | 1 | 20 | 3,650 | 6.17 |
| 336321 | Vehicular Lighting Equipment Manufacturing | 0 | 2 | 0 | 9 | 5,400 | 6.15 |
| 212313 | Crushed and Broken Granite Mining and Quarrying | 1 | 1 | 0 | 4 | 55.4 | 6 |
| 315992RUB | Glove and Mitten Manufacturing (Rubber Manufacturing) | 0 | 1 | 0 | 1 | 2,970 | 5.65 |

Table C-3. NAICS Code Rankings by TWPE TRIRelases2008

| NAICS Code | NAICS Code Description | Direct Dischargers | Indirect Dischargers | Both Direct and Indirect Dischargers | Number of Facilities Reporting Releases to Any Medium | Total Pounds Released | TWPE (lb-eq/yr) |
|-------------|---|--------------------|----------------------|--------------------------------------|---|-----------------------|-----------------|
| 332321 | Metal Window and Door Manufacturing | 1 | 5 | 0 | 46 | 4,370 | 5.47 |
| 311223 | Other Oilseed Processing | 0 | 9 | 0 | 21 | 6,810 | 5.42 |
| 311999OCPSF | All Other Miscellaneous Food Manufacturing (Organic Chemicals, Plastics And Synthetic Fibers) | 0 | 2 | 0 | 2 | 5,740 | 5.35 |
| 325510ELEC | Paint and Coating Manufacturing (Electroplating) | 0 | 1 | 0 | 1 | 120 | 5.24 |
| 334517 | Irradiation Apparatus Manufacturing | 1 | 2 | 0 | 10 | 1,900 | 5.19 |
| 327125 | Nonclay Refractory Manufacturing | 1 | 6 | 1 | 19 | 665 | 5.1 |
| 321911 | Wood Window and Door Manufacturing | 0 | 3 | 0 | 18 | 288 | 5.09 |
| 315999 | Other Apparel Accessories and Other Apparel Manufacturing | 0 | 1 | 0 | 1 | 2,130 | 5.07 |
| 331314MMC | Secondary Smelting and Alloying of Aluminum (Metal Molding And Casting [Foundries]) | 0 | 1 | 0 | 1 | 15.9 | 4.97 |
| 333612 | Speed Changer, Industrial High-Speed Drive, and Gear Manufacturing | 1 | 2 | 0 | 16 | 6.71 | 4.88 |
| 334612 | Prerecorded Compact Disc (except Software), Tape, and Record Reproducing | 0 | 2 | 0 | 3 | 44.7 | 4.87 |
| 327390 | Other Concrete Product Manufacturing | 2 | 0 | 0 | 104 | 24.4 | 4.78 |
| 334519 | Other Measuring and Controlling Device Manufacturing | 0 | 2 | 0 | 23 | 3,230 | 4.63 |
| 339912 | Silverware and Hollowware Manufacturing | 1 | 0 | 0 | 2 | 72 | 4.39 |
| 337215 | Showcase, Partition, Shelving, and Locker Manufacturing | 1 | 3 | 0 | 16 | 2,950 | 4.37 |
| 314911 | Textile Bag Mills | 0 | 1 | 0 | 3 | 3,900 | 4.33 |
| 511191 | Greeting Card Publishers | 0 | 1 | 0 | 2 | 5,550 | 4.24 |
| 333112 | Lawn and Garden Tractor and Home Lawn and Garden Equipment Manufacturing | 0 | 5 | 0 | 14 | 4,680 | 4.16 |
| 333210 | Sawmill and Woodworking Machinery Manufacturing | 1 | 0 | 0 | 2 | 15 | 4.1 |
| 334220 | Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing | 0 | 4 | 0 | 26 | 4.39 | 3.98 |
| 335222 | Household Refrigerator and Home Freezer Manufacturing | 0 | 4 | 0 | 18 | 16.5 | 3.86 |
| 334510 | Electromedical and Electrotherapeutic Apparatus Manufacturing | 1 | 0 | 0 | 10 | 1.7 | 3.81 |
| 336999 | All Other Transportation Equipment Manufacturing | 0 | 5 | 1 | 25 | 50.9 | 3.73 |
| 333516 | Rolling Mill Machinery and Equipment Manufacturing | 1 | 0 | 0 | 6 | 16 | 3.71 |
| 331221NMF | Rolled Steel Shape Manufacturing (Nonferrous Metals Forming and Metal Powders) | 0 | 1 | 1 | 2 | 4.59 | 3.51 |
| 332439 | Other Metal Container Manufacturing | 1 | 5 | 0 | 42 | 4,510 | 3.47 |
| 333131 | Mining Machinery and Equipment Manufacturing | 1 | 2 | 0 | 26 | 3,060 | 3.36 |
| 333994 | Industrial Process Furnace and Oven Manufacturing | 0 | 0 | 1 | 13 | 2.02 | 3.25 |
| 311330 | Confectionery Manufacturing from Purchased Chocolate | 0 | 1 | 0 | 2 | 4,280 | 3.2 |

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| NAICS Code | NAICS Code Description | Direct Dischargers | Indirect Dischargers | Both Direct and Indirect Dischargers | Number of Facilities Reporting Releases to Any Medium | Total Pounds Released | TWPE (lb-eq/yr) |
|-------------|--|--------------------|----------------------|--------------------------------------|---|-----------------------|-----------------|
| 312112 | Bottled Water Manufacturing | 0 | 1 | 0 | 1 | 3,970 | 2.96 |
| 331111MF | Iron and Steel Mills (Metal Finishing) | 1 | 2 | 0 | 3 | 52.9 | 2.93 |
| 332112MF | Nonferrous Forging (Metal Finishing) | 0 | 2 | 0 | 3 | 3,200 | 2.86 |
| 326122 | Plastics Pipe and Pipe Fitting Manufacturing | 0 | 1 | 0 | 48 | 2,520 | 2.8 |
| 333514 | Special Die and Tool, Die Set, Jig, and Fixture Manufacturing | 1 | 1 | 1 | 16 | 7.77 | 2.75 |
| 326199OCPSF | All Other Plastics Product Manufacturing (Organic Chemicals, Plastics And Synthetic Fibers) | 0 | 2 | 1 | 3 | 10,700 | 2.68 |
| 333294 | Food Product Machinery Manufacturing | 0 | 5 | 0 | 19 | 20.2 | 2.67 |
| 327320 | Ready-Mix Concrete Manufacturing | 45 | 0 | 1 | 478 | 3,170 | 2.59 |
| 424430 | Dairy Product (except Dried or Canned) Merchant Wholesalers | 0 | 1 | 0 | 1 | 3,430 | 2.56 |
| 333315 | Photographic and Photocopying Equipment Manufacturing | 0 | 1 | 0 | 5 | 36.2 | 2.39 |
| 311812 | Commercial Bakeries | 0 | 2 | 0 | 5 | 1,980 | 2.2 |
| 311999DPP | All Other Miscellaneous Food Manufacturing (Miscellaneous Foods And Beverages) | 0 | 1 | 0 | 1 | 2,880 | 2.15 |
| 325510INORG | Paint and Coating Manufacturing (Cement Manufacturing) | 1 | 0 | 1 | 2 | 21.9 | 2.14 |
| 312210 | Tobacco Stemming and Redrying | 0 | 3 | 1 | 8 | 18,700 | 1.91 |
| 339992 | Musical Instrument Manufacturing | 0 | 3 | 0 | 14 | 2.12 | 1.71 |
| 334415 | Electronic Resistor Manufacturing | 1 | 1 | 0 | 8 | 89.3 | 1.57 |
| 311423 | Dried and Dehydrated Food Manufacturing | 0 | 1 | 0 | 4 | 72.8 | 1.55 |
| 316211 | Rubber and Plastics Footwear Manufacturing | 0 | 2 | 0 | 6 | 2,010 | 1.51 |
| 423930 | Recyclable Material Merchant Wholesalers | 3 | 0 | 0 | 3 | 8 | 1.44 |
| 339943 | Marking Device Manufacturing | 0 | 1 | 0 | 4 | 1,840 | 1.38 |
| 333513 | Machine Tool (Metal Forming Types) Manufacturing | 0 | 1 | 0 | 9 | 1,820 | 1.36 |
| 332998 | Enameled Iron and Metal Sanitary Ware Manufacturing | 0 | 1 | 0 | 5 | 12.1 | 1.32 |
| 333292 | Textile Machinery Manufacturing | 0 | 1 | 0 | 1 | 12.1 | 1.32 |
| 311421 | Fruit and Vegetable Canning | 1 | 0 | 0 | 20 | 1,160 | 1.29 |
| 313241 | Weft Knit Fabric Mills | 0 | 1 | 0 | 2 | 962 | 1.29 |
| 333991 | Power-Driven Handtool Manufacturing | 0 | 1 | 0 | 8 | 2.88 | 1.27 |
| 445110 | Supermarkets and Other Grocery (except Convenience) Stores | 0 | 1 | 0 | 1 | 1,500 | 1.12 |
| 332612 | Spring (Light Gauge) Manufacturing | 0 | 1 | 0 | 6 | 12.6 | 1.12 |
| 332114 | Custom Roll Forming | 1 | 0 | 0 | 4 | 10 | 1.12 |
| 335129 | Other Lighting Equipment Manufacturing | 0 | 0 | 1 | 4 | 4.59 | 1.11 |
| 327111 | Vitreous China Plumbing Fixture and China and Earthenware Bathroom Accessories Manufacturing | 3 | 0 | 0 | 5 | 14.9 | 0.917 |
| 212399 | All Other Nonmetallic Mineral Mining | 1 | 0 | 0 | 21 | 0.37 | 0.829 |
| 333293 | Printing Machinery and Equipment Manufacturing | 0 | 3 | 0 | 6 | 1.92 | 0.764 |

Table C-3. NAICS Code Rankings by TWPE TRIRelases2008

| NAICS Code | NAICS Code Description | Direct Dischargers | Indirect Dischargers | Both Direct and Indirect Dischargers | Number of Facilities Reporting Releases to Any Medium | Total Pounds Released | TWPE (lb-eq/yr) |
|------------|---|--------------------|----------------------|--------------------------------------|---|-----------------------|-----------------|
| 336120 | Heavy Duty Truck Manufacturing | 1 | 2 | 0 | 21 | 229 | 0.747 |
| 334290 | Other Communications Equipment Manufacturing | 0 | 1 | 0 | 35 | 0.542 | 0.706 |
| 311813 | Frozen Cakes, Pies, and Other Pastries Manufacturing | 0 | 1 | 0 | 3 | 868 | 0.648 |
| 333220 | Plastics and Rubber Industry Machinery Manufacturing | 0 | 1 | 0 | 7 | 45 | 0.631 |
| 334613 | Magnetic and Optical Recording Media Manufacturing | 0 | 1 | 0 | 4 | 21.1 | 0.607 |
| 331491MF | Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, and Extruding (Metal Finishing) | 0 | 1 | 0 | 1 | 0.948 | 0.602 |
| 332611 | Spring (Heavy Gauge) Manufacturing | 1 | 0 | 0 | 7 | 6 | 0.554 |
| 336360MF | Motor Vehicle Seating and Interior Trim Manufacturing (Metal Finishing) | 0 | 1 | 0 | 1 | 6.38 | 0.548 |
| 311821 | Cookie and Cracker Manufacturing | 0 | 1 | 0 | 15 | 458 | 0.508 |
| 337124 | Metal Household Furniture Manufacturing | 0 | 1 | 0 | 3 | 0.226 | 0.505 |
| 332993MF | Small Arms Ammunition Manufacturing (Metal Finishing) | 0 | 1 | 0 | 1 | 0.226 | 0.505 |
| 326199ELEC | All Other Plastics Product Manufacturing (Electroplating) | 0 | 1 | 0 | 1 | 672 | 0.502 |
| 322211 | Corrugated and Solid Fiber Box Manufacturing | 0 | 1 | 0 | 12 | 0.79 | 0.502 |
| 331522 | Nonferrous (except Aluminum) Die-Casting Foundries | 0 | 1 | 0 | 10 | 0.79 | 0.502 |
| 323113 | Commercial Screen Printing | 0 | 5 | 0 | 15 | 4,290 | 0.485 |
| 212321 | Construction Sand and Gravel Mining | 5 | 0 | 0 | 6 | 0.162 | 0.466 |
| 213113 | Support Activities for Coal Mining | 1 | 0 | 0 | 4 | 1.61 | 0.428 |
| 322224 | Uncoated Paper and Multiwall Bag Manufacturing | 0 | 1 | 0 | 1 | 536 | 0.4 |
| 322215 | Nonfolding Sanitary Food Container Manufacturing | 0 | 2 | 0 | 2 | 354 | 0.393 |
| 325188SD | All Other Basic Inorganic Chemical Manufacturing (Soap And Detergent Manufacturing) | 0 | 1 | 0 | 1 | 27.3 | 0.392 |
| 325413 | In-Vitro Diagnostic Substance Manufacturing | 0 | 5 | 0 | 11 | 3,130 | 0.374 |
| 326150 | Urethane and Other Foam Product (except Polystyrene) Manufacturing | 1 | 1 | 0 | 212 | 289 | 0.306 |
| 332311 | Prefabricated Metal Building and Component Manufacturing | 1 | 3 | 0 | 43 | 371 | 0.305 |
| 339999PMF | All Other Miscellaneous Manufacturing (Plastics Molding And Forming) | 0 | 1 | 0 | 1 | 9,610 | 0.304 |
| 311119 | Other Animal Food Manufacturing | 1 | 0 | 0 | 371 | 0.7 | 0.268 |
| 336340ELEC | Motor Vehicle Brake System Manufacturing (Electroplating) | 0 | 1 | 0 | 1 | 251 | 0.255 |
| 323117 | Books Printing | 0 | 3 | 0 | 4 | 1,250 | 0.243 |
| 493190 | Other Warehousing and Storage | 1 | 0 | 0 | 6 | 15 | 0.239 |
| 333923 | Overhead Traveling Crane, Hoist, and Monorail System Manufacturing | 0 | 1 | 0 | 21 | 252 | 0.236 |
| 327332 | Concrete Pipe Manufacturing | 1 | 0 | 0 | 40 | 0.1 | 0.224 |
| 311991 | Perishable Prepared Food Manufacturing | 0 | 2 | 0 | 15 | 1,770 | 0.193 |

Table C-3. NAICS Code Rankings by TWPE TRIRelases2008

| NAICS Code | NAICS Code Description | Direct Dischargers | Indirect Dischargers | Both Direct and Indirect Dischargers | Number of Facilities Reporting Releases to Any Medium | Total Pounds Released | TWPE (lb-eq/yr) |
|-------------|--|--------------------|----------------------|--------------------------------------|---|-----------------------|-----------------|
| 336415 | Guided Missile and Space Vehicle Propulsion Unit and Propulsion Unit Parts Manufacturing | 0 | 1 | 0 | 6 | 4.43 | 0.18 |
| 325998PR | All Other Miscellaneous Chemical Product and Preparation Manufacturing (Petroleum Refining) | 0 | 2 | 0 | 2 | 105 | 0.179 |
| 339115 | Ophthalmic Goods Manufacturing | 0 | 4 | 0 | 19 | 53.2 | 0.177 |
| 335211 | Electric Housewares and Household Fan Manufacturing | 0 | 1 | 0 | 2 | 1,600 | 0.171 |
| 315992AP | Glove and Mitten Manufacturing (Apparel & Other Textile Products) | 0 | 1 | 0 | 1 | 3.13 | 0.147 |
| 333995 | Fluid Power Cylinder and Actuator Manufacturing | 1 | 1 | 0 | 17 | 1.68 | 0.143 |
| 321211 | Hardwood Veneer and Plywood Manufacturing | 0 | 2 | 0 | 11 | 62.9 | 0.143 |
| 336214 | Travel Trailer and Camper Manufacturing | 0 | 1 | 0 | 25 | 9.6 | 0.135 |
| 339114 | Dental Equipment and Supplies Manufacturing | 0 | 4 | 0 | 15 | 39 | 0.12 |
| 323119 | Other Commercial Printing | 0 | 2 | 0 | 4 | 118 | 0.113 |
| 333412 | Industrial and Commercial Fan and Blower Manufacturing | 0 | 1 | 0 | 12 | 1.28 | 0.11 |
| 311930 | Flavoring Syrup and Concentrate Manufacturing | 0 | 2 | 0 | 5 | 3,730 | 0.103 |
| 325188COP | All Other Basic Inorganic Chemical Manufacturing (Copper Forming) | 0 | 1 | 0 | 1 | 0.458 | 0.102 |
| 333993 | Packaging Machinery Manufacturing | 0 | 1 | 0 | 2 | 0.682 | 0.0678 |
| 322212 | Folding Paperboard Box Manufacturing | 0 | 2 | 0 | 4 | 490 | 0.0523 |
| 325188OCPSF | All Other Basic Inorganic Chemical Manufacturing (Organic Chemicals, Plastics, and Synthetic Fibers) | 0 | 1 | 0 | 1 | 1.04 | 0.0489 |
| 311941 | Mayonnaise, Dressing, and Other Prepared Sauce Manufacturing | 0 | 2 | 0 | 3 | 65 | 0.0485 |
| 326199GLASS | All Other Plastics Product Manufacturing (Glass Manufacturing) | 0 | 1 | 0 | 1 | 39.7 | 0.0465 |
| 337920 | Blind and Shade Manufacturing | 0 | 1 | 0 | 5 | 0.834 | 0.0391 |
| 325998P | All Other Miscellaneous Chemical Product and Preparation Manufacturing (Pesticide Chemicals) | 0 | 1 | 0 | 1 | 0.468 | 0.0391 |
| 326112 | Plastics Packaging Film and Sheet (including Laminated) Manufacturing | 1 | 2 | 0 | 16 | 262 | 0.0296 |
| 325998BS | All Other Miscellaneous Chemical Product and Preparation Manufacturing (Business Services) | 0 | 2 | 0 | 2 | 5.35 | 0.0293 |
| 339944 | Carbon Paper and Inked Ribbon Manufacturing | 1 | 0 | 0 | 5 | 5 | 0.0281 |
| 325510CEM | Paint and Coating Manufacturing (Cement Manufacturing) | 0 | 0 | 1 | 1 | 21.5 | 0.0195 |
| 325181 | Alkalies and Chlorine Manufacturing | 0 | 2 | 0 | 6 | 1,120 | 0.0182 |
| 337122 | Nonupholstered Wood Household Furniture Manufacturing | 0 | 1 | 0 | 30 | 4.01 | 0.0173 |
| 339941 | Pen and Mechanical Pencil Manufacturing | 0 | 0 | 1 | 3 | 90.6 | 0.0161 |

Table C-3. NAICS Code Rankings by TWPE *TRIR* Releases 2008

| NAICS Code | NAICS Code Description | Direct Dischargers | Indirect Dischargers | Both Direct and Indirect Dischargers | Number of Facilities Reporting Releases to Any Medium | Total Pounds Released | TWPE (lb-eq/yr) |
|------------|--|--------------------|----------------------|--------------------------------------|---|-----------------------|-----------------|
| 332618PP | Other Fabricated Wire Product Manufacturing (Printing & Publishing) | 0 | 1 | 0 | 1 | 0.65 | 0.0124 |
| 315992 | Glove and Mitten Manufacturing | 0 | 1 | 0 | 1 | 0.209 | 0.00978 |
| 327113 | Porcelain Electrical Supply Manufacturing | 0 | 1 | 0 | 5 | 0.209 | 0.00978 |
| 562920 | Materials Recovery Facilities | 0 | 1 | 0 | 32 | 2.54 | 0.00235 |
| 322221 | Coated and Laminated Packaging Paper Manufacturing | 0 | 2 | 0 | 25 | 0.6 | 0.00216 |
| 337215TIM | Showcase, Partition, Shelving, and Locker Manufacturing (Timber Products Processing) | 0 | 1 | 0 | 1 | 0.397 | 0.00198 |
| 321213 | Engineered Wood Member (except Truss) Manufacturing | 1 | 0 | 0 | 15 | 5 | 0.00185 |
| 334516 | Analytical Laboratory Instrument Manufacturing | 0 | 2 | 0 | 13 | 59.9 | 0.000873 |
| 337211 | Wood Office Furniture Manufacturing | 0 | 2 | 0 | 14 | 1.19 | 0.000123 |
| 313221 | Narrow Fabric Mills | 0 | 1 | 0 | 2 | 4.13 | |
| 541380 | Testing Laboratories | 0 | 1 | 0 | 3 | | |
| 334112 | Computer Storage Device Manufacturing | 0 | 2 | 0 | 5 | 1,750 | |
| 921190 | Other General Government Support | 1 | 0 | 0 | 6 | 39,500 | |
| 314999 | All Other Miscellaneous Textile Product Mills | 0 | 1 | 0 | 8 | 1,670 | |

Table C-4. SIC Code Rankings by TWPE *DMRLoads2008*

| SIC Code | SIC Description | Major Dischargers | Indirect Discharges | Total Pounds Released | TWPE |
|----------|--|-------------------|---------------------|-----------------------|------------|
| 4911 | ELECTRICAL SERVICES | 875 | 956 | 23,300,000,000 | 35,900,000 |
| VCCA | CHLORINE AND CHLORINATED HYDROCARBONS | 46 | 9 | 1,980,000,000 | 1,520,000 |
| 2874FER | PHOSPHATIC FERTILIZERS (FERTILIZER MANUFACTURING) | 2 | | 79,900,000 | 719,000 |
| 4941 | WATER SUPPLY | 1315 | 2813 | 3,480,000,000 | 698,000 |
| 3312 | BLAST FURN/STEEL WORKS/ROLLING | 104 | 106 | 811,000,000 | 587,000 |
| 2819NMM | INDUSTRIAL INORGANIC CHEMICALS (NONFERROUS METALS MANUFACTURING) | 2 | 1 | 6,410,000 | 565,000 |
| 2911 | PETROLEUM REFINING | 146 | 161 | 720,000,000 | 487,000 |
| 2869 | INDUST. ORGANIC CHEMICALS NEC | 260 | 291 | 3,980,000,000 | 370,000 |
| 4581 | AIRPORTS, FLYING FIELDS & SER | 66 | 246 | 2,730,000,000 | 236,000 |
| 2819 | INDUSTRIAL INORGANIC CHEMICALS | 135 | 227 | 533,000,000 | 205,000 |
| 3341 | 2NDARY SMELT/NONFERROUS METALS | 28 | 72 | 1,570,000,000 | 194,000 |
| 2085 | DIST, RECTIFIED & BLENDED LIQ | 33 | 39 | 82,800,000 | 189,000 |
| 3241 | CEMENT, HYDRAULIC | 50 | 79 | 134,000,000 | 186,000 |
| 8731 | COMMERCIAL PHYSICAL RESEARCH | 32 | 58 | 7,640,000,000 | 185,000 |
| 4953WC | REFUSE SYSTEMS (WASTE COMBUSTORS) | 3 | | 412,000 | 175,000 |
| 1311 | CRUDE PETROLEUM & NATURAL GAS | 105 | 2891 | 408,000,000 | 173,000 |
| 4213 | TRUCKING, EXCEPT LOCAL | 9 | 430 | 73,600 | 168,000 |
| 8211 | ELEMENTARY & SECONDARY SCHOOLS | 1010 | 1604 | 67,200,000,000 | 147,000 |
| 7032 | SPORTING & RECREATIONAL CAMPS | 191 | 312 | 2,440,000,000 | 144,000 |
| 3339 | PRMRY SMELT/NONFERROUS METALS | 17 | 18 | 156,000,000 | 143,000 |
| 3743 | RAILROAD EQUIPMENT | 9 | 36 | 102,000 | 143,000 |
| 1021 | COPPER ORES | 15 | 19 | 178,000,000 | 140,000 |
| 4953 | REFUSE SYSTEMS | 604 | 1210 | 7,930,000,000 | 140,000 |
| 5541 | GASOLINE SERVICE STATIONS | 357 | 1333 | 2,610,000,000 | 136,000 |
| 2261 | FINISH OF BRD WOV FAB OF COTTN | 11 | 12 | 3,890,000 | 135,000 |
| 2611-1 | PULP MILLS- Phase I | 29 | 1 | 947,000,000 | 132,000 |
| 7999 | AMUSEMENT AND RECREATION, NEC | 201 | 476 | 173,000,000 | 127,000 |
| 2621-2 | PAPER MILLS- Phase II | 66 | 3 | 407,000,000 | 122,000 |
| 4953L | REFUSE SYSTEMS (LANDFILLS) | 80 | 74 | 847,000,000 | 122,000 |
| 3089 | PLASTICS PRODUCTS, NEC | 37 | 184 | 143,000,000 | 121,000 |
| 5812 | EATING PLACES | 140 | 317 | 174,000,000,000 | 119,000 |
| 6513 | OPERATORS OF APART BUILDINGS | 201 | 574 | 2,750,000,000 | 117,000 |
| 2821 | PLSTC MAT./SYN RESINS/NV ELAST | 129 | 138 | 158,000,000 | 109,000 |
| 2631-2 | PAPERBOARD MILLS- Phase II | 29 | 4 | 176,000,000 | 106,000 |
| 1041 | GOLD ORES | 30 | 2028 | 78,600,000 | 102,000 |
| 2873 | NITROGEN FERTILIZERS | 40 | 42 | 79,200,000 | 99,200 |
| 6514 | OPER OF DWELL OTHER THAN APART | 52 | 2044 | 159,000,000,000 | 98,100 |
| 2869P | INDUST. ORGANIC CHEMICALS NEC (PESTICIDES) | 83 | | 1,040 | 94,500 |
| 4931 | ELEC & OTHER SERVICES COMBINED | 53 | 122 | 198,000,000 | 89,700 |
| 9999 | NONCLASSIFIABLE ESTABLISHMENTS | 357 | 3799 | 6,210,000,000 | 85,300 |
| 2621-1 | PAPER MILLS- Phase I | 35 | | 530,000,000 | 80,900 |
| 3365 | ALUMINUM FOUNDRIES | 12 | 47 | 137,000,000 | 77,700 |
| 8811 | PRIVATE HOUSEHOLDS | 12 | 196 | 18,500,000 | 74,400 |
| 4612 | CRUDE PETROLEUM PIPELINES | 26 | 66 | 5,390,000,000 | 71,600 |

Table C-4. SIC Code Rankings by TWPE *DMRLoads2008*

| SIC Code | SIC Description | Major Dischargers | Indirect Discharges | Total Pounds Released | TWPE |
|----------|--------------------------------|-------------------|---------------------|-----------------------|--------|
| 7033 | REC VEHICLE PARKS & CAMPSITES | 297 | 470 | 10,000,000,000 | 67,000 |
| 5171 | PETROLEUM BULK STATIONS & TERM | 525 | 1383 | 1,620,000,000 | 58,800 |
| 9711 | NATIONAL SECURITY | 114 | 275 | 582,000,000 | 53,700 |
| 3081 | UNSUPPORTED PLSTICS FILM/SHEET | 44 | 159 | 92,000,000 | 52,400 |
| 6515 | OPER OF RES MOBILE HOME SITES | 848 | 1537 | 1,160,000,000 | 50,400 |
| 1061 | FERROALLOY ORES, EXCL VANADIUM | 6 | 7 | 203,000,000 | 45,000 |
| 2211 | BROAD WOVEN FABRIC MILLS, COTT | 12 | 27 | 2,560,000 | 44,800 |
| 3069 | FABRICATED RUBBER PRODUCTS,NEC | 41 | 86 | 12,500,000 | 44,600 |
| 3721 | AIRCRAFT | 7 | 27 | 217,000 | 44,300 |
| 1031 | LEAD AND ZINC ORES | 26 | 17 | 56,600,000 | 42,300 |
| 1222 | BITUMINOUS COAL & LIG, UNDERGR | 61 | 107 | 378,000,000 | 40,000 |
| 3714 | MOTOR VEHICLE PARTS & ACCESSOR | 72 | 182 | 1,740,000 | 37,500 |
| 3334 | PRIMARY PRODUCTION OF ALUMINUM | 18 | 10 | 25,900,000 | 37,100 |
| 2631-1 | PAPERBOARD MILLS- Phase I | 7 | | 118,000,000 | 37,000 |
| 1221 | BITUMINOUS COAL & LIG, SURFACE | 303 | 1668 | 859,000,000 | 36,500 |
| 3599 | INDUSTRIAL MACHINERY, NEC | 7 | 73 | 7,560,000 | 34,800 |
| 2281 | YARN SPIN MILLS:COTTON, MM FIB | 10 | 23 | 112,000 | 34,600 |
| 8744 | FACILITIES SUPPORT SERVICES | 5 | 16 | 1,190,000,000 | 33,100 |
| 2833 | MEDICINAL CHEM/BOTANICAL PRODU | 27 | 26 | 22,100,000 | 33,100 |
| 3353 | ALUMINUM SHEET, PLATE AND FOIL | 14 | 17 | 4,060,000 | 32,500 |
| 2411 | LOGGING CAMPS/LOGGING CONTRACT | 15 | 237 | 13,500,000 | 32,200 |
| 1442 | CONSTRUCTION SAND AND GRAVEL | 382 | 1285 | 116,000,000 | 31,200 |
| 5411 | GROCERY STORES | 37 | 234 | 359,000,000 | 30,700 |
| 8422 | BOTANICAL & ZOOLOGICAL GARDENS | 11 | 24 | 1,210,000,000 | 27,800 |
| 2063 | BEET SUGAR | 18 | 8 | 12,900,000,000 | 26,700 |
| 2822 | SYN RUBBER (VULCAN ELASTOMERS) | 16 | 15 | 16,400,000 | 26,300 |
| CWT | CENTRALIZED WASTE TREATERS | 9 | | 149,000,000 | 25,500 |
| 3479 | METAL COATING & ALLIED SERVIC | 41 | 168 | 9,690,000 | 24,800 |
| 0921 | FISH HATCHERIES AND PRESERVES | 196 | 503 | 206,000,000 | 24,200 |
| 5172 | PETROL & PET PROD WHOLESALERS | 64 | 121 | 2,010,000,000 | 23,700 |
| 2899 | CHEMICALS & CHEM PREP, NEC | 47 | 129 | 390,000,000 | 22,400 |
| 2491 | WOOD PRESERVING | 51 | 164 | 11,600,000 | 21,800 |
| 3452 | BOLTS, NUTS, RIVETS & WASHERS | 7 | 27 | 146,000,000 | 21,000 |
| 3321 | GRAY IRON FOUNDRIES | 37 | 139 | 12,300,000 | 20,700 |
| SUPER | SUPERFUND SITE | 1 | | 951,000 | 20,500 |
| 3861 | PHOTOGRAPHIC EQUIP & SUPPLIES | 6 | 9 | 45,600,000 | 19,700 |
| 3471 | PLATING AND POLISHING | 60 | 194 | 2,950,000 | 19,400 |
| 2879 | PESTICIDES & AGRICULTURAL CHEM | 23 | 27 | 109,000,000 | 19,000 |
| 9223 | CORRECTIONAL INSTITUTIONS | 85 | 150 | 5,980,000 | 17,800 |
| 2874 | PHOSPHATIC FERTILIZERS | 24 | 14 | 37,200,000 | 17,200 |
| 1479 | CHEM & FERT MINERA MINING, NEC | 8 | 34 | 107,000,000 | 16,800 |
| 3795 | TANKS AND TANK COMPONENTS | 4 | 12 | 1,320,000 | 16,800 |
| 3316 | COLD ROLLED STEEL SHEET/STRIP | 18 | 25 | 9,750,000 | 16,800 |
| 3612 | TRANSFORMERS | 7 | 21 | 7,490 | 16,600 |
| 2834 | PHARMACEUTICAL PREPARATIONS | 50 | 101 | 52,500,000 | 16,000 |
| 4226 | SPECIAL WAREHOUSING & STORAGE | 63 | 147 | 5,250,000 | 15,400 |
| 2611-2 | PULP MILLS- Phase II | 39 | | 61,400,000 | 15,300 |
| 3331 | PRIMRY SMELTING & COPPER REFIN | 3 | 2 | 479,000 | 14,800 |
| 3325 | STEEL FOUNDRIES, NEC | 9 | 36 | 983,000,000 | 14,400 |
| 2273 | CARPETS AND RUGS, NEC | 6 | 9 | 2,060,000 | 14,200 |

Table C-4. SIC Code Rankings by TWPE *DMRLoads2008*

| SIC Code | SIC Description | Major Dischargers | Indirect Discharges | Total Pounds Released | TWPE |
|----------|--|-------------------|---------------------|-----------------------|--------|
| 2816 | INORGANIC PIGMENTS | 19 | 26 | 963,000,000 | 14,200 |
| 2011 | MEAT PACKING PLANTS | 81 | 140 | 155,000,000 | 12,100 |
| 3251 | BRICK AND STRUCTURAL CLAY TILE | 11 | 42 | 335,000,000 | 11,000 |
| 3317 | STEEL PIPE AND TUBES | 28 | 60 | 7,380,000 | 10,400 |
| 2048 | PREP FEEDS & INGRED FOR ANIMA | 30 | 134 | 21,400,000 | 10,400 |
| 2892 | EXPLOSIVES | 15 | 28 | 784,000,000 | 10,400 |
| 1481 | NONMETAL MINERAL (EXCEPT FUELS | 2 | 8 | 645,000 | 10,300 |
| 3489 | ORDNANCE AND ACCESSORIES, NEC | 4 | 11 | 710,000 | 10,000 |
| 2015 | POULTRY SLAUGHTERING & PROCESS | 84 | 159 | 919,000,000 | 9,800 |
| 3671 | ELECTRON TUBES | 5 | 13 | 43,500,000 | 9,520 |
| 4925 | MIXED,MANUFAC,OR LIQ GAS PROD | 10 | 33 | 119,000,000 | 9,470 |
| 3369 | NONFERROUS FOUNDRIES, EXC ALUM | 3 | 14 | 3,560,000 | 9,180 |
| 2062 | CANE SUGAR REFINING | 5 | 18 | 3,540,000 | 8,620 |
| 3562 | BALL AND ROLLER BEARINGS | 12 | 22 | 8,570,000 | 8,190 |
| 6552 | LAND SUBDIVIDERS & DEV, EX CEM | 451 | 693 | 28,600,000 | 8,140 |
| 3356 | ROLL, DRAW & EXTRUD NONFERROUS | 5 | 16 | 1,710,000 | 8,110 |
| 1475 | PHOSPHATE ROCK | 21 | 23 | 53,300,000 | 8,110 |
| 1011 | IRON ORES | 6 | 26 | 38,400,000 | 7,990 |
| 2421 | SAWMILLS & PLANING MILLS, GEN | 72 | 417 | 13,700,000 | 7,640 |
| 2813 | INDUSTRIAL GASES | 47 | 127 | 5,780,000 | 7,560 |
| 8059 | NURSING AND PERSONAL CARE, NEC | 27 | 38 | 35,500,000 | 7,440 |
| 2258 | WARP KNIT FABRIC MILLS | 4 | 7 | 860,000 | 7,440 |
| 3761 | GUIDED MISSILES & SPACE VEHICL | 1 | 7 | 2,610 | 7,290 |
| 1389 | OIL AND & FIELD SERVICES, NEC | 19 | 246 | 712,000,000 | 7,030 |
| 3523 | FARM MACHINERY AND EQUIPMENT | 13 | 55 | 171,000 | 6,950 |
| 8062 | GEN. MEDICAL/SURGICAL HOSPITAL | 15 | 61 | 1,320,000 | 6,900 |
| 5499 | MISCELLANEOUS FOOD STORES | 1 | 16 | 12,300,000,000 | 6,600 |
| 2262 | FINISH OF BRD WOV FAB/MAN-MADE | 13 | 6 | 18,700,000 | 6,410 |
| 4922 | NATURAL GAS TRANSMISSION | 86 | 348 | 11,000,000 | 6,150 |
| 3764 | SPACE PROPULSION UNITS & PARTS | 5 | 4 | 300,000,000 | 6,130 |
| 1241 | COAL MINING SERVICE | 52 | 101 | 30,600,000 | 6,020 |
| 3728 | AIRCRAFT PARTS AND EQUIP, NEC | 12 | 40 | 270,000 | 5,980 |
| 3646 | COMMERCIAL LIGHTING FIXTURES | 1 | | 11,900 | 5,700 |
| 1422 | CRUSHED AND BROKEN LIMESTONE | 354 | 874 | 171,000,000 | 5,590 |
| 2411-1 | LOGGING CAMPS/LOGGING CONTRACT (PULP AND PAPER PHASE I) | 1 | | 23,300,000 | 5,270 |
| 3499 | FABRICATED METAL PRODUCTS NEC | 30 | 124 | 17,100,000 | 4,910 |
| 2824 | SYN ORG FIBERS,EXCEPT CELLULOS | 15 | 13 | 147,000,000 | 4,850 |
| 2611-3 | PULP MILLS- Phase III | 3 | | 34,200,000 | 4,720 |
| 2865 | CYCLIC CRUDES INTERM., DYES | 28 | 36 | 15,600,000 | 4,680 |
| 2611 | PULP MILLS | 7 | 26 | 812,000 | 4,660 |
| 2013 | SAUSAGES & PREPARED MEAT PROD | 18 | 53 | 166,000,000 | 4,490 |
| 1474 | POTASH, SODA & BORATE MINERALS | 1 | 1 | 554,000,000 | 4,360 |
| 3568 | POWER TRANSMISSION EQUIPMENT | 4 | 14 | 188,000,000 | 4,310 |
| 1459 | CLAY, CERAMIC & REFRAC MAT NEC | 48 | 153 | 2,120,000 | 4,160 |
| 3585 | REFRIGERATION & HEATING EQUIP | 17 | 49 | 264,000 | 4,030 |
| 1629 | HEAVY CONSTRUCTION, NEC | 21 | 1462 | 30,500,000 | 3,990 |
| 3399 | PRIMARY METAL PRODUCTS, NEC | 14 | 50 | 1,920,000 | 3,980 |
| 3731 | SHIP BUILDING AND REPAIRING | 28 | 185 | 1,180,000 | 3,800 |
| 1499 | MISC NONMETAL MINERALS, NEC | 31 | 161 | 240,000,000 | 3,680 |

Table C-4. SIC Code Rankings by TWPE *DMRLoads2008*

| SIC Code | SIC Description | Major Dischargers | Indirect Discharges | Total Pounds Released | TWPE |
|----------|--------------------------------|-------------------|---------------------|-----------------------|-------|
| 2046 | WET CORN MILLING | 24 | 25 | 29,000,000 | 3,640 |
| 9661 | SPACE RESEARCH AND TECHNOLOGY | 5 | 8 | 26,700,000 | 3,550 |
| 3483 | AMMUNIT., EXC. FOR SMALL ARMS | 12 | 6 | 522,000 | 3,500 |
| 2075 | SOYBEAN OIL MILLS | 22 | 36 | 7,320,000 | 3,320 |
| 4961 | STEAM & AIR-CONDITIONING SUP | 17 | 51 | 5,900,000 | 3,190 |
| 5093 | SCRAP & WASTE MATERIALS | 23 | 809 | 187,000 | 3,090 |
| 8221 | COLLEGES, UNIV & PROF SCHOOLS | 56 | 141 | 12,000,000 | 2,880 |
| 9511 | AIR & WATER RES & SOL WSTE MGT | 50 | 191 | 116,000,000 | 2,790 |
| 3675 | ELECTRONIC CAPACITORS | 6 | 14 | 1,070 | 2,770 |
| 3674 | SEMICONDUCTORS & RELATED DEVIC | 8 | 33 | 2,410,000 | 2,760 |
| 3313 | ELECTROMETALLURGICAL PRODUCTS | 9 | 14 | 4,130,000 | 2,560 |
| 2342 | BRASSIERS,GIRDLES & ALLIED GAR | 1 | 1 | 1,890,000 | 2,520 |
| 3711 | MOTOR VEHICLES & CAR BODIES | 15 | 40 | 34,700,000 | 2,500 |
| 2514 | METAL HOUSEHOLD FURNITURE | 1 | 8 | 4,950,000 | 2,470 |
| 3061 | MECHANICAL RUBBER GOODS | 16 | 41 | 2,050,000,000 | 2,410 |
| 3724 | AIRCRAFT ENGINES & ENGINE PART | 10 | 17 | 2,040,000 | 2,360 |
| 3351 | ROLL/DRAW/EXTRUDING OF COPPER | 16 | 36 | 1,820,000 | 2,240 |
| 4225 | GENERAL WAREHOUSING & STORAGE | 23 | 155 | 1,110,000,000 | 2,140 |
| MPM | METAL PRODUCTS AND MACHINERY | 518 | | 133,000,000 | 2,060 |
| 4959 | SANITARY SERVICES, NEC | 65 | 282 | 224,000,000 | 2,050 |
| 7996 | AMUSEMENT PARKS | 26 | 43 | 4,090,000 | 2,040 |
| 3822 | ENVIRONMENTAL CONTROLS | 11 | 52 | 9,990,000 | 2,030 |
| 3315 | STEEL WIRE DRAW & STEEL NAILS | 13 | 37 | 5,770,000 | 1,950 |
| 3494 | VALVES AND PIPE FITTINGS, NEC | 5 | 25 | 823,000 | 1,950 |
| 2621 | PAPER MILLS | 15 | 72 | 8,390,000 | 1,830 |
| 3273 | READY-MIXED CONCRETE | 123 | 2021 | 249,000,000 | 1,770 |
| 7011 | HOTELS AND MOTELS | 155 | 376 | 52,200,000 | 1,650 |
| 3589 | SERVICE INDUSTRY MACHINERY | 9 | 22 | 1,340,000 | 1,620 |
| 2253 | KNIT OUTERWEAR MILLS | 1 | 3 | 129,000 | 1,590 |
| 4491 | MARINE CARGO HANDLING | 52 | 186 | 17,300,000 | 1,580 |
| 1099 | METAL ORES, NEC | 14 | 23 | 336,000 | 1,570 |
| 4011 | RAILROADS, LINE HAUL OPERATING | 63 | 222 | 1,640,000 | 1,420 |
| 7997 | MEMBERSHIP SPORTS & REC CLUBS | 47 | 126 | 16,300,000 | 1,410 |
| 3272 | CONCRETE PROD EXC BLCK & BRICK | 29 | 274 | 58,100,000 | 1,390 |
| 4724 | TRAVEL AGENCIES | 2 | 3 | 51,900,000 | 1,350 |
| 2812 | ALKALIES AND CHLORINE | 5 | 12 | 285,000,000 | 1,350 |
| 7933 | BOWLING CENTERS | 4 | 4 | 13,000,000 | 1,280 |
| 2499 | WOOD PRODUCTS, NEC | 11 | 75 | 9,450,000 | 1,200 |
| 2269 | FINISHERS OF TEXTILES, NEC | 13 | 11 | 2,400,000 | 1,140 |
| 0112 | RICE | 1 | 1 | 12,300 | 1,130 |
| 3363 | ALUMINUM DIE CASTING | 4 | 22 | 182,000 | 1,110 |
| 1321 | NATURAL GAS LIQUIDS | 23 | 72 | 2,690,000 | 1,110 |
| 3465 | AUTOMOTIVE STAMPINGS | 5 | 18 | 342,000 | 1,020 |
| 8063 | PSYCHIATRIC HOSPITALS | 8 | 16 | 85,600 | 1,010 |
| 1455 | KAOLIN AND BALL CLAY | 40 | 103 | 2,360,000 | 991 |
| 3291 | ABRASIVE PRODUCTS | 6 | 22 | 877,000 | 985 |
| 2231 | BROAD WOVEN FABRIC MILLS, WOOL | 4 | 4 | 523,000 | 958 |
| 8999 | SERVICES, NEC | 236 | 510 | 1,390,000 | 939 |
| 8661 | RELIGIOUS ORGANIZATIONS | 103 | 247 | 11,900,000,000 | 876 |
| 3297 | NONCLAY REFRACTORIES | 8 | 16 | 96,400,000 | 868 |

Table C-4. SIC Code Rankings by TWPE *DMRLoads2008*

| SIC Code | SIC Description | Major Dischargers | Indirect Discharges | Total Pounds Released | TWPE |
|-----------|--------------------------------|-------------------|---------------------|-----------------------|------|
| 9229 | PUBLIC ORDER AND SAFETY, NEC | 2 | 8 | 12,700 | 867 |
| 3271 | CONCRETE BLOCK & BRICK | 13 | 159 | 528,000,000 | 844 |
| 3482 | SMALL ARMS AMMUNITION | 6 | 3 | 3,040,000 | 783 |
| 1542 | GEN CONTRACT, NON-RES BLDGS. | 7 | 1201 | 17,600,000 | 770 |
| 3275 | GYP SUM PRODUCTS | 7 | 26 | 5,650,000 | 716 |
| 2022 | CHEESE, NATURAL AND PROCESSED | 32 | 120 | 26,200,000 | 715 |
| 2252 | HOSIERY, NEC | 1 | 1 | 71,000 | 671 |
| 1541 | GEN CONTRACT-INDUST. BLDGS. | 4 | 282 | 70,000 | 667 |
| 4119 | LOCAL PASSENGER TRANSPORTATION | 1 | 22 | 414,000 | 653 |
| 2952 | ASPHALT FELT AND COATINGS | 23 | 66 | 6,760,000 | 630 |
| 3691 | STORAGE BATTERIES | 6 | 16 | 124,000 | 619 |
| 3295 | MINE & EARTHS, GROUND OR TREAT | 25 | 97 | 8,190,000 | 616 |
| 0259 | POULTRY AND EGGS, NEC | 1 | 46 | 1,440,000 | 595 |
| 3211 | FLAT GLASS | 12 | 22 | 434,000 | 586 |
| 2091 | CANNED & CURED FISH & SEAFOOD | 10 | 63 | 84,400,000 | 560 |
| 2026 | FLUID MILK | 22 | 74 | 2,660,000 | 511 |
| 3533 | OIL FIELD MACHINERY | 9 | 34 | 28,500 | 510 |
| 2789 | BOOKBINDING & RELATED WORK | 1 | | 291,000 | 488 |
| 3411 | METAL CANS | 4 | 19 | 43,400,000 | 476 |
| 5169 | CHEMICALS AND ALLIED PRODUCTS | 35 | 92 | 20,700,000 | 444 |
| 2099 | FOOD PREPARATIONS, NEC | 19 | 57 | 11,000,000 | 440 |
| 0182 | FOOD CROPS GROWN UNDER COVER | 3 | 13 | 53,000 | 434 |
| 3463 | NONFERROUS FORGINGS | 9 | 6 | 13,300,000 | 431 |
| 3011 | TIRES AND INNER TUBES | 23 | 48 | 199,000,000 | 405 |
| 3354 | ALUMINUM EXTRUDED PRODUCTS | 9 | 27 | 1,500,000 | 384 |
| 2047 | DOG AND CAT FOOD | 9 | 31 | 1,460,000 | 377 |
| 2092 | FRE OR FROZ PCK FISH, SEAFOOD | 66 | 538 | 184,000,000 | 372 |
| 8361 | RESIDENTIAL CARE | 51 | 89 | 1,580,000 | 368 |
| 2892OCPSF | EXPLOSIVES (OCPSF) | 1 | | 15,800,000 | 356 |
| 4939 | COMBINATION UTILITIES, NEC | 28 | 72 | 15,700,000 | 354 |
| 8641 | CIVIC, SOCIAL & FRATERNAL ASS. | 90 | 247 | 252,000,000 | 353 |
| 2434 | WOOD KITCHEN CABINETS | 1 | 34 | 5,840 | 349 |
| 8412 | MUSEUMS AND ART GALLERIES | 29 | 82 | 59,400 | 342 |
| 3444 | SHEET METAL WORK | 9 | 55 | 10,700,000 | 335 |
| 2895 | CARBON BLACK | 5 | 13 | 840,000 | 335 |
| 2035 | PICKLED FRTS & VEG. SAUCES | 10 | 26 | 23,900,000 | 335 |
| 6512 | OPER OF NONRESIDENTIAL BLDGS | 108 | 288 | 265,000,000 | 327 |
| 7041 | ORG. HOTEL & LODG HSE, ON MEMB | 10 | 23 | 522,000,000 | 317 |
| 0711 | SOIL PREPARATION SERVICES | 3 | 9 | 30,200 | 302 |
| 3511 | TURBINES & TURBINE GENERATOR | 6 | 8 | 6,090 | 300 |
| 5014 | TIRES AND TUBES | 1 | 3 | 430,000 | 294 |
| 2257 | CIRCULAR KNIT FABRIC MILLS | 3 | 2 | 7,280,000 | 287 |
| 2082 | MALT BEVERAGES | 9 | 27 | 2,200,000 | 281 |
| 3519 | INTERNAL COMBUSTION ENGINES, | 7 | 21 | 4,320,000 | 278 |
| 4512 | AIR TRANSPORTATION, SCHEDULED | 5 | 29 | 1,960,000 | 273 |
| 2032 | CANNED SPECIALTIES | 9 | 19 | 479,000 | 266 |
| 8051 | SKILLED NURSING CARE FACILITIE | 112 | 162 | 1,230,000,000 | 265 |
| 2077 | ANIMAL AND MARINE FATS & OILS | 18 | 65 | 8,890,000 | 262 |
| 3255 | CLAY REFRACTORIES | 7 | 43 | 5,820,000,000 | 253 |
| 2511 | WOOD HOUSEHOLD FURN, EXC UPHOL | 3 | 27 | 1,310 | 246 |

Table C-4. SIC Code Rankings by TWPE *DMRLoads2008*

| SIC Code | SIC Description | Major Dischargers | Indirect Discharges | Total Pounds Released | TWPE |
|----------|---|-------------------|---------------------|-----------------------|------|
| 3229 | PRESSED & BLOWN GLASS & GWARE | 20 | 46 | 16,500,000 | 245 |
| 3531 | CONSTRUCTION MACHINERY | 7 | 70 | 468,000 | 242 |
| 3357 | DRAW/INSULAT OF NONFERROUS WIR | 30 | 44 | 71,900 | 237 |
| 9512 | LAND, MIN, WILDLIFE/FOREST CON | 88 | 158 | 90,200,000 | 224 |
| 4613 | REFINED PETROLEUM PIPELINE | 72 | 177 | 289,000,000 | 219 |
| 2861 | GUM AND WOOD CHEMICALS | 12 | 16 | 3,700,000 | 218 |
| 2023 | CONDENSED AND EVAPORATED MILK | 11 | 46 | 2,710,000 | 216 |
| 1429 | CRUSHED AND BROKEN STONE, NEC | 49 | 142 | 13,700,000 | 212 |
| 4499 | WATER TRANSPORTATION SERIVCES | 6 | 47 | 11,900 | 204 |
| 2493 | RECONSTITUTED WOOD PRODUCTS | 16 | 51 | 6,390,000 | 200 |
| 3569 | GENERAL INDUSTRIAL MACHINERY | 7 | 25 | 87,600 | 196 |
| 1711 | PLUMB, HEAT & AIR CONDITIONING | 3 | 16 | 234,000,000 | 195 |
| 3949 | SPORTING & ATHLETIC GOODS, NEC | 1 | 6 | 2,630 | 192 |
| 1446 | INDUSTRIAL SAND | 37 | 56 | 1,840,000 | 190 |
| 3462 | IRON AND STEEL FORGINGS | 10 | 38 | 209,000 | 188 |
| 6531 | REAL ESTATE AGENTS & MANAGERS | 8 | 40 | 4,280,000,000 | 181 |
| 8299 | SCHOOLS & EDUCATIONAL SERVICES | 11 | 41 | 627,000 | 179 |
| 2754 | COMMERCIAL PRINTING, GRAVURE | 4 | 13 | 981,000 | 177 |
| VCCAP | CHLORINE AND CHLORINATED HYDROCARBONS (PESTICIDES) | 21 | | 255 | 162 |
| 2043 | CEREAL BREAKFAST FOODS | 3 | 13 | 414 | 153 |
| 8734 | COMMERCIAL TESTING LABORATORY | 11 | 34 | 12,800,000 | 150 |
| 3625 | RELAYS AND INDUSTRIAL CONTROLS | 4 | 22 | 308 | 147 |
| 3624 | CARBON AND GRAPHITE PRODUCTS | 10 | 18 | 491,000 | 145 |
| 3732 | BOAT BUILDING AND REPAIRING | 4 | 78 | 178,000 | 142 |
| 3841 | SURGICAL & MEDICAL INSTRUMENTS | 6 | 23 | 3,070 | 140 |
| 2448 | WOOD PALLETS AND SKIDS | 2 | 34 | 138,000 | 135 |
| 2821P | PLSTC MAT./SYN RESINS/NV ELAST (PESTICIDES) | 49 | | 1,240 | 129 |
| 3639 | HOUSEHOLD APPLIANCES, NEC | 2 | 5 | 338,000 | 128 |
| 2033 | CANNED FRUITS, VEG, PRES, JAM | 52 | 164 | 42,500,000 | 127 |
| 2436 | SOFTWOOD VENEER AND PLYWOOD | 13 | 40 | 1,130,000 | 126 |
| 5159 | FARM-PRODUCT RAW MATERIALS | 1 | 1 | 4,730,000 | 122 |
| 2951 | PAVING MIXTURES AND BLOCKS | 46 | 403 | 1,430,000 | 121 |
| 2299 | TEXTILE GOODS, NEC | 3 | 11 | 2,160 | 110 |
| 2676 | SANITARY PAPER PRODUCTS | 4 | 9 | 128,000 | 107 |
| 3469 | METAL STAMPINGS, NEC | 9 | 46 | 58,600 | 107 |
| 2891 | ADHESIVES AND SEALANTS | 13 | 36 | 2,460,000 | 106 |
| 3715 | TRUCK TRAILERS | 5 | 26 | 26,800 | 103 |
| 9111 | EXECUTIVE OFFICES | 7 | 240 | 104,000 | 102 |
| 8249 | VOCATIONAL SCHOOLS, NEC | 17 | 32 | 1,470,000 | 92.5 |
| 1044 | SILVER ORES | 5 | 29 | 228,000 | 92 |
| 3635 | HOUSEHOLD VACUUM CLEANERS | 2 | 2 | 5,130 | 90.5 |
| 4812 | RADIOTELEPHONE COMMUNICATIONS | 2 | 6 | 119,000 | 87 |
| 3498 | FABRICATED PIPE AND FITTINGS | 14 | 31 | 639,000 | 84.1 |
| 3296 | MINERAL WOOL | 5 | 32 | 45,400 | 81.6 |
| 3965 | FASTENERS, BUTTONS, NEEDLES | 2 | 3 | 664 | 81.4 |
| 2671 | COATED & LAMINATED PACKAGING | 6 | 22 | 284,000 | 80.9 |
| 3812 | SEARCH & NAVIGATION EQUIPMENT | 4 | 21 | 1,190,000 | 76 |
| 4789 | TRANSPORTATION SERVICES, NEC | 18 | 45 | 671,000 | 73.2 |

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| SIC Code | SIC Description | Major Dischargers | Indirect Discharges | Total Pounds Released | TWPE |
|----------|--------------------------------------|-------------------|---------------------|-----------------------|------|
| 3364 | NONFERROUS DIE CAST, EXC. ALUM | 3 | 16 | 10,900 | 73.2 |
| 3613 | SWITCHGEAR & SWITCHBOARD APPAR | 10 | 18 | 1,580 | 72.8 |
| 7538 | GENERAL AUTO REPAIR SHOPS | 16 | 87 | 3,680,000,000 | 72.8 |
| 2823 | CELLULOSIC MAN-MADE FIBERS | 3 | 2 | 6,220,000 | 64.9 |
| 2841 | SOAP/DETERG EXC SPECIAL CLEANR | 10 | 37 | 827,000 | 64.8 |
| 3429 | HARDWARE, NEC | 3 | 21 | 204 | 63.8 |
| 2999 | PROD OF PETROLEUM & COAL, NEC | 10 | 39 | 5,790,000 | 59 |
| 7699 | REPAIR SHOPS & RELATED SERVICE | 16 | 78 | 796,000,000 | 56.8 |
| 9621 | REG & ADMIN OF TRANS PROGRAMS | 56 | 140 | 97,800 | 55.9 |
| 2221 | BROAD WOVEN FABRIC MILLS, SYNT | 12 | 15 | 525,000 | 54.7 |
| 3792 | TRAVEL TRAILERS AND CAMPERS | 1 | 5 | 78.8 | 54.2 |
| 3449 | MISC. STRUCTUAL METAL WORK | 4 | 24 | 23,200 | 53.5 |
| 3661 | TELEPHONE/TELEGRAPH APPARATUS | 2 | 7 | 5,920 | 53.2 |
| 5015 | MOTOR VEHICLE PARTS, USED | 4 | 1245 | 11,900 | 51 |
| 3299 | NONMETALLIC MINERAL PROD, NEC | 4 | 16 | 34,500 | 50.8 |
| 2037 | FROZEN FRTS, FRT JUICES & VEG | 10 | 25 | 6,220,000 | 48.8 |
| 8733 | NONCOMMERCIAL RESEARCH ORGANI | 17 | 48 | 3,570,000 | 48.6 |
| 3443 | FAB PLATE WORK (BOILER SHOPS) | 12 | 88 | 37,200 | 47.9 |
| 9199 | GENERAL GOVERNMENT, NEC | 33 | 100 | 7,190,000 | 46.1 |
| 3441 | FABRICATED STRUCTURAL METAL | 6 | 99 | 303 | 45.9 |
| 7334 | PHOTOCOPYING/DUPLICATING SERV | 1 | 1 | 275 | 41.7 |
| 8052 | INTERMEDIATE CARE FACILITIES | 17 | 32 | 77,600 | 41.2 |
| 5421 | MEAT AND FISH MARKETS | 1 | 7 | 842 | 40.2 |
| 3699 | ELEC MACHINERY,EQUIP & SUPPLIE | 3 | 11 | 11,200 | 37.1 |
| 2067 | CHEWING GUM | 2 | 2 | 6,710 | 37.1 |
| 8082 | HOME HEALTH CARE SERVICES | 4 | 5 | 1,190,000,000 | 35.9 |
| 3995 | BURIAL CASKETS | 4 | 8 | 232 | 34.6 |
| 8351 | CHILD DAY CARE SERVICES | 36 | 69 | 54,500 | 34 |
| 7992 | PUBLIC GOLF COURSES | 14 | 35 | 239,000,000 | 33 |
| 7299 | MISCELLANEOUS PERSONAL SERVICE | 15 | 31 | 12,300 | 32.9 |
| 7216 | DRYCLEAN PLANTS, EXC RUG CLEAN | 2 | 6 | 68.7 | 32.7 |
| 3561 | PUMPS AND PUMPING EQUIPMENT | 8 | 30 | 28,600 | 32.6 |
| 7542 | CAR WASHES | 38 | 538 | 176,000,000 | 32.4 |
| 2631 | PAPERBOARD MILLS | 12 | 36 | 1,200,000 | 31.7 |
| 2591 | DRAPE HARDWARE/WINDOW BLINDS | 1 | 3 | 98.7 | 30.7 |
| 3491 | INDUSTRIAL VALVES | 3 | 17 | 409 | 30.3 |
| 2836 | BIOLOGCAL PROD, EXCEPT DIAGNOS | 3 | 8 | 114,000 | 30.2 |
| 2079 | SHORT, TABLE OILS, MARGERINE | 6 | 14 | 2,630,000 | 29.8 |
| 3448 | PREFABRICATED METAL BUILDINGS | 4 | 18 | 150 | 29.1 |
| 2842 | SPECIALTY CLEANING, POLISHING | 4 | 34 | 97,800 | 28.7 |
| 7261 | FUNERAL SERVICES & CREMATORIES | 6 | 7 | 266 | 28.2 |
| 1094 | URANIUM-RADIUM-VANADIUM ORES | 15 | 28 | 3,170,000 | 27.2 |
| 3678 | CONNECTORS FOR ELEC APPLICATIO | 1 | 11 | 93.6 | 26.2 |
| 2893 | PRINTING INK | 6 | 34 | 3,130 | 24.8 |
| 3471CC | PLATING AND POLISHING (COIL COATING) | 1 | | 196 | 24.4 |
| 4111 | LOCAL AND SUBURBAN TRANSIT | 9 | 62 | 185,000 | 23.3 |
| 3769 | SPACE VEHICLE EQUIPMENT, NEC | 1 | 3 | 10.1 | 23.2 |
| 3566 | SPEED CHANGERS, DRIVES & GEARS | 3 | 9 | 3,190 | 22.7 |
| 7991 | PHYSICAL FITNESS FACILITIES | 14 | 103 | 4,910 | 22.6 |

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| SIC Code | SIC Description | Major Dischargers | Indirect Discharges | Total Pounds Released | TWPE |
|----------|--|-------------------|---------------------|-----------------------|------|
| 7389 | BUSINESS SERVICES, NEC | 15 | 90 | 184,000 | 22.1 |
| 5311 | DEPARTMENT STORES | 3 | 10 | 885 | 20.8 |
| 3751 | MOTORCYCLES, BICYCLES AND PART | 3 | 8 | 193 | 19.1 |
| 2851 | PAINTS/VARNISH/LACQUERS/ENAMEL | 20 | 91 | 61,400 | 18.3 |
| 3524 | LAWN AND GARDEN EQUIPMENT | 4 | 11 | 48.8 | 17.8 |
| 0252 | CHICKEN EGGS | 4 | 103 | 147,000 | 17.7 |
| 4785 | INSPECTION & FIXED FACILITIE | 7 | 22 | 234,000 | 17.6 |
| 3111 | LEATHER TANNING AND FINISHING | 2 | 10 | 62,200 | 17.5 |
| 0253 | TURKEY AND TURKEY EGGS | 2 | 10 | 17,300 | 17.3 |
| 0181 | ORNAMENTAL NURSERY PRODUCTS | 11 | 21 | 218,000 | 17 |
| 2992 | LUBRICATING OILS AND GREASES | 20 | 64 | 1,620,000 | 16.9 |
| 5999 | MISCELLANEOUS RETAIL STORES | 4 | 23 | 5,040 | 16.8 |
| 3451 | SCREW MACHINE PRODUCTS | 5 | 20 | 2,590 | 16.2 |
| 3264 | PORCELAIN ELECTRICAL SUPPLIES | 6 | 13 | 20,800 | 16 |
| 3544 | SPECIAL DIES/TOOLS/JIGS & FIXT | 3 | 25 | 28,000,000 | 15.5 |
| 4222 | REFRIGERTAED WAREHOUSING & STO | 6 | 38 | 234,000 | 15.5 |
| 2843 | SURF ACTIVE AGENT, FIN AGENTS | 3 | 8 | 1,070,000 | 15.1 |
| 3497 | METAL FOIL AND LEAF | 3 | 7 | 2,210 | 15 |
| 9431 | ADMIN OF PUB HEALTH PROGRAMS | 1 | 1 | 10,700 | 14.8 |
| 3592 | CARBURETORS,PISTONS,RINGS,VALV | 3 | 12 | 90.6 | 14.5 |
| 8069 | SPECIALTY HOSPITALS | 5 | 15 | 8,410 | 14.1 |
| 3253 | CERAMIC WALL AND FLOOR TILE | 3 | 8 | 118,000 | 13.8 |
| 3087 | CUSTOM COMPOUNDED PURCH. RESIN | 9 | 31 | 83,700 | 13.3 |
| 3824 | FLUID METERS & COUNTING DEVICE | 2 | 16 | 69.2 | 13.3 |
| 2542 | METAL PARTI,SHELF,LOCKERS | 4 | 24 | 28.3 | 12.4 |
| 5083 | FARM & GARDEN MACHINE & EQUIP | 1 | 6 | 2,190 | 12.3 |
| 4173 | BUS TERMINAL & SERVICE FACILIT | 2 | 64 | 184 | 12.1 |
| 2844 | PERFUMES,COSMETICS,TOILET PREP | 10 | 33 | 81,600 | 12 |
| 5813 | DRINKING PLACES (ALCOHOLIC BEV | 19 | 57 | 986,000,000 | 11.7 |
| 3433 | HEATING EQUIP, EXCEPT ELECTRIC | 1 | 8 | 120,000 | 11.6 |
| 2141 | TOBACCO STEMMING AND REDRYING | 2 | 3 | 49,900 | 11.3 |
| 3644 | NONCURRENT-CARRYING WIRING DEV | 2 | 10 | 70.1 | 11.2 |
| 3492 | FLUID POWER VALVES & HOSE FITT | 4 | 8 | 9,910 | 10.6 |
| 7021 | ROOMING AND BOARDING HOUSES | 10 | 19 | 56,200 | 10.6 |
| 9531 | ADMIN OF HOUSING PROGRAMS | 3 | 4 | 3,880 | 10.3 |
| 0273 | ANIMAL AQUACULTURE | 17 | 85 | 3,710,000 | 10.2 |
| 5983 | FUEL OIL DEALERS | 14 | 43 | 13,100 | 9.44 |
| 2295 | COATED FABRICS, NOT RUBBERIZED | 4 | 14 | 289,000 | 9.24 |
| 2653 | CORRUGATED/SOLID FIBER BOXES | 6 | 66 | 534,000 | 9.24 |
| 5146 | FISH AND SEAFOODS | 12 | 46 | 172,000 | 9.17 |
| 3545 | MACHINE TOOL ACCESSORIES | 4 | 11 | 782 | 8.6 |
| 2096 | POTATO CHIPS & SIMILAR SNACKS | 3 | 13 | 489,000 | 8.55 |
| 2066 | CHOCOLATE AND COCOA PRODUCTS | 3 | 20 | 147,000 | 8.3 |
| 3559 | SPECIAL INDUSTRY MACHINERY,NEC | 6 | 33 | 46,200 | 8.14 |
| 2084 | WINES, BRANDY & BRANDY SPIRIT | 6 | 11 | 157,000 | 8.05 |
| 2048MPP | PREP FEEDS & INGRED FOR ANIMA (MEAT AND POULTRY) | 1 | | 70,000 | 7.89 |
| 6021 | NATIONAL COMMERCIAL BANKS | 1 | 9 | 2,690 | 7.74 |
| 3639PE | HOUSEHOLD APPLIANCES, NEC (PORCELAIN ENAMELING) | 1 | | 6,360 | 7.43 |

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| SIC Code | SIC Description | Major Dischargers | Indirect Discharges | Total Pounds Released | TWPE |
|-----------|--|-------------------|---------------------|-----------------------|------|
| 3641 | ELECTRIC LAMPS | 4 | 7 | 18,400 | 6.93 |
| 2021 | CREAMERY BUTTER | 2 | 14 | 5,830,000 | 6.86 |
| 7371 | CUSTOM COMPUTER PROG SERVICES | 3 | 4 | 14,200 | 6.61 |
| 3262 | VIT CHINA TABLE & KTCHN ARTICL | 2 | 5 | 272,000 | 6.52 |
| 3577 | COMPUTER PERIPHERAL EQUIP,NEC | 1 | 4 | 287,000 | 6.45 |
| 5331 | VARIETY STORES | 4 | 10 | 1,190,000,000 | 6.4 |
| 7215 | COIN-OPERATED LAUNDRIES/DRYCLE | 14 | 110 | 76,000 | 6.39 |
| 3423 | HAND AND EDGE TOOLS, NEC | 4 | 21 | 1,640 | 6.06 |
| 9121 | LEGISLATIVE BODIES | 1 | 6 | 38,300 | 5.81 |
| 5052 | COAL & OTHER MINERALS & ORES | 21 | 49 | 25,500 | 5.78 |
| 7374 | DATA PROCESSING & PREPARATION | 2 | 2 | 526,000 | 5.63 |
| 4924 | NATURAL GAS DISTRIBUTION | 8 | 66 | 6,220 | 5.6 |
| 2599 | FURNITURE AND FIXTURES, NEC | 2 | 5 | 3,520 | 5.53 |
| 4212 | LOCAL TRUCKING WITHOUT STORAGE | 6 | 346 | 13,300 | 5.46 |
| 7549 | AUTO SERV, EXC REP & CARWASHES | 4 | 21 | 372,000,000 | 5.44 |
| 5075 | AIR HEAT & AIR-COND. EQUIP/SUP | 1 | 1 | 70.2 | 5.39 |
| 2899P | CHEMICALS & CHEM PREP, NEC (PESTICIDES) | 6 | | 21.9 | 5.33 |
| 3633 | HOUSEHOLD LAUNDRY EQUIPMENT | 1 | 1 | 6,250 | 5.16 |
| 5021 | FURNITURE | 1 | 4 | 22.2 | 5.15 |
| 9211 | COURTS | 3 | 9 | 280 | 5.13 |
| 2048GRAIN | PREP FEEDS & INGRED FOR ANIMA (GRAIN MILLS) | 2 | | 31,000 | 4.98 |
| 3645 | RESIDENTIAL LIGHTING FIXTURES | 1 | 5 | 74 | 4.82 |
| 3679 | ELECTRONIC COMPONENTS, NEC | 9 | 30 | 13,100 | 4.75 |
| 5012 | AUTOMOBILES AND OTHER VEHICLES | 3 | 24 | 8,440 | 4.52 |
| 3274 | LIME | 15 | 33 | 2,160,000 | 4.52 |
| 3842 | SURGICAL APPLIANCES & SUPPLIES | 3 | 19 | 123,000,000 | 4.43 |
| 3547 | ROLLING MILL MACHINERY | 1 | 8 | 198,000 | 4.21 |
| 3542 | MACHINE TOOLS, METAL FORMING | 2 | 13 | 6,500 | 4.16 |
| 4493 | MARINAS | 12 | 450 | 3,430 | 4.09 |
| 3546 | POWER DRIVEN HAND TOOLS | 3 | 9 | 15.8 | 4.07 |
| 3052 | RUBBER & PLASTICS HOSE & BELT | 7 | 16 | 136,000 | 3.89 |
| 6732 | EDUCAT.,RELIG & CHARITY TRUSTS | 6 | 8 | 131,000,000 | 3.88 |
| 3231 | GLASS PROD MADE OF PURCH. GLAS | 5 | 27 | 6,270 | 3.81 |
| 5092 | TOYS & HOBBY GOODS & SUPPLIES | 8 | 9 | 10,500,000 | 3.8 |
| 8322 | INDIVIDUAL AND FAMILY SERVICES | 8 | 22 | 61,500 | 3.8 |
| 5989 | FUEL DEALERS, NEC | 6 | 7 | 393,000 | 3.75 |
| 2431 | MILLWORK | 2 | 38 | 34,700 | 3.72 |
| 5082 | CONST & MINING MACHINE & EQUIP | 11 | 34 | 2,050,000,000 | 3.71 |
| 5431 | FRUIT AND VEGETABLE MARKETS | 1 | 1 | 2,140,000,000 | 3.64 |
| 3556 | FOOD PRODUCTS MACHINERY | 2 | 6 | 4,530 | 3.61 |
| 2098 | MACARONI, SPAGH, VERMI, NOODL | 2 | 6 | 8,780 | 3.59 |
| 2045 | BLENDED AND PREPARED FLOUR | 1 | 3 | 25,600 | 3.57 |
| 5088 | TRANS EQUIP & SUPP, EXC MOTOR | 1 | 11 | 23,100,000 | 3.57 |
| 5013 | MOTOR VEHICLE PARTS & NEW SUP | 4 | 25 | 221 | 3.53 |
| 4489 | WATER PASSENGER TRANSPORTATION | 1 | 6 | 3,500 | 3.52 |
| 2865P | CYCLIC CRUDES INTERM., DYES (PESTICIDES) | 18 | | 19.3 | 3.46 |
| 2051 | BREAD & OTHER BAKERY PRODUCTS | 3 | 35 | 445,000 | 3.44 |

Table C-4. SIC Code Rankings by TWPE *DMRLoads2008*

| SIC Code | SIC Description | Major Dischargers | Indirect Discharges | Total Pounds Released | TWPE |
|----------|---------------------------------|-------------------|---------------------|-----------------------|------|
| 3446 | ARCHITECTURAL METAL WORK | 1 | 20 | 2.02 | 3.4 |
| 2517 | WOOD TV, RADIO, PHONO CABINET | 1 | 4 | 7,780 | 3.39 |
| 3634 | ELECTRIC HOUSEWARES AND FANS | 2 | 10 | 16.2 | 3.36 |
| 3555 | PRINTING TRADES MACHINERY | 1 | 4 | 75.6 | 3.35 |
| 2657 | FOLDING PAPERBOARD BOXES | 1 | 10 | 38,800,000 | 3.17 |
| 5399 | MISCELLANEOUS GENERAL STORES | 5 | 21 | 1,420,000,000 | 3.17 |
| 5191 | FARM SUPPLIES | 12 | 47 | 72,200 | 3.1 |
| 7532 | TOP & BODY REPAIR & PAINT SHOP | 1 | 26 | 1.62 | 3.1 |
| 3823 | PROCESS CONTROL INSTRUMENTS | 1 | 16 | 3.25 | 2.87 |
| 3692 | PRIMARY BATTERIES, DRY & WET | 2 | 5 | 387 | 2.75 |
| 7911 | DANCE STUDIOS, SCHOOLS & HALLS | 2 | 6 | 8,960 | 2.75 |
| 5712 | FURNITURE STORES | 1 | 8 | 37,900,000 | 2.73 |
| 2711 | NEWSPAPERS: PUBLISHING & PRINT | 3 | 18 | 12,400,000 | 2.7 |
| 4923 | NAT GAS TRANSMISSION & DISTRIB | 3 | 23 | 201,000,000 | 2.7 |
| 1799 | SPECIAL TRADE CONTRACTORS, NEC | 5 | 193 | 510,000,000 | 2.57 |
| 2752 | COMMERCIAL PRINT, LITHOGRAPHIC | 3 | 21 | 89,000 | 2.56 |
| 2451 | MOBILE HOMES | 8 | 49 | 8,980 | 2.42 |
| 3537 | INDUSTRIAL TRUCKS AND TRACTORS | 1 | 6 | 6.12 | 2.41 |
| 0919 | MISCELLANEOUS MARINE PRODUCTS | 12 | 16 | 5,520 | 2.41 |
| 4231 | TRUCKING TERMINAL FACILITIES | 21 | 158 | 19,100 | 2.34 |
| 2297 | NONWOVEN FABRICS | 1 | 14 | 52,000 | 2.16 |
| 8071 | MEDICAL LABORATORIES | 2 | 5 | 21,300 | 2.04 |
| 4013 | RAILROAD SWITCHING & TERM ESTAB | 9 | 57 | 47,600 | 2.01 |
| 2835 | DIAGNOSTIC SUBSTANCES | 1 | 9 | 0.494 | 2 |
| 8331 | JOB TRAINING & VOC REHAB SERVI | 7 | 12 | 59,400 | 1.97 |
| 2679 | CONV PAPER & PAPERBRD PRODUCTS | 3 | 19 | 542,000 | 1.94 |
| 3355 | ALUMINUM ROLLING & DRAWING NEC | 1 | 7 | 122,000 | 1.92 |
| 3993 | SIGNS AND ADVERTISING DISPLAYS | 1 | 11 | 17.7 | 1.86 |
| 9224 | FIRE PROTECTION | 3 | 36 | 417 | 1.83 |
| 4311 | UNITED STATES POSTAL SERVICE | 4 | 73 | 1,990,000,000 | 1.72 |
| 4953ALL | REFUSE SYSTEMS (ALL) | 3 | | 490 | 1.71 |
| 0254 | POULTRY HATCHERIES | 7 | 19 | 141,000,000 | 1.7 |
| 5211 | LUMBER & BUILD MATERIAL DEALER | 2 | 19 | 5,020 | 1.69 |
| 7219 | LAUNDRY & GARMENT SERVICES,NEC | 2 | 5 | 14,200 | 1.66 |
| 3621 | MOTORS AND GENERATORS | 7 | 35 | 352 | 1.65 |
| 5122 | DRUGS, DRUG PRPPRIE & SUNDRIES | 2 | 3 | 2,280 | 1.65 |
| 3552 | TEXTILE MACHINERY | 5 | 8 | 31.4 | 1.65 |
| 0742 | VET SERV FOR ANIMAL SPECIALTY | 4 | 17 | 1,080,000 | 1.63 |
| 3632 | HOUSEHOLD REFRIG. & FREEZERS | 3 | 4 | 22,300 | 1.56 |
| 3398 | METAL HEAT TREATING | 5 | 34 | 5.33 | 1.5 |
| 5142 | PACKAGED FROZEN FOODS | 1 | 5 | 68,100 | 1.48 |
| 8748 | BUSINESS CONSULTING, NEC | 1 | 4 | 3,810 | 1.48 |
| 8222 | JUNIOR COLLEGES & TECH INSTITU | 10 | 29 | 12,800 | 1.47 |
| 3292 | ASBESTOS PRODUCTS | 2 | 4 | 38,000 | 1.42 |
| 4783 | PACKING AND CRATING | 3 | 5 | 115,000 | 1.41 |
| 2052 | COOKIES AND CRACKERS | 2 | 10 | 13,700 | 1.39 |
| 4492 | TOWING AND TUGBOAT SERVICE | 9 | 25 | 8,480 | 1.37 |
| 3663 | RADIO & TV COMMUNICATION EQUIP | 4 | 15 | 380 | 1.29 |
| 2522 | METAL OFFICE FURNITURE | 2 | 17 | 0.307 | 1.29 |
| 5063 | ELECTRICAL APPARATUS AND EQUIP | 1 | 5 | 11.4 | 1.21 |

Table C-4. SIC Code Rankings by TWPE *DMRLoads2008*

| SIC Code | SIC Description | Major Dischargers | Indirect Discharges | Total Pounds Released | TWPE |
|----------|--------------------------------|-------------------|---------------------|-----------------------|-------|
| 4513 | AIR COURIER SERVICES | 3 | 67 | 8,320,000 | 1.2 |
| 2024 | ICE CREAM AND FROZEN DESSERTS | 10 | 27 | 319,000 | 1.15 |
| 2282 | YARN TEXT, THROW, TWIST & WIND | 2 | 3 | 10,100 | 1.15 |
| 3086 | PLASTICS FOAM PRODUCTS | 4 | 39 | 990,000,000 | 1.13 |
| 7521 | AUTOMOBILE PARKING | 2 | 12 | 119 | 1.13 |
| 3629 | ELECTRICAL INDUSTRIAL APPARATS | 4 | 11 | 23.4 | 1.13 |
| 3564 | BLOWER AND FANS | 5 | 16 | 5.86 | 1.11 |
| 5143 | DAIRY PROD, EXC DRIED & CANNED | 2 | 10 | 14,700 | 0.995 |
| 3648 | LIGHTING EQUIPMENT, NEC | 3 | 2 | 7,410,000 | 0.918 |
| 0741 | VET SERVICES FOR LIVESTOCK | 1 | 1 | 501 | 0.914 |
| 5521 | MOTOR VEH. DEALERS (USED ONLY) | 2 | 22 | 497 | 0.832 |
| 8231 | LIBRARIES | 3 | 9 | 1,310 | 0.827 |
| 8699 | MEMBERSHIP ORGANIZATIONS, NEC | 3 | 12 | 802 | 0.826 |
| 3563 | AIR AND GAS COMPRESSORS | 3 | 10 | 86,000 | 0.784 |
| 5084 | INDUSTRIAL MACHINERY AND EQUIP | 3 | 8 | 51,300 | 0.756 |
| 3694 | ELEC EQUIP FOR INT COMBUS ENGI | 3 | 10 | 4,170 | 0.692 |
| 3548 | WELDING APPARATUS | 2 | 4 | 90,700 | 0.658 |
| 3996 | HARD SURFACE FLOOR COVERINGS | 3 | 7 | 5,970,000 | 0.645 |
| 5947 | GIFT, NOVELTY & SOUVENIR SHOPS | 2 | 5 | 1,620,000 | 0.641 |
| 8711 | ENGINEERING SERVICES | 4 | 24 | 18,500 | 0.578 |
| 2038 | FROZEN SPECIALTIES, NEC | 4 | 20 | 372,000 | 0.575 |
| 7948 | RACING, INCLUDING TRACK OPERA | 5 | 21 | 163,000 | 0.569 |
| 5192 | BOOKS, PERIODICALS & NEWSPAPER | 1 | 3 | 6,050 | 0.525 |
| 2731 | BOOKS: PUBLISHING & PRINTING | 1 | 2 | 1.03 | 0.514 |
| 5153 | GRAIN AND FIELD BEANS | 2 | 15 | 1.52 | 0.473 |
| 9221 | POLICE PROTECTION | 2 | 8 | 1,090 | 0.452 |
| 0913 | SHELLFISH | 6 | 13 | 94,700 | 0.407 |
| 2086 | BOT & CAN SOFT DRNK & CARB WA | 15 | 65 | 1,860,000 | 0.402 |
| 3421 | CUTLERY | 2 | 7 | 56,800 | 0.401 |
| 5051 | METAL SERVICE CENTERS & OFFICE | 2 | 21 | 777,000 | 0.401 |
| 3324 | STEEL INVESTMENT FOUNDRIES | 1 | 9 | 403 | 0.377 |
| 3261 | VITREOUS CHINA PLUMBING FIXTUR | 3 | 15 | 716,000,000 | 0.366 |
| 3442 | METAL DOORS, SASH, AND TRIM | 1 | 21 | 0.69 | 0.358 |
| 2426 | HARDWOOD DIMEN & FLOORING MILL | 3 | 36 | 188 | 0.353 |
| 2875 | FERTILIZERS, MIXING ONLY | 12 | 54 | 701,000 | 0.344 |
| 7218 | INDUSTRIAL LAUNDERERS | 3 | 9 | 81,400 | 0.321 |
| 2296 | TIRE CORD AND FABRIC | 2 | 5 | 1,370 | 0.32 |
| 0211 | BEEF CATTLE FEEDLOTS | 3 | 1252 | 40,200 | 0.268 |
| 3999 | MANUFACTURING INDUSTRIES, NEC | 8 | 83 | 200,000,000 | 0.221 |
| 0752 | ANIMAL SPECIAL SERV EXCEPT VET | 1 | 11 | 183 | 0.203 |
| 2531 | PUBLIC BUILDING/RELATED FURNIT | 1 | 9 | 1.36 | 0.2 |
| 5942 | BOOK STORES | 3 | 3 | 764 | 0.196 |
| 3532 | MINING MACHINERY | 2 | 25 | 2,340 | 0.186 |
| 3541 | MACHINE TOOLS, METAL CUTTING | 3 | 19 | 327 | 0.151 |
| 5551 | BOAT DEALERS | 2 | 10 | 58,700 | 0.14 |
| 3594 | FLUID POWER PUMPS AND MOTORS | 1 | 1 | 0.268 | 0.134 |
| 1623 | H2O, SEW, PIPE & COM. & POWR | 4 | 413 | 658,000 | 0.132 |
| 3496 | MISC. FABRICATED WIRE PRODUCTS | 6 | 31 | 1,900 | 0.131 |
| 8099 | HEALTH & ALLIED SERVICES, NEC | 3 | 12 | 666 | 0.124 |
| 2034 | DEHYDRATED FRUITS, VEG, SOUPS | 2 | 8 | 30,900 | 0.118 |

Table C-4. SIC Code Rankings by TWPE *DMRLoads2008*

| SIC Code | SIC Description | Major Dischargers | Indirect Discharges | Total Pounds Released | TWPE |
|----------|--------------------------------|-------------------|---------------------|-----------------------|-----------|
| 5149 | GROCERIES & RELATED PRODUCTS | 4 | 18 | 67,000 | 0.117 |
| 0272 | HORSES AND OTHER EQUINES | 1 | 12 | 219 | 0.117 |
| 9222 | LEGAL COUNSEL & PROSECUTION | 1 | 1 | 4,640 | 0.109 |
| 3431 | METAL SANITARY WARE | 1 | 2 | 0.775 | 0.108 |
| 4215 | COURIER SERVICES, EXCEPT AIR | 4 | 171 | 1,310 | 0.107 |
| 6519 | LESSORS OF REAL PROPERTY, NEC | 1 | 13 | 1,830 | 0.0832 |
| 6022 | STATE COMMERCIAL BANKS | 2 | 11 | 397 | 0.0738 |
| 1522 | GEN CONTRACT-RES, NOT SINFA | 4 | 370 | 257 | 0.0691 |
| 7384 | PHOTOFINISHING LABORATORIES | 4 | 6 | 159,000 | 0.0655 |
| 3553 | WOODWORKING MACHINERY | 1 | 8 | 0.111 | 0.0528 |
| 2452 | PREFAB WOOD BLDGS & COMPONENTS | 1 | 11 | 28.7 | 0.0501 |
| 3565 | PACKAGING MACHINERY | 3 | 12 | 4,560 | 0.0489 |
| 1781 | WATER WELL DRILLING | 1 | 16 | 1.71 | 0.034 |
| 0912 | FINFISH | 4 | 6 | 57,700 | 0.034 |
| 7513 | TRUCK RENT & LEASE, NO DRIVERS | 1 | 7 | 415 | 0.0312 |
| 4813 | TELEPHONE COM, EXCEPT RADIO | 2 | 18 | 114 | 0.0309 |
| 1521 | CONTRACTORS-SINGLE FAMILY HOUS | 8 | 1477 | 72,700 | 0.0231 |
| 1611 | HWY & ST CONST., EXC. ELEV HWY | 6 | 1648 | 9,430 | 0.0227 |
| 6141 | PERSONAL CREDIT INSTITUTIONS | 1 | 3 | 3,540 | 0.022 |
| 2392 | HOUSEFURNISHINGS, EXC CURTAINS | 1 | 3 | 120,000 | 0.0207 |
| 8011 | OFFICES & CLINICS OF MED DOCT | 4 | 24 | 1,520 | 0.0205 |
| 3083 | LAMINATED PLASTICS PLATE/SHEET | 2 | 8 | 16,100 | 0.015 |
| 3534 | ELEVATORS AND MOVING STAIRWAYS | 1 | 3 | 3.63 | 0.00891 |
| 8092 | KIDNEY DIALYSIS CENTERS | 2 | 4 | 630 | 0.00888 |
| 5932 | USED MERCHANDISE STORES | 3 | 9 | 553 | 0.00845 |
| 3412 | METAL BARRELS, DRUMS AND PAILS | 2 | 12 | 63.8 | 0.00844 |
| 5182 | WINE & DIST ALCOHOLIC BEVERAGE | 1 | 1 | 38 | 0.0079 |
| 0724 | COTTON GINNING | 2 | 3 | 2,470 | 0.00654 |
| 3535 | CONVEYORS & CONVEYING EQUIPMEN | 1 | 22 | 0.00648 | 0.00586 |
| 5531 | AUTO AND HOME SUPPLY STORES | 2 | 44 | 1,050 | 0.00558 |
| 2512 | WOOD HOUSEHOLD FURN, UPHOLSTER | 1 | 6 | 446 | 0.00535 |
| 5074 | PLUMB & HEAT EQUIP & SUPPLIES | 1 | 5 | 1,550 | 0.00501 |
| 2435 | HARDWOOD VENEER AND PLYWOOD | 5 | 34 | 129,000 | 0.0032 |
| 5271 | MOBILE HOME DEALERS | 1 | 10 | 51.2 | 0.0023 |
| 5461 | RETAIL BAKERIES | 1 | 4 | 857 | 0.00224 |
| 3263 | FINE EARTHENWARE | 1 | 2 | 641 | 0.00197 |
| 2041 | FLOUR & OTHER GRAIN MILL PROD | 3 | 28 | 101,000,000 | 0.00181 |
| 4971 | IRRIGATION SYSTEMS | 5 | 35 | 40,500 | 0.00124 |
| 0175 | DECIDUOUS TREE FRUITS | 1 | 1 | 65.3 | 0.00107 |
| 3053 | GASKETS, PACKING & SEALING DEV | 3 | 14 | 50.5 | 0.000963 |
| 3221 | GLASS CONTAINERS | 18 | 42 | 301,000 | 0.000227 |
| 1771 | CONCRETE WORK | 4 | 21 | 0.0164 | 0.0000884 |
| 8399 | SOCIAL SERVICES, NEC | 2 | 4 | 96.4 | 0.0000115 |
| 0219 | GENERAL LIVESTOCK, NEC | 1 | 28 | 0 | 0 |
| 0279 | ANIMAL SPECIALTIES, NEC | 1 | 18 | 0 | 0 |
| 4214 | LOCAL TRUCKING WITH STORAGE | 1 | 99 | 0 | 0 |
| 8651 | POLITICAL ORGANIZATIONS | 1 | 1 | 0 | 0 |
| 9611 | ADMIN OF GENERAL ECONOMIC PRO | 1 | 2 | 0 | 0 |
| 3821 | LAB APPARATUS & FURNITURE | 1 | 1 | 0 | 0 |
| 3825 | INSTRUMENTS TO MEASURE ELECTRI | 1 | 8 | 0 | 0 |

Table C-4. SIC Code Rankings by TWPE DMRLoads2008

| SIC Code | SIC Description | Major Dischargers | Indirect Discharges | Total Pounds Released | TWPE |
|----------|--|-------------------|---------------------|-----------------------|------|
| 3826 | ANALYTICAL INSTRUMENTS | 2 | 4 | 0 | 0 |
| 0723 | CROP PREP SERVICES FOR MARKET | 2 | 29 | 70.1 | 0 |
| 0241 | DAIRY FARMS | 5 | 1715 | 0 | 0 |
| 0213 | HOGS | 2 | 683 | 0 | 0 |
| 3827 | OPTICAL INSTRUMENTS AND LENSES | 1 | 8 | 0.289 | 0 |
| 3951 | PENS & MECHANICAL PENCILS | 1 | 5 | 0 | 0 |
| 1531 | OPERATIVE BUILDERS | 1 | 99 | 31.6 | 0 |
| 0174 | CITRUS FRUITS | 1 | | 0 | 0 |
| 4932 | GAS & OTHER SERVICES COMBINED | 5 | 26 | 0 | 0 |
| 0133 | SUGARCANE AND SUGAR BEETS | 1 | 6 | 23,600,000 | 0 |
| 0251 | BROIL, FRY AND ROAST CHICKENS | 3 | 96 | 0 | 0 |
| 8741 | MANAGEMENT SERVICES | 1 | 666 | 0 | 0 |
| 3643 | CURRENT-CARRYING WIRING DEVICE | 1 | 10 | 0 | 0 |
| 3652 | PHONOGRAPH RECORDS | 1 | 3 | 0 | 0 |
| 3672 | PRINTED CIRCUIT BOARD | 1 | 13 | 1,720 | 0 |
| 0971 | HUNT & TRAP & GAME PROPOGATION | 1 | 6 | 151,000 | 0 |
| 3676 | RESISTORS FOR ELEC APPLICATION | 2 | 6 | 51.6 | 0 |
| 4731 | FREIGHT TRANSP ARRANGEMENT | 1 | 10 | 0 | 0 |
| 9131 | EXEC & LEGIS OFFICES COMBINED | 1 | 2 | 0 | 0 |
| 3677 | ELEC COILS, TRANSF. & INDUCTOR | 2 | 6 | 211,000 | 0 |
| 4741 | RENTAL OF RAILROAD CARS | 2 | 4 | 19,800 | 0 |
| 4221 | FARM PROD WAREHOUSING & STORAG | 3 | 16 | 0 | 0 |
| 3567 | INDUSTRIAL FURNACES AND OVENS | 3 | 17 | 50.2 | 0 |
| 4619 | PIPELINES, NEC | 4 | 75 | 2,200 | 0 |
| 3695 | MAG & OPTICAL RECORDING MEDIA | 1 | 2 | 0 | 0 |
| 1411 | DIMENSION STONE | 15 | 48 | 248,000 | 0 |
| 0851 | FORESTRY SERVICES | 1 | 5 | 431 | 0 |
| 0782 | LAWN AND GARDEN SERVICES | 1 | 4 | 0 | 0 |
| 3554 | PAPER INDUSTRIES MACHINERY | 2 | 10 | 0 | 0 |
| 1423 | CRUSHED AND BROKEN GRANITE | 49 | 91 | 489,000 | 0 |
| 4482 | FERRIES | 2 | 3 | 60,700 | 0 |
| 4412 | DEEP SEA FOREIGN TRANSP OF FRE | 2 | 4 | 318,000 | 0 |
| 3631 | HOUSEHOLD COOKING EQUIPMENT | 1 | 3 | 0 | 0 |
| 3549 | METALWORKING MACHINERY, NEC | 1 | 5 | 0 | 0 |
| 3579 | OFFICE MACHINES | 1 | 6 | 0 | 0 |
| 2759 | COMMERCIAL PRINTING, NEC | 2 | 13 | 0 | 0 |
| 1622 | BRIDGE, TUNNEL & ELEV HWY CONS | 5 | 223 | 0 | 0 |
| 5912 | DRUG STORES & PROPRIETARY STOR | 1 | 6 | 0 | 0 |
| 2097 | MANUFACTURED ICE | 2 | 13 | 0 | 0 |
| 7822 | MOTION PICTURE & TAPE DISTRIB | 1 | 1 | 0 | 0 |
| 2111 | CIGARETTES | 1 | 1 | 0 | 0 |
| 2844P | PERFUMES,COSMETICS,TOILET PREP (PESTICIDES) | 1 | | 0 | 0 |
| 5963 | DIRECT SELLING ESTABLISHMENTS | 1 | 1 | 0 | 0 |
| 2824P | SYN ORG FIBERS,EXCEPT CELLULOS (PESTICIDES) | 9 | | 0 | 0 |
| 7692 | WELDING REPAIR | 1 | 8 | 0 | 0 |
| 2241 | NARROW FAB & OTHER SMALLWARES | 1 | 10 | 0 | 0 |
| 2823P | CELLULOSIC MAN-MADE FIBERS (PESTICIDES) | 2 | | 0 | 0 |

Table C-4. SIC Code Rankings by TWPE DMRLoads2008

| SIC Code | SIC Description | Major Dischargers | Indirect Discharges | Total Pounds Released | TWPE |
|----------|--------------------------------|-------------------|---------------------|-----------------------|------|
| 5984 | LIQ PETROL GAS (BOT GAS) DEALR | 2 | 7 | 0 | 0 |
| 7539 | AUTOMOTIVE REPAIR SHOPS, NEC | 4 | 59 | 26.7 | 0 |
| 2087 | FLAV EXTR & FLAV SYRUPS, NEC | 6 | 17 | 19,600 | 0 |
| 2329 | MEN'S, YOUTH'S & BOY'S CLOTHNG | 1 | 2 | 0 | 0 |
| 7353 | HEAVY CONSTRUCTON EQUIP RENTAL | 1 | 27 | 2,050 | 0 |
| 7231 | BEAUTY SHOPS | 1 | 12 | 0 | 0 |
| 2429 | SPECIAL PRODUCT SAWMILLS NEC | 1 | 10 | 3,340 | 0 |
| 2631-3 | PAPERBOARD MILLS- Phase III | 1 | 1 | 45,800 | 0 |
| 2655 | FIBER CANS, TUBES,DRUMS & PROD | 2 | 6 | 0 | 0 |
| 7534 | TIRE RETREADING & REPAIR SHOPS | 1 | 6 | 459 | 0 |
| 2656 | SANITARY FOOD CONTAINERS | 4 | 8 | 5,510 | 0 |
| 6162 | MORTG BANKERS & LOAN CORRESPON | 1 | 2 | 0 | 0 |
| 2672 | COATED & LAMINATED, NEC | 1 | 16 | 0 | 0 |
| 2675 | DIE-CUT PAPER,PAPERBRD/CARDBRD | 1 | 3 | 0 | 0 |
| 2678 | STATIONERY, TABLETS & REL PROD | 1 | 2 | 0 | 0 |
| 2732 | BOOK PRINTING | 2 | 5 | 37.1 | 0 |
| 2284 | THREAD MILLS | 2 | 4 | 0 | 0 |
| 7941 | PROF SPORTS CLUBS & PROMOTERS | 3 | 7 | 4,700,000 | 0 |
| 7382 | SECURITY SYSTEMS SERVICES | 1 | 1 | 0 | 0 |
| 5162 | PLASTIC MATER & BASIC SHAPES | 1 | 2 | 0 | 0 |
| 5031 | LUMBER,PLYWOOD,MILLWORK,& PANL | 2 | 11 | 18.7 | 0 |
| 3432 | PLUMB FIXTURE FITTINGS & TRIM | 1 | 11 | 0 | 0 |
| 1752 | FLOOR LAY & OTHER FLOOR WORK | 1 | 1 | 0 | 0 |
| 1794 | EXCAVATION WORK | 10 | 227 | 11,900 | 0 |
| 1795 | WRECKING AND DEMOLTION WORK | 2 | 8 | 0 | 0 |
| 5941 | SPORTING GOODS/BICYCLE STORES | 1 | 1 | 20.8 | 0 |
| 5032 | BRICK, STONE & RELAT MATERIALS | 8 | 49 | 1,210 | 0 |
| 5085 | INDUSTRIAL SUPPLIES | 2 | 10 | 268,000 | 0 |
| 5099 | DURABLE GOODS, NEC | 1 | 17 | 0 | 0 |
| 5141 | GROCERIES, GENERAL LINE | 3 | 8 | 0 | 0 |
| 5144 | POULTRY AND POULTRY PRODUCTS | 1 | 23 | 0 | 0 |
| 2095 | ROASTED COFFEE | 1 | 3 | 0 | 0 |
| 3281 | CUT STONE & STONE PRODUCTS | 23 | 72 | 728,000 | 0 |
| 5599 | AUTOMOTIVE DEALERS, NEC | 2 | 40 | 3.34 | 0 |
| 3084 | PLASTIC PIPE | 6 | 24 | 3,430 | 0 |
| 5511 | MOTOR VEH. DEALERS (NEW/USED) | 4 | 101 | 0 | 0 |
| 5441 | CANDY, NUT & CONFECTION STORES | 1 | 2 | 26.2 | 0 |
| 3082 | UNSUPPORTED PLASTICS PROF SHAP | 1 | 8 | 5.16 | 0 |
| 5154 | LIVESTOCK | 1 | 37 | 0 | 0 |
| 2064 | CANDY & OTHER CONFECTION PROD | 2 | 14 | 0 | 0 |
| 2044 | RICE MILLING | 2 | 11 | 0.499 | 0 |
| 7993 | COIN OPERATED AMUSEMENT DEVI | 1 | 4 | 0 | 0 |
| 2061 | CANE SUGAR, EXCEPT REFINE ONLY | 4 | 25 | 1,620,000 | 0 |
| 2053 | FROZEN BAKERY PRODUCTS | 1 | 7 | 0 | 0 |
| 3085 | PLASTIC BOTTLES | 2 | 32 | 653 | 0 |
| 8021 | OUTPATIENT CARE FACILITIES | 2 | 9 | 0 | 0 |
| 3269 | POTTERY PRODUCTS, NEC | 1 | 11 | 0 | 0 |

Table C-5. Chemical Rankings by TWPE TRIR releases2008

| CAS Number | Chemical Name | Direct Dischargers | Indirect Dischargers | Both Direct and Indirect Dischargers | Total Pounds Released Before POTW Removals | Total Pounds Released | TWPE (lb-eq/yr) |
|------------|-----------------------------------|--------------------|----------------------|--------------------------------------|--|-----------------------|-----------------|
| N020 | ARSENIC AND ARSENIC COMPOUNDS | 36120 | 3189 | 2090 | 72,400,000 | 72,400,000 | 292,000,000 |
| N100 | COPPER AND COPPER COMPOUNDS | 81156 | 54282 | 13106 | 149,000,000 | 143,000,000 | 90,600,000 |
| N420 | LEAD AND LEAD COMPOUNDS | 111595 | 63273 | 15520 | 36,400,000 | 34,500,000 | 77,200,000 |
| N150 | DIOXIN AND DIOXIN-LIKE COMPOUNDS | 4740 | 1105 | 633 | 134 | 126 | 67,600,000 |
| N458 | MERCURY AND MERCURY COMPOUNDS | 57275 | 6021 | 3960 | 397,000 | 391,000 | 45,800,000 |
| N450 | MANGANESE AND MANGANESE COMPOUNDS | 80255 | 19957 | 8278 | 624,000,000 | 620,000,000 | 43,600,000 |
| N511 | NITRATE COMPOUNDS | 31490 | 78214 | 6966 | 27,100,000,000 | 16,000,000,000 | 11,900,000 |
| N725 | SELENIUM AND SELENIUM COMPOUNDS | 12033 | 967 | 656 | 10,600,000 | 10,600,000 | 11,900,000 |
| 118741 | HEXACHLOROBENZENE | 692 | 134 | 77 | 6,840 | 5,390 | 10,500,000 |
| N590 | POLYCYCLIC AROMATIC COMPOUNDS | 13479 | 2482 | 1644 | 372,000 | 245,000 | 10,400,000 |
| N770 | VANADIUM AND VANADIUM COMPOUNDS | 40023 | 3617 | 2321 | 280,000,000 | 280,000,000 | 9,790,000 |
| N982 | ZINC AND ZINC COMPOUNDS | 89268 | 61345 | 12041 | 208,000,000 | 182,000,000 | 8,530,000 |
| N495 | NICKEL AND NICKEL COMPOUNDS | 73179 | 57881 | 10213 | 72,700,000 | 62,200,000 | 6,770,000 |
| N096 | COBALT AND COBALT COMPOUNDS | 17191 | 4912 | 2212 | 58,900,000 | 58,800,000 | 6,720,000 |
| N090 | CHROMIUM AND CHROMIUM COMPOUNDS | 62744 | 39607 | 8715 | 50,700,000 | 46,700,000 | 3,540,000 |
| 75150 | CARBON DISULFIDE | 1089 | 1022 | 251 | 2,050,000 | 1,070,000 | 3,010,000 |
| 7782505 | CHLORINE | 3957 | 2418 | 594 | 4,880,000 | 4,550,000 | 2,310,000 |
| 107131 | ACRYLONITRILE | 1632 | 2425 | 512 | 16,900,000 | 872,000 | 1,990,000 |
| 123319 | HYDROQUINONE | 384 | 714 | 108 | 9,400,000 | 1,540,000 | 1,960,000 |
| 25376458 | DIAMINOTOLUENE (MIXED ISOMERS) | 322 | 519 | 69 | 26,800,000 | 5,000,000 | 1,700,000 |
| N078 | CADMIUM AND CADMIUM COMPOUNDS | 1065 | 2821 | 388 | 89,000 | 48,200 | 1,110,000 |
| N040 | BARIUM AND BARIUM COMPOUNDS | 88365 | 8834 | 4957 | 529,000,000 | 526,000,000 | 1,050,000 |
| N760 | THALLIUM AND THALLIUM COMPOUNDS | 3946 | 264 | 182 | 796,000 | 796,000 | 818,000 |
| 7664417 | AMMONIA | 66685 | 32050 | 8382 | 747,000,000 | 573,000,000 | 636,000 |
| 82657043 | BIFENTHRIN | 40 | 28 | 6 | 555 | 185 | 472,000 |
| N740 | SILVER AND SILVER COMPOUNDS | 307 | 1152 | 182 | 67,400 | 28,300 | 467,000 |
| 107186 | ALLYL ALCOHOL | 533 | 826 | 139 | 42,200,000 | 5,310,000 | 451,000 |
| 128030 | POTASSIUM DIMETHYLDITHIOCARBAMATE | 39 | 14 | 2 | 1,610,000 | 376,000 | 351,000 |
| 107211 | ETHYLENE GLYCOL | 6995 | 13185 | 1872 | 2,340,000,000 | 255,000,000 | 341,000 |
| 106990 | 1,3-BUTADIENE | 691 | 418 | 134 | 72,900 | 69,700 | 336,000 |
| 74908 | HYDROGEN CYANIDE | 467 | 229 | 75 | 361,000 | 272,000 | 293,000 |
| 95534 | O-TOLUIDINE | 249 | 393 | 52 | 14,400,000 | 1,010,000 | 256,000 |
| 108952 | PHENOL | 12054 | 7055 | 2433 | 95,900,000 | 8,430,000 | 236,000 |
| 117817 | DI(2-ETHYLHEXYL) PHTHALATE | 605 | 1218 | 365 | 1,000,000 | 787,000 | 201,000 |

Table C-5. Chemical Rankings by TWPE TRIR releases2008

| CAS Number | Chemical Name | Direct Dischargers | Indirect Dischargers | Both Direct and Indirect Dischargers | Total Pounds Released Before POTW Removals | Total Pounds Released | TWPE (lb-eq/yr) |
|------------|-----------------------------------|--------------------|----------------------|--------------------------------------|--|-----------------------|-----------------|
| 1336363 | POLYCHLORINATED BIPHENYLS | 84 | 40 | 18 | 5.09 | 5.09 | 173,000 |
| 8001589 | CREOSOTE | 1687 | 217 | 372 | 414,000 | 414,000 | 171,000 |
| 10049044 | CHLORINE DIOXIDE | 40 | 17 | 3 | 999,000 | 981,000 | 157,000 |
| 79061 | ACRYLAMIDE | 872 | 1341 | 287 | 3,580,000 | 298,000 | 155,000 |
| 50000 | FORMALDEHYDE | 6327 | 8005 | 1430 | 544,000,000 | 54,100,000 | 126,000 |
| 333415 | DIAZINON | 20 | 14 | 3 | 185 | 185 | 115,000 |
| 63252 | CARBARYL | 51 | 31 | 7 | 373 | 373 | 104,000 |
| N1000 | Sodium Nitrite (as N) | 1582 | 3191 | 603 | 41,600,000 | 29,000,000 | 92,800 |
| 91225 | QUINOLINE | 110 | 29 | 17 | 6,200 | 6,160 | 82,300 |
| 142596 | NABAM | 6 | 0 | 1 | 265,000 | 265,000 | 76,000 |
| 120127 | ANTHRACENE | 638 | 258 | 123 | 120,000 | 29,500 | 75,100 |
| 100447 | BENZYL CHLORIDE | 163 | 336 | 43 | 242,000 | 88,700 | 70,600 |
| 25321146 | DINITROTOLUENE (MIXED ISOMERS) | 73 | 126 | 17 | 4,250,000 | 1,610,000 | 69,500 |
| 107028 | ACROLEIN | 228 | 391 | 60 | 294,000 | 67,100 | 65,800 |
| N050 | BERYLLIUM AND BERYLLIUM COMPOUNDS | 3629 | 259 | 177 | 57,300 | 57,300 | 60,600 |
| 71432 | BENZENE | 20794 | 5900 | 2486 | 12,800,000 | 1,760,000 | 55,600 |
| 75070 | ACETALDEHYDE | 4532 | 2801 | 622 | 125,000,000 | 24,600,000 | 54,200 |
| 87865 | PENTACHLOROPHENOL | 764 | 99 | 168 | 100,000 | 92,300 | 51,500 |
| 128041 | SODIUM DIMETHYLDITHIOCARBAMATE | 81 | 420 | 77 | 1,560,000 | 568,000 | 47,500 |
| 106898 | EPICHLOROHYDRIN | 569 | 863 | 195 | 12,500,000 | 6,800,000 | 47,200 |
| N106 | CYANIDE COMPOUNDS | 3314 | 16715 | 766 | 14,500,000 | 7,770,000 | 42,000 |
| 96184 | 1,2,3-TRICHLOROPROPANE | 32 | 5 | 4 | 7,670 | 7,670 | 40,400 |
| 75218 | ETHYLENE OXIDE | 871 | 1489 | 214 | 3,880,000 | 651,000 | 33,000 |
| 111422 | DIETHANOLAMINE | 2353 | 2921 | 454 | 197,000,000 | 18,500,000 | 32,300 |
| 88857 | DINITROBUTYL PHENOL | 9 | 10 | 0 | 16,500 | 9,370 | 30,300 |
| 110543 | N-HEXANE | 12279 | 5131 | 1591 | 3,850,000 | 734,000 | 25,900 |
| 108883 | TOLUENE | 24974 | 12516 | 3534 | 41,100,000 | 4,590,000 | 25,800 |
| 140885 | ETHYL ACRYLATE | 816 | 1197 | 262 | 6,270,000 | 479,000 | 24,800 |
| N010 | ANTIMONY AND ANTIMONY COMPOUNDS | 4161 | 3262 | 1327 | 2,760,000 | 1,980,000 | 24,200 |
| 7697372 | NITRIC ACID | 2074 | 15475 | 540 | 301,000,000 | 30,100,000 | 22,500 |
| 108054 | VINYL ACETATE | 2028 | 2893 | 621 | 22,600,000 | 5,240,000 | 21,000 |
| 110827 | CYCLOHEXANE | 6713 | 2639 | 953 | 4,370,000 | 2,170,000 | 19,500 |
| 95636 | 1,2,4-TRIMETHYLBENZENE | 12998 | 3780 | 1447 | 4,040,000 | 693,000 | 19,100 |
| 75354 | VINYLDENE CHLORIDE | 212 | 211 | 46 | 37,800 | 37,500 | 17,700 |
| 127184 | TETRACHLOROETHYLENE | 2028 | 1285 | 345 | 175,000 | 72,700 | 17,000 |
| 62533 | ANILINE | 710 | 1001 | 140 | 25,600,000 | 2,460,000 | 16,900 |

Table C-5. Chemical Rankings by TWPE TRIR releases2008

| CAS Number | Chemical Name | Direct Dischargers | Indirect Dischargers | Both Direct and Indirect Dischargers | Total Pounds Released Before POTW Removals | Total Pounds Released | TWPE (lb-eq/yr) |
|------------|------------------------|--------------------|----------------------|--------------------------------------|--|-----------------------|-----------------|
| 64186 | FORMIC ACID | 2740 | 1617 | 312 | 55,700,000 | 41,600,000 | 15,400 |
| 85018 | PHENANTHRENE | 1203 | 493 | 219 | 144,000 | 51,500 | 15,200 |
| 123911 | 1,4-DIOXANE | 911 | 1292 | 269 | 40,800,000 | 24,300,000 | 15,100 |
| 106934 | 1,2-DIBROMOETHANE | 92 | 21 | 13 | 126 | 126 | 15,000 |
| 1897456 | CHLOROTHALONIL | 60 | 42 | 9 | 2,000 | 1,850 | 13,700 |
| 55630 | NITROGLYCERIN | 43 | 53 | 9 | 291,000 | 291,000 | 11,800 |
| 137268 | THIRAM | 77 | 259 | 172 | 23,400 | 18,900 | 10,700 |
| 1330207 | XYLENE (MIXED ISOMERS) | 22698 | 10004 | 3039 | 23,300,000 | 2,400,000 | 10,400 |
| 121755 | MALATHION | 20 | 14 | 3 | 185 | 185 | 10,400 |
| 120809 | CATECHOL | 2650 | 505 | 88 | 945,000 | 624,000 | 9,990 |
| 75569 | PROPYLENE OXIDE | 511 | 856 | 136 | 4,980,000 | 440,000 | 9,350 |
| 309002 | ALDRIN | 4 | 0 | 0 | 0.8 | 0.8 | 8,910 |
| 141322 | BUTYL ACRYLATE | 1302 | 1986 | 443 | 10,300,000 | 723,000 | 8,800 |
| 91203 | NAPHTHALENE | 14907 | 4113 | 1806 | 1,900,000 | 546,000 | 8,670 |
| 106445 | P-CRESOL | 305 | 315 | 80 | 4,180,000 | 1,210,000 | 8,570 |
| 1319773 | CRESOL (MIXED ISOMERS) | 3034 | 1024 | 385 | 15,500,000 | 1,650,000 | 8,090 |
| 107197 | PROPARGYL ALCOHOL | 86 | 170 | 20 | 2,390,000 | 190,000 | 7,390 |
| 67561 | METHANOL | 17523 | 21636 | 3817 | 4,680,000,000 | 480,000,000 | 7,000 |
| 62737 | DICHLORVOS | 0 | 1 | 0 | 5 | 1.24 | 6,930 |
| 76448 | HEPTACHLOR | 4 | 0 | 0 | 0.8 | 0.8 | 6,820 |
| 123728 | BUTYRALDEHYDE | 375 | 533 | 113 | 17,100,000 | 1,560,000 | 6,500 |
| 56235 | CARBON TETRACHLORIDE | 351 | 243 | 58 | 24,500 | 18,400 | 6,300 |
| 10028156 | OZONE | 7 | 45 | 1 | 13,300 | 13,300 | 5,960 |
| 80159 | CUMENE HYDROPEROXIDE | 216 | 336 | 59 | 3,710,000 | 883,000 | 5,830 |
| 92524 | BIPHENYL | 714 | 525 | 151 | 2,170,000 | 155,000 | 5,660 |
| 88062 | 2,4,6-TRICHLOROPHENOL | 73 | 126 | 17 | 11,000 | 11,000 | 5,480 |
| 78875 | 1,2-DICHLOROPROPANE | 153 | 186 | 43 | 131,000 | 131,000 | 5,150 |
| 608935 | PENTACHLOROBENZENE | 106 | 37 | 20 | 1,320 | 1,320 | 4,970 |
| 100425 | STYRENE | 4330 | 4545 | 1199 | 2,520,000 | 277,000 | 3,880 |
| 1912249 | ATRAZINE | 100 | 70 | 15 | 3,810 | 3,700 | 3,850 |
| N230 | CERTAIN GLYCOL ETHERS | 3757 | 11596 | 1340 | 348,000,000 | 33,400,000 | 3,570 |
| 79107 | ACRYLIC ACID | 1427 | 2265 | 435 | 277,000,000 | 23,100,000 | 3,510 |
| 132649 | DIBENZOFURAN | 101 | 27 | 38 | 6,620 | 6,570 | 3,240 |
| 57749 | CHLORDANE | 4 | 0 | 0 | 1.6 | 1.6 | 3,190 |
| 7726956 | BROMINE | 30 | 77 | 9 | 209,000 | 205,000 | 2,490 |
| 1313275 | MOLYBDENUM TRIOXIDE | 2155 | 733 | 574 | 2,860,000 | 2,850,000 | 2,280 |

Table C-5. Chemical Rankings by TWPE TRIR releases2008

| CAS Number | Chemical Name | Direct Dischargers | Indirect Dischargers | Both Direct and Indirect Dischargers | Total Pounds Released Before POTW Removals | Total Pounds Released | TWPE (lb-eq/yr) |
|------------|---|--------------------|----------------------|--------------------------------------|--|-----------------------|-----------------|
| 302012 | HYDRAZINE | 60 | 42 | 9 | 34,700 | 34,500 | 2,170 |
| 71363 | N-BUTYL ALCOHOL | 3251 | 6001 | 887 | 239,000,000 | 19,900,000 | 2,030 |
| 121697 | N,N-DIMETHYLANILINE | 3 | 13 | 3 | 482,000 | 247,000 | 1,930 |
| 75650 | TERT-BUTYL ALCOHOL | 866 | 1404 | 226 | 111,000,000 | 60,500,000 | 1,910 |
| 79345 | 1,1,2,2-TETRACHLOROETHANE | 32 | 5 | 4 | 11,600 | 11,600 | 1,630 |
| 77474 | HEXACHLOROCYCLOPENTADIENE | 64 | 10 | 8 | 37,900 | 1,470 | 1,590 |
| 76131 | FREON 113 | 73 | 126 | 17 | 265,000 | 265,000 | 1,560 |
| 124403 | DIMETHYLAMINE | 575 | 962 | 152 | 19,900,000 | 2,420,000 | 1,510 |
| 77736 | DICYCLOPENTADIENE | 277 | 355 | 67 | 318,000 | 307,000 | 1,430 |
| 121142 | 2,4-DINITROTOLUENE | 36 | 7 | 8 | 2,810 | 2,810 | 1,250 |
| 84742 | DIBUTYL PHTHALATE | 444 | 865 | 142 | 495,000 | 92,400 | 1,150 |
| 95476 | O-XYLENE | 788 | 917 | 191 | 1,090,000 | 253,000 | 1,100 |
| 75058 | ACETONITRILE | 855 | 1405 | 186 | 17,200,000 | 4,700,000 | 1,000 |
| 100414 | ETHYLBENZENE | 18695 | 7180 | 2521 | 2,380,000 | 584,000 | 825 |
| 80057 | 4,4'-ISOPROPYLIDENEDIPHENOL | 843 | 1397 | 309 | 563,000 | 334,000 | 787 |
| 74873 | CHLOROMETHANE | 741 | 857 | 135 | 154,000 | 143,000 | 768 |
| 42874033 | OXYFLUORFEN | 2 | 2 | 0 | 27,500 | 859 | 761 |
| 75092 | DICHLOROMETHANE | 1364 | 2560 | 343 | 1,440,000 | 745,000 | 755 |
| 106478 | P-CHLOROANILINE | 3 | 18 | 0 | 47,700 | 25,700 | 719 |
| 105679 | 2,4-DIMETHYLPHENOL | 603 | 245 | 109 | 84,700 | 73,700 | 693 |
| 133062 | CAPTAN | 60 | 42 | 9 | 555 | 413 | 682 |
| 67663 | CHLOROFORM | 1238 | 1391 | 240 | 376,000 | 322,000 | 669 |
| 121448 | TRIETHYLAMINE | 929 | 1579 | 224 | 7,910,000 | 4,170,000 | 614 |
| 126998 | CHLOROPRENE | 44 | 14 | 6 | 15,700 | 4,910 | 551 |
| 35691657 | 1-BROMO-1-(BROMOMETHYL)-1,3-PROPANEDICARBONITRILE | 4 | 20 | 0 | 31,200 | 16,900 | 540 |
| 107062 | 1,2-DICHLOROETHANE | 690 | 672 | 145 | 46,200 | 34,200 | 540 |
| 95807 | 2,4-DIAMINOTOLUENE | 73 | 126 | 17 | 1,080 | 1,080 | 518 |
| 15972608 | ALACHLOR | 20 | 14 | 3 | 333 | 333 | 506 |
| 75014 | VINYL CHLORIDE | 320 | 50 | 40 | 2,700 | 2,090 | 481 |
| 98828 | CUMENE | 2970 | 1532 | 466 | 955,000 | 120,000 | 406 |
| 79016 | TRICHLOROETHYLENE | 701 | 1159 | 196 | 110,000 | 20,400 | 390 |
| 110861 | PYRIDINE | 299 | 456 | 78 | 2,330,000 | 128,000 | 386 |
| 59669260 | THIODICARB | 20 | 14 | 3 | 185 | 185 | 384 |
| 60515 | DIMETHOATE | 20 | 14 | 3 | 185 | 185 | 342 |
| 79005 | 1,1,2-TRICHLOROETHANE | 99 | 28 | 15 | 8,980 | 8,980 | 327 |

Table C-5. Chemical Rankings by TWPE TRIR releases2008

| CAS Number | Chemical Name | Direct Dischargers | Indirect Dischargers | Both Direct and Indirect Dischargers | Total Pounds Released Before POTW Removals | Total Pounds Released | TWPE (lb-eq/yr) |
|------------|----------------------------|--------------------|----------------------|--------------------------------------|--|-----------------------|-----------------|
| 122349 | SIMAZINE | 60 | 42 | 9 | 1,040 | 993 | 306 |
| 109864 | 2-METHOXYETHANOL | 220 | 364 | 60 | 3,380,000 | 1,030,000 | 291 |
| 1918021 | PICLORAM | 7 | 5 | 0 | 135 | 135 | 281 |
| 82688 | QUINTOZENE | 11 | 3 | 1 | 6.95 | 6.95 | 268 |
| 108452 | 1,3-PHENYLENEDIAMINE | 183 | 281 | 39 | 1,010,000 | 551,000 | 210 |
| 123386 | PROPIONALDEHYDE | 387 | 487 | 88 | 2,800,000 | 481,000 | 207 |
| 75003 | CHLOROETHANE | 490 | 775 | 109 | 104,000 | 62,100 | 198 |
| 95501 | 1,2-DICHLOROBENZENE | 145 | 154 | 25 | 18,200 | 18,200 | 191 |
| 108907 | CHLOROBENZENE | 610 | 777 | 134 | 110,000 | 64,500 | 189 |
| 108101 | METHYL ISOBUTYL KETONE | 1771 | 2394 | 435 | 5,040,000 | 1,210,000 | 185 |
| 330541 | DIURON | 40 | 28 | 6 | 592 | 386 | 173 |
| 534521 | 4,6-DINITRO-O-CRESOL | 4 | 5 | 0 | 2,700 | 1,430 | 154 |
| 1918009 | DICAMBA | 20 | 14 | 3 | 9,250 | 9,250 | 139 |
| 96333 | METHYL ACRYLATE | 319 | 566 | 94 | 35,800 | 11,400 | 139 |
| 137428 | METHAM SODIUM | 0 | 1 | 0 | 250 | 60.2 | 120 |
| 120832 | 2,4-DICHLOROPHENOL | 20 | 14 | 3 | 1,180 | 1,180 | 117 |
| 68122 | N,N-DIMETHYLFORMAMIDE | 847 | 1438 | 194 | 94,700,000 | 14,600,000 | 116 |
| 107051 | ALLYL CHLORIDE | 102 | 89 | 29 | 34,000 | 33,300 | 112 |
| 78842 | ISOBUTYRALDEHYDE | 178 | 257 | 38 | 255,000 | 50,900 | 109 |
| 111444 | BIS(2-CHLOROETHYL) ETHER | 46 | 53 | 10 | 98.3 | 98.3 | 105 |
| 1634044 | METHYL TERT-BUTYL ETHER | 984 | 1299 | 166 | 1,900,000 | 1,050,000 | 88.6 |
| 101804 | 4,4'-DIAMINODIPHENYL ETHER | 122 | 160 | 46 | 31,800 | 31,200 | 87.2 |
| 1163195 | DECABROMODIPHENYL OXIDE | 193 | 454 | 105 | 704,000 | 9,950 | 85.4 |
| 7664393 | HYDROGEN FLUORIDE | 681 | 2297 | 228 | 15,300,000 | 15,000,000 | 83.9 |
| 108394 | M-CRESOL | 227 | 342 | 73 | 177,000 | 25,200 | 76.8 |
| 131113 | DIMETHYL PHTHALATE | 158 | 256 | 50 | 33,100 | 20,600 | 67.9 |
| 40487421 | PENDIMETHALIN | 31 | 17 | 4 | 370 | 370 | 64.9 |
| 4170303 | CROTONALDEHYDE | 73 | 126 | 17 | 3,240 | 3,240 | 51.8 |
| 115071 | PROPYLENE | 605 | 280 | 110 | 73,200 | 72,700 | 51.1 |
| 94757 | 2,4-D | 84 | 61 | 12 | 10,000 | 5,500 | 43 |
| 541731 | 1,3-DICHLOROBENZENE | 32 | 5 | 4 | 2,540 | 2,540 | 35.1 |
| 106467 | 1,4-DICHLOROBENZENE | 9 | 7 | 0 | 410 | 376 | 28.9 |
| 122394 | DIPHENYLAMINE | 20 | 25 | 0 | 2,120 | 1,130 | 25.6 |
| 101779 | 4,4'-METHYLENEDIANILINE | 179 | 285 | 35 | 13,500 | 13,100 | 24.1 |
| 74851 | ETHYLENE | 369 | 148 | 66 | 63,000 | 61,200 | 22.3 |
| 98953 | NITROBENZENE | 74 | 126 | 17 | 2,120 | 2,120 | 21.8 |

Table C-5. Chemical Rankings by TWPE TRIR releases2008

| CAS Number | Chemical Name | Direct Dischargers | Indirect Dischargers | Both Direct and Indirect Dischargers | Total Pounds Released Before POTW Removals | Total Pounds Released | TWPE (lb-eq/yr) |
|------------|--|--------------------|----------------------|--------------------------------------|--|-----------------------|-----------------|
| 106423 | P-XYLENE | 214 | 57 | 27 | 4,480 | 4,480 | 21.5 |
| 108930 | CYCLOHEXANOL | 366 | 638 | 96 | 2,190,000 | 257,000 | 20.4 |
| 569642 | C.I. BASIC GREEN 4 | 0 | 4 | 0 | 20 | 10.9 | 20 |
| 834128 | AMETRYN | 60 | 42 | 9 | 666 | 565 | 19.8 |
| 98862 | ACETOPHENONE | 332 | 175 | 208 | 448,000 | 55,500 | 18.5 |
| 74839 | BROMOMETHANE | 95 | 23 | 13 | 284 | 284 | 17 |
| 71556 | 1,1,1-TRICHLOROETHANE | 133 | 129 | 51 | 3,250 | 3,250 | 15.3 |
| 78922 | SEC-BUTYL ALCOHOL | 730 | 1293 | 175 | 11,600,000 | 1,050,000 | 13.9 |
| 108383 | M-XYLENE | 380 | 211 | 54 | 12,600 | 8,700 | 13.8 |
| 95487 | O-CRESOL | 131 | 164 | 48 | 5,220 | 4,010 | 12 |
| 120718 | P-CRESIDINE | 3 | 18 | 0 | 5,250 | 5,250 | 11.7 |
| 80626 | METHYL METHACRYLATE | 1667 | 2524 | 577 | 16,000,000 | 35,000 | 10.5 |
| 106503 | P-PHENYLENEDIAMINE | 96 | 131 | 29 | 103,000 | 61,200 | 9.48 |
| 7287196 | PROMETRYN | 20 | 14 | 3 | 185 | 103 | 8.98 |
| 55406536 | 3-IODO-2-PROPYNYL BUTYLCARBAMATE | 0 | 36 | 0 | 46,700 | 10,600 | 8.48 |
| 542756 | 1,3-DICHLOROPROPYLENE | 6 | 0 | 0 | 11.7 | 11.7 | 6.61 |
| 4080313 | 1-(3-CHLOROALLYL)-3,5,7-TRIAZA-1-AZONIAADAMANTANE CHLORIDE | 3 | 9 | 3 | 6,110 | 3,900 | 5.2 |
| 90040 | O-ANISIDINE | 3 | 18 | 0 | 5,250 | 5,250 | 5.08 |
| 75343 | ETHYLIDENE DICHLORIDE | 64 | 10 | 8 | 9,640 | 9,640 | 4.95 |
| 90437 | 2-PHENYLPHENOL | 2 | 6 | 2 | 2,350 | 144 | 4.06 |
| 51285 | 2,4-DINITROPHENOL | 1 | 0 | 0 | 495 | 495 | 4.03 |
| 25321226 | DICHLOROBENZENE (MIXED ISOMERS) | 32 | 5 | 4 | 488 | 488 | 4 |
| 120821 | 1,2,4-TRICHLOROBENZENE | 73 | 126 | 17 | 1,080 | 146 | 3.73 |
| 533744 | DAZOMET | 68 | 0 | 2 | 385 | 385 | 3.65 |
| 88755 | 2-NITROPHENOL | 21 | 14 | 3 | 2,170 | 2,170 | 3.53 |
| 110805 | 2-ETHOXYETHANOL | 98 | 161 | 23 | 4,250,000 | 407,000 | 3.37 |
| 584849 | TOLUENE-2,4-DIISOCYANATE | 32 | 5 | 4 | 9,470 | 9,470 | 3.22 |
| 961115 | TETRACHLORVINPHOS | 20 | 14 | 3 | 185 | 20.5 | 2.95 |
| 100016 | P-NITROANILINE | 14 | 48 | 6 | 6,800 | 3,690 | 2.03 |
| 100254 | P-DINITROBENZENE | 1 | 0 | 0 | 14 | 14 | 1.72 |
| 79118 | CHLOROACETIC ACID | 2 | 22 | 2 | 17,900 | 1,420 | 1.15 |
| 79210 | PERACETIC ACID | 211 | 402 | 34 | 5,730,000 | 609,000 | 1.08 |
| 109068 | 2-METHYLPYRIDINE | 9 | 4 | 2 | 141,000 | 11,100 | 1.07 |
| 51235042 | HEXAZINONE | 20 | 14 | 3 | 1,740 | 1,740 | 0.981 |
| 60207901 | PROPICONAZOLE | 20 | 14 | 3 | 74 | 23.7 | 0.946 |

Table C-5. Chemical Rankings by TWPE TRIR releases2008

| CAS Number | Chemical Name | Direct Dischargers | Indirect Dischargers | Both Direct and Indirect Dischargers | Total Pounds Released Before POTW Removals | Total Pounds Released | TWPE (lb-eq/yr) |
|------------|---|--------------------|----------------------|--------------------------------------|--|-----------------------|-----------------|
| 91087 | TOLUENE-2,6-DIISOCYANATE | 32 | 5 | 4 | 2,420 | 2,420 | 0.826 |
| 1563662 | CARBOFURAN | 20 | 14 | 3 | 185 | 13.5 | 0.816 |
| 75694 | TRICHLOROFLUOROMETHANE | 6 | 9 | 0 | 720 | 720 | 0.793 |
| 85449 | PHTHALIC ANHYDRIDE | 505 | 903 | 138 | 714,000 | 5,660 | 0.725 |
| 100027 | 4-NITROPHENOL | 1 | 0 | 0 | 128 | 128 | 0.626 |
| 74884 | METHYL IODIDE | 147 | 251 | 42 | 14,800 | 4,520 | 0.548 |
| 540590 | 1,2-DICHLOROETHYLENE | 32 | 5 | 4 | 287 | 287 | 0.418 |
| 99650 | M-DINITROBENZENE | 1 | 0 | 0 | 2 | 2 | 0.284 |
| 108316 | MALEIC ANHYDRIDE | 549 | 930 | 178 | 1,060,000 | 485 | 0.243 |
| 19666309 | OXYDIAZON | 20 | 14 | 3 | 185 | 4.9 | 0.229 |
| 81072 | SACCHARIN (MANUFACTURING, NO SUPPLIER NOTIFICATION) | 73 | 126 | 17 | 54,000 | 13,400 | 0.224 |
| 21087649 | METRIBUZIN | 20 | 14 | 3 | 185 | 99.9 | 0.14 |
| 67721 | HEXACHLOROETHANE | 61 | 80 | 23 | 0.492 | 0.492 | 0.0889 |
| 107119 | ALLYLAMINE | 3 | 13 | 3 | 19 | 19 | 0.0481 |
| 77781 | DIMETHYL SULFATE | 1 | 41 | 0 | 210 | 6.36 | 0.0475 |
| 60355 | ACETAMIDE | 63 | 80 | 23 | 684 | 684 | 0.00288 |
| 72178020 | FOMESAFEN | 20 | 14 | 3 | 74 | 34.5 | 0.00258 |
| 64675 | DIETHYL SULFATE | 73 | 126 | 17 | 216 | 10.5 | 0.00072 |
| 92875 | BENZIDINE | 4 | 0 | 0 | 0 | 0 | 0 |
| 7723140 | PHOSPHORUS (YELLOW OR WHITE) | 176 | 74 | 46 | 0 | 0 | 0 |
| 1717006 | 1,1-DICHLORO-1-FLUOROETHANE | 40 | 44 | 24 | 11,900 | 11,900 | 0 |
| 79947 | TETRABROMOBISPHENOL A | 45 | 32 | 12 | 842 | 842 | 0 |
| 554132 | LITHIUM CARBONATE | 170 | 129 | 56 | 222,000 | 222,000 | 0 |
| 422560 | 3,3-DICHLORO-1,1,1,2,2-PENTAFLUOROPROPANE | 7 | 18 | 3 | 1,310,000 | 6,430 | 0 |
| 872504 | N-METHYL-2-PYRROLIDONE | 1135 | 3295 | 404 | 48,700,000 | 4,680,000 | 0 |
| 1928434 | 2,4-D 2-ETHYLHEXYL ESTER | 11 | 3 | 1 | 3.63 | 3.63 | 0 |
| 924425 | N-METHYLOLACRYLAMIDE | 439 | 569 | 163 | 66,600 | 56,200 | 0 |
| 94360 | BENZOYL PEROXIDE | 86 | 201 | 29 | 2,960,000 | 110,000 | 0 |
| 98884 | BENZOYL CHLORIDE | 73 | 126 | 17 | 54,000 | 0 | 0 |
| 7782414 | FLUORINE | 4 | 3 | 3 | 380,000 | 380,000 | 0 |
| N120 | DIISOCYANATES | 339 | 479 | 108 | 72,000 | 72,000 | 0 |
| N503 | NICOTINE AND SALTS | 8 | 103 | 18 | 799,000 | 784,000 | 0 |
| N583 | POLYCHLORINATED ALKANES | 5 | 100 | 9 | 15,800 | 15,800 | 0 |
| 1649087 | 1,2-DICHLORO-1,1-DIFLUOROETHANE | 40 | 44 | 24 | 1,080 | 1,080 | 0 |

Table C-5. Chemical Rankings by TWPE TRIR releases2008

| CAS Number | Chemical Name | Direct Dischargers | Indirect Dischargers | Both Direct and Indirect Dischargers | Total Pounds Released Before POTW Removals | Total Pounds Released | TWPE (lb-eq/yr) |
|------------|---|--------------------|----------------------|--------------------------------------|--|-----------------------|-----------------|
| 149304 | 2-MERCAPTOBENZOTHAZOLE | 87 | 222 | 37 | 1,230,000 | 1,230,000 | 0 |
| 191242 | BENZO(G,H,I)PERYLENE | 7419 | 1243 | 831 | 41,200 | 41,200 | 0 |
| 75887 | 2-CHLORO-1,1,1-TRIFLUOROETHANE | 40 | 44 | 24 | 2,920 | 2,920 | 0 |
| 612839 | 3,3'-DICHLOROBENZIDINE DIHYDROCHLORIDE | 17 | 27 | 4 | 267 | 84.5 | 0 |
| 71751412 | ABAMECTIN | 3 | 13 | 3 | 114 | 114 | 0 |
| 1344281 | ALUMINUM OXIDE (FIBROUS FORMS) | 39 | 66 | 21 | 17,500 | 17,200 | 0 |
| 28407376 | C.I. DIRECT BLUE 218 | 72 | 20 | 6 | 10,300 | 10,300 | 0 |
| 2837890 | 2-CHLORO-1,1,1,2-TETRAFLUOROETHANE | 1 | 11 | 1 | 13,100 | 5,850 | 0 |
| 75456 | CHLORODIFLUOROMETHANE | 207 | 332 | 57 | 604,000 | 604,000 | 0 |
| 354143 | 1,1,2,2-TETRACHLORO-1-FLUOROETHANE | 73 | 126 | 17 | 1,080 | 1,080 | 0 |
| 26471625 | TOLUENE DIISOCYANATE (MIXED ISOMERS) | 45 | 49 | 7 | 17,300 | 11,900 | 0 |
| 2164070 | DIPOTASSIUM ENDOTHALL | 1 | 0 | 0 | 39,500 | 39,500 | 0 |
| 764410 | 1,4-DICHLORO-2-BUTENE | 32 | 5 | 4 | 820 | 820 | 0 |
| 7664939 | SULFURIC ACID (1994 AND AFTER "ACID AEROSOLS" ONLY) | 2 | 25 | 6 | 100,000 | 0 | 0 |
| 463581 | CARBONYL SULFIDE | 92 | 21 | 13 | 94,900 | 94,900 | 0 |
| 306832 | 2,2-DICHLORO-1,1,1-TRIFLUOROETHANE | 62 | 80 | 23 | 90,000 | 14,700 | 0 |
| 75445 | PHOSGENE | 7 | 45 | 1 | 10,100 | 0 | 0 |
| 29082744 | OCTACHLOROSTYRENE | 14 | 9 | 4 | 0.027 | 0.027 | 0 |
| 75683 | 1-CHLORO-1,1-DIFLUOROETHANE | 162 | 204 | 70 | 123,000 | 123,000 | 0 |

Table C-6. Chemical Rankings by TWPE DMRLoads2008

| PRAM Code | PRAM Code Description | Number of Facilities Reporting | Sum of TWPE |
|------------------|-------------------------------------|---------------------------------------|--------------------|
| 71900 | Mercury | 563 | 20,900,000 |
| 71901 | Mercury | 395 | 10,600,000 |
| 50060 | Chlorine | 6849 | 4,040,000 |
| 00981 | Selenium | 372 | 1,350,000 |
| 00745 | Sulfur | 290 | 979,000 |
| 00951 | Fluoride | 531 | 970,000 |
| 39700 | Hexachlorobenzene | 257 | 870,000 |
| 39516 | Polychlorinated biphenyls (PCBs) | 123 | 623,000 |
| 34675 | 2,3,7,8-Tetrachlorodibenzo-p-dioxin | 79 | 579,000 |
| 01104 | Aluminum | 253 | 431,000 |
| 01079 | Silver | 350 | 404,000 |
| 01105 | Aluminum | 651 | 373,000 |
| 00978 | Arsenic | 474 | 358,000 |
| 01042 | Copper | 1578 | 350,000 |
| 01114 | Lead | 934 | 345,000 |
| 00610 | Ammonia as N | 5349 | 328,000 |
| 01119 | Copper | 1169 | 316,000 |
| 50064 | Chlorine | 166 | 312,000 |
| 00940 | Chloride | 880 | 279,000 |
| 00980 | Iron | 763 | 224,000 |
| 01113 | Cadmium | 597 | 212,000 |
| 01051 | Lead | 1128 | 185,000 |
| 51541 | Hexachlorophene | 1 | 172,000 |
| 01147 | Selenium | 260 | 170,000 |
| 01002 | Arsenic | 428 | 131,000 |
| 01055 | Manganese | 701 | 130,000 |
| 01045 | Iron | 1630 | 124,000 |
| 61163 | Propylene glycol | 14 | 122,000 |
| 77700 | Carbaryl | 1 | 93,800 |
| 00720 | Cyanide | 708 | 92,300 |
| 01027 | Cadmium | 579 | 81,900 |
| 01094 | Zinc | 1094 | 77,300 |
| 34247 | Benzo(a)pyrene | 333 | 68,600 |
| 01074 | Nickel | 593 | 66,000 |
| 01092 | Zinc | 1484 | 65,300 |
| 01077 | Silver | 351 | 63,200 |
| 81313 | Hydrazine | 24 | 60,800 |
| 77041 | Carbon disulfide | 16 | 52,500 |
| 39100 | Diethylhexyl phthalate | 305 | 52,400 |
| 01128 | Vanadium | 51 | 52,300 |
| 01000 | Arsenic | 11 | 50,900 |
| 81621 | Sulfur | 17 | 43,200 |
| 00746 | Sulfur | 14 | 38,200 |
| 39400 | Toxaphene | 33 | 37,000 |
| 34030 | Benzene | 1412 | 35,900 |
| 01062 | Molybdenum | 48 | 29,000 |
| 01067 | Nickel | 648 | 26,200 |
| 00718 | Cyanide | 51 | 25,600 |
| 39500 | PCB-1248 | 56 | 22,900 |
| 00945 | Sulfate | 457 | 22,600 |
| 01034 | Chromium | 898 | 22,500 |

Table C-6. Chemical Rankings by TWPE DMRLoads2008

| PRAM Code | PRAM Code Description | Number of Facilities Reporting | Sum of TWPE |
|------------------|--------------------------------|---------------------------------------|--------------------|
| 00916 | Calcium | 67 | 22,300 |
| 11123 | Manganese | 159 | 19,800 |
| 39496 | PCB-1242 | 56 | 17,300 |
| 00983 | Tin | 4 | 15,500 |
| 01022 | Boron | 136 | 15,000 |
| 34320 | Chrysene | 318 | 14,900 |
| 34242 | Benzo(k)fluoranthene | 301 | 14,000 |
| 34526 | Benzo(a)anthracene | 313 | 13,900 |
| 81551 | Xylene | 622 | 13,800 |
| 39330 | Aldrin | 39 | 13,600 |
| 85824 | Aluminum | 48 | 13,100 |
| 34452 | p-Chloro-m-cresol | 17 | 12,800 |
| 00921 | Magnesium | 54 | 12,500 |
| 00998 | Beryllium | 206 | 12,200 |
| 82295 | Chloride | 11 | 12,100 |
| 00719 | Cyanide | 65 | 11,900 |
| 34230 | Benzo(b)fluoranthene | 200 | 11,900 |
| 01032 | Hexavalent Chromium | 307 | 11,700 |
| 01044 | Iron | 85 | 11,400 |
| 01040 | Copper | 51 | 11,300 |
| 01319 | Manganese | 21 | 11,200 |
| 00620 | Nitrogen, nitrate total (as N) | 312 | 11,100 |
| 34010 | Toluene | 1005 | 10,900 |
| 82389 | Sodium sulfate, total | 1 | 8,890 |
| 01054 | Manganese | 80 | 8,630 |
| 01252 | Arsenic | 4 | 8,420 |
| 01087 | Vanadium | 63 | 8,300 |
| 01065 | Nickel | 12 | 8,270 |
| 01009 | Barium | 117 | 8,270 |
| 51032 | Chlordane | 1 | 7,540 |
| 34215 | Acrylonitrile | 254 | 6,920 |
| 34403 | Indeno(1,2,3-cd)pyrene | 95 | 6,910 |
| 00730 | Thiocyanate (as SCN) | 2 | 5,660 |
| 01220 | Hexavalent Chromium | 106 | 5,490 |
| 00999 | Boron | 84 | 5,470 |
| 00937 | Potassium | 23 | 5,450 |
| 71875 | Hydrogen sulfide | 31 | 4,860 |
| 01025 | Cadmium | 18 | 4,770 |
| 50092 | Low Level Mercury | 114 | 4,750 |
| 79531 | Benzo(b)fluoranthene | 98 | 4,730 |
| 00722 | Cyanide | 111 | 4,190 |
| 39508 | Arochlor 1260 | 58 | 4,060 |
| 00927 | Magnesium | 66 | 3,910 |
| 61574 | Nitrogen as Ammonia | 589 | 3,590 |
| 01118 | Chromium | 592 | 3,190 |
| 70012 | p-Chloro-m-cresol | 11 | 2,940 |
| 34556 | Dibenzo(a,h)anthracene | 92 | 2,920 |
| 39410 | Heptachlor | 40 | 2,330 |
| 00982 | Thallium | 177 | 2,240 |
| 81364 | RDX | 9 | 2,200 |
| 51064 | Formaldehyde | 28 | 1,960 |

Table C-6. Chemical Rankings by TWPE DMRLoads2008

| PRAM Code | PRAM Code Description | Number of Facilities Reporting | Sum of TWPE |
|-----------|---------------------------------------|--------------------------------|-------------|
| 01090 | Zinc | 35 | 1,950 |
| 39504 | PCB-1254 | 65 | 1,790 |
| 39519 | PCBs in bottom depts. (dry solids) | 1 | 1,760 |
| 39730 | 2,4-Dichlorophenoxyacetic acid | 10 | 1,750 |
| 00949 | Fluoride | 5 | 1,740 |
| 34475 | Tetrachloroethylene | 436 | 1,700 |
| 39175 | Vinyl chloride | 400 | 1,660 |
| 00154 | Sulfate | 118 | 1,630 |
| 01313 | Cadmium | 27 | 1,610 |
| 61162 | 1,1-Dichloroethene | 21 | 1,570 |
| 39032 | Pentachlorophenol | 166 | 1,570 |
| 01106 | Aluminum | 66 | 1,430 |
| 39492 | PCB-1232 | 43 | 1,380 |
| 00615 | Nitrogen as nitrite | 115 | 1,370 |
| 01257 | Cyanide | 14 | 1,340 |
| 32102 | Carbon tetrachloride | 313 | 1,090 |
| 34696 | Naphthalene | 711 | 1,090 |
| 03610 | 2,3,7,8-Tetrachlorodibenzo-p-dioxin | 3 | 1,070 |
| 78247 | Hexavalent Chromium | 53 | 1,060 |
| 34381 | Fluorene | 312 | 1,060 |
| 01049 | Lead | 18 | 1,010 |
| 78389 | Tetrachloroethylene | 74 | 960 |
| 34376 | Fluoranthene | 314 | 946 |
| 34220 | Anthracene | 289 | 911 |
| 49489 | Ethylene glycol | 3 | 905 |
| 78113 | Ethylbenzene | 23 | 878 |
| 51078 | Hydrogen sulfide | 11 | 848 |
| 80361 | Methylmercury | 6 | 789 |
| 81020 | Sulfate | 128 | 716 |
| 01056 | Manganese | 49 | 709 |
| 34726 | Nitrogen as Ammonia | 118 | 705 |
| 81688 | Ethylene glycol | 9 | 673 |
| 01102 | Tin | 47 | 622 |
| 01037 | Cobalt | 44 | 557 |
| 34694 | Phenol | 531 | 530 |
| 01145 | Selenium | 7 | 489 |
| 39051 | Methomyl | 1 | 465 |
| 34210 | Acrolein | 37 | 463 |
| 01306 | Copper | 39 | 453 |
| 34516 | 1,1,2,2-Tetrachloroethane | 67 | 451 |
| 00950 | Fluoride | 4 | 406 |
| 77222 | 1,2,4-Trimethylbenzene | 22 | 381 |
| 78726 | Sodium dimethyldithiocarbamate, total | 1 | 368 |
| 79618 | .beta.-Endosulfan, in waste | 1 | 362 |
| 00698 | Boric acid | 1 | 332 |
| 34461 | Phenanthrene | 322 | 323 |
| 01046 | Iron | 90 | 312 |
| 61209 | Perchlorate (ClO4) | 16 | 290 |
| 50901 | Ethylene glycol | 7 | 267 |
| 39755 | Mirex | 7 | 262 |
| 49146 | Dibromochloropropane | 4 | 257 |

Table C-6. Chemical Rankings by TWPE DMRLoads2008

| PRAM Code | PRAM Code Description | Number of Facilities Reporting | Sum of TWPE |
|-----------|----------------------------------|--------------------------------|-------------|
| 00991 | Trivalent Arsenic | 2 | 256 |
| 39180 | Trichloroethylene | 543 | 254 |
| 01318 | Lead | 30 | 250 |
| 34253 | Alpha BHC | 1 | 237 |
| 01152 | Titanium | 29 | 234 |
| 32106 | Chloroform | 452 | 234 |
| 34371 | Ethylbenzene | 702 | 230 |
| 01303 | Zinc | 37 | 206 |
| 01033 | Trivalent Chromium | 22 | 206 |
| 34611 | 2,4-Dinitrotoluene | 204 | 199 |
| 39336 | Alpha BHC | 18 | 198 |
| 39530 | Malathion | 6 | 169 |
| 34391 | Hexachlorobutadiene | 143 | 166 |
| 34657 | 2-Methyl-4,6-dinitrophenol | 228 | 154 |
| 71855 | Nitrogen, nitrite total (as NO2) | 7 | 150 |
| 78248 | Cyanide | 19 | 147 |
| 34501 | 1,1-Dichloroethene | 392 | 139 |
| 01059 | Thallium | 62 | 136 |
| 34413 | Methyl bromide | 44 | 129 |
| 00923 | Sodium | 63 | 128 |
| 38691 | 2,3,7,8-Tetrachlorodibenzofuran | 46 | 122 |
| 39344 | Gamma BHC | 18 | 121 |
| 77651 | Ethylene dibromide | 7 | 118 |
| 39300 | DDT | 34 | 116 |
| 04157 | Phosphorus (reactive as P) | 1 | 107 |
| 34511 | 1,1,2-Trichloroethane | 279 | 105 |
| 01162 | Zirconium, total | 3 | 105 |
| 71850 | Nitrogen as Nitrate | 20 | 103 |
| 01154 | Tungsten | 2 | 101 |
| 39033 | Atrazine | 5 | 80.8 |
| 00925 | Magnesium | 2 | 74.7 |
| 00918 | Calcium | 10 | 73.5 |
| 34396 | Hexachloroethane | 242 | 69.7 |
| 01129 | Molybdenum | 16 | 67.4 |
| 01097 | Antimony | 100 | 67.2 |
| 81208 | Cyanide | 8 | 65.4 |
| 39380 | Dieldrin | 37 | 62.6 |
| 51007 | Beta BHC | 4 | 60.1 |
| 01132 | Lithium | 17 | 59.6 |
| 04310 | Dicrotophos | 1 | 58.6 |
| 34506 | 1,1,1-Trichloroethane | 420 | 58.4 |
| 00619 | Nitrogen as Ammonia | 77 | 57.6 |
| 01007 | Barium | 110 | 56.2 |
| 00929 | Sodium | 122 | 56.1 |
| 51082 | Larvin | 1 | 54.8 |
| 39560 | Demeton | 2 | 45.5 |
| 01012 | Beryllium | 56 | 45.1 |
| 39340 | Gamma BHC | 14 | 45.1 |
| 51044 | 1,3-Dichloropropene | 110 | 43.7 |
| 34571 | para-Dichlorobenzene | 266 | 42.5 |
| 71880 | Formaldehyde | 35 | 41.1 |

Table C-6. Chemical Rankings by TWPE DMRLoads2008

| PRAM Code | PRAM Code Description | Number of Facilities Reporting | Sum of TWPE |
|-----------|----------------------------------|--------------------------------|-------------|
| 01323 | Selenium | 23 | 39.5 |
| 00946 | Sulfate | 8 | 39 |
| 39702 | Hexachlorobutadiene | 99 | 35.9 |
| 34469 | Pyrene | 293 | 35 |
| 00387 | Ozone | 1 | 32.2 |
| 00386 | Ozone | 2 | 31.3 |
| 34541 | 1,2-Dichloropropane | 254 | 30.2 |
| 39540 | Ethyl parathion | 2 | 29.3 |
| 34255 | Beta BHC | 1 | 27.2 |
| 39337 | Alpha BHC | 15 | 27.1 |
| 34361 | Alpha-Endosulfan | 27 | 27 |
| 77093 | cis-1,2-Dichloroethylene | 31 | 26.6 |
| 34626 | 2,6-Dinitrotoluene | 195 | 26.3 |
| 82627 | p-Chloro-m-cresol | 7 | 23.8 |
| 03864 | cis-1,2-Dichloroethylene | 11 | 23.3 |
| 39420 | Heptachlor epoxide | 37 | 23 |
| 01082 | Strontium | 29 | 22.2 |
| 04240 | Acetochlor | 2 | 22.1 |
| 34621 | 2,4,6-Trichlorophenol | 149 | 21.9 |
| 34601 | 2,4-Dichlorophenol | 250 | 21.5 |
| 46225 | Chloride | 4 | 21.4 |
| 77571 | Carbazole | 17 | 20.1 |
| 71871 | Bromine, reported as the element | 6 | 19 |
| 82088 | Terbufos | 1 | 18.3 |
| 01268 | Antimony | 163 | 18.2 |
| 39320 | DDE | 29 | 17.5 |
| 39161 | Alachlor | 1 | 16.9 |
| 34616 | 2,4-Dinitrophenol | 289 | 16.1 |
| 01005 | Barium | 2 | 16.1 |
| 01075 | Silver | 4 | 14.4 |
| 71800 | Urea | 2 | 14.3 |
| 00609 | Ammonia as N | 48 | 12.9 |
| 34531 | 1,2-Dichloroethane | 188 | 12.6 |
| 34205 | Acenaphthene | 313 | 11.8 |
| 34586 | 2-Chlorophenol | 245 | 11.7 |
| 78428 | Alpha-Endosulfan | 1 | 10.2 |
| 34596 | Di-n-octyl phthalate | 30 | 10.1 |
| 34671 | PCB-1016 | 45 | 9.51 |
| 39488 | PCB-1221 | 46 | 9.51 |
| 39782 | Gamma BHC | 6 | 8.98 |
| 81302 | Dibenzofuran | 8 | 8.78 |
| 00979 | Cobalt | 55 | 7.88 |
| 77416 | 2-Methylnaphthalene | 5 | 7.71 |
| 34561 | 1,3-Dichloropropene | 59 | 7.66 |
| 77004 | Ethanol | 22 | 7.46 |
| 77164 | Resorcinol | 1 | 7.27 |
| 34423 | Dichloromethane | 385 | 6.96 |
| 01308 | Aluminum | 2 | 6.9 |
| 01084 | Strontium | 21 | 6.76 |
| 77023 | Ethylene glycol | 8 | 6.53 |
| 34631 | 3,3'-Dichlorobenzidine | 35 | 6.52 |

Table C-6. Chemical Rankings by TWPE DMRLoads2008

| PRAM Code | PRAM Code Description | Number of Facilities Reporting | Sum of TWPE |
|-----------|----------------------------|--------------------------------|-------------|
| 34551 | 1,2,4-Trichlorobenzene | 245 | 6.4 |
| 34536 | 1,2-Dichlorobenzene | 267 | 5.61 |
| 78391 | Trichloroethylene | 101 | 5.61 |
| 34566 | 1,3-Dichlorobenzene | 255 | 5.28 |
| 77885 | Methanol, total | 19 | 5.16 |
| 01020 | Boron | 1 | 5.13 |
| 34646 | 4-Nitrophenol | 239 | 5.05 |
| 00612 | Ammonia as N | 5 | 4.67 |
| 34438 | N-Nitrosodimethylamine | 32 | 4.61 |
| 77969 | Chlorpyrifos | 6 | 4.51 |
| 51173 | Cyanide | 6 | 4.13 |
| 39480 | Methoxychlor | 7 | 4.12 |
| 32104 | Bromoform | 72 | 3.88 |
| 39055 | Simazine | 2 | 3.87 |
| 34606 | 2,4-Dimethylphenol | 303 | 3.81 |
| 34447 | Nitrobenzene | 240 | 3.79 |
| 34496 | 1,1-Dichloroethane | 348 | 3.38 |
| 32101 | Bromodichloromethane | 71 | 3.28 |
| 39110 | Dibutyl phthalate | 242 | 3.12 |
| 34200 | Acenaphthylene | 296 | 3.1 |
| 70352 | Chloride | 3 | 2.88 |
| 04262 | Trivalent Chromium | 26 | 2.74 |
| 00941 | Chloride | 7 | 2.72 |
| 81283 | Total BHC | 1 | 2.68 |
| 81596 | Methyl isobutyl ketone | 12 | 2.63 |
| 00621 | Nitrogen as Nitrate | 8 | 2.57 |
| 01304 | Silver | 30 | 2.39 |
| 39580 | Azinphos-methyl | 2 | 2.35 |
| 85813 | Tolytriazole | 4 | 2.16 |
| 01095 | Antimony | 2 | 2.05 |
| 81360 | TNT | 10 | 1.83 |
| 34418 | Chloromethane | 270 | 1.71 |
| 32103 | 1,2-Dichloroethane | 158 | 1.39 |
| 34301 | Chlorobenzene | 312 | 1.33 |
| 39770 | Dacthal | 1 | 1.31 |
| 34273 | Bis(2-chloroethyl) ether | 34 | 1.25 |
| 81574 | cis-1,2-Dichloroethylene | 40 | 1.16 |
| 77038 | Propylene glycol | 2 | 1.13 |
| 81686 | cis-1,2-Dichloroethylene | 7 | 1.08 |
| 34311 | Chloroethane | 176 | 1.01 |
| 34292 | Butyl benzyl phthalate | 42 | 0.905 |
| 34341 | Dimethyl phthalate | 234 | 0.901 |
| 77770 | 2,3,4,6-Tetrachlorophenol | 47 | 0.896 |
| 00984 | Titanium | 4 | 0.823 |
| 03615 | 2-Methyl-4,6-dinitrophenol | 60 | 0.778 |
| 77015 | Isopropanol | 11 | 0.774 |
| 34591 | 2-Nitrophenol | 240 | 0.666 |
| 03821 | Dichloromethane | 20 | 0.654 |
| 73207 | Acrylonitrile | 9 | 0.633 |
| 82388 | Dioxane | 13 | 0.598 |
| 82057 | Boron | 1 | 0.506 |

Table C-6. Chemical Rankings by TWPE *DMRLoads2008*

| PRAM Code | PRAM Code Description | Number of Facilities Reporting | Sum of TWPE |
|------------------|------------------------------|---------------------------------------|--------------------|
| 01322 | Nickel | 20 | 0.497 |
| 81607 | Tetrahydrofuran | 14 | 0.395 |
| 78396 | p-Cresol | 8 | 0.385 |
| 37371 | Ethylbenzene | 181 | 0.378 |
| 01030 | Chromium | 8 | 0.35 |
| 77163 | 1,3-Dichloropropene | 63 | 0.326 |
| 38693 | Bromodichloromethane | 9 | 0.311 |
| 22417 | Methyl tert-butyl ether | 248 | 0.3 |
| 03612 | para-Dichlorobenzene | 2 | 0.292 |
| 81524 | Dichlorobenzene | 9 | 0.292 |
| 38533 | Propachlor | 1 | 0.291 |
| 81570 | Cyclohexane | 2 | 0.271 |
| 39650 | Diuron | 1 | 0.266 |
| 34336 | Diethyl phthalate | 237 | 0.251 |
| 38528 | Polyram | 57 | 0.235 |
| 51161 | Terbutylazine | 1 | 0.227 |
| 85814 | Tetrachloroethylene | 11 | 0.2 |
| 39053 | Aldicarb | 2 | 0.196 |
| 82035 | Sodium | 2 | 0.189 |
| 38677 | Methyl bromide | 10 | 0.183 |
| 38676 | 1,2-Dichloroethene, effluent | 15 | 0.18 |
| 77146 | p-Cresol | 58 | 0.179 |
| 85811 | Chloroethane | 99 | 0.152 |
| 39390 | Endrin | 36 | 0.149 |
| 34346 | 1,2-Diphenylhydrazine | 32 | 0.146 |
| 82052 | Dicamba | 1 | 0.135 |
| 39356 | Metolachlor | 1 | 0.123 |
| 51046 | o-Cresol | 10 | 0.118 |
| 34306 | Chlorodibromomethane | 24 | 0.115 |
| 78395 | o-Cresol | 7 | 0.11 |
| 51003 | Amyl alcohol | 7 | 0.0947 |
| 81597 | Methyl methacrylate | 2 | 0.09 |
| 39310 | 4,4'-DDD | 33 | 0.0806 |
| 34408 | Isophorone | 30 | 0.077 |
| 82516 | Trichlorobenzene | 2 | 0.0718 |
| 03809 | Amyl acetate | 5 | 0.071 |
| 00935 | Potassium | 2 | 0.0665 |
| 77860 | Butachlor | 1 | 0.0569 |
| 77151 | 3-Methylphenol | 3 | 0.0546 |
| 77427 | n-Decane | 14 | 0.0483 |
| 81708 | Styrene | 19 | 0.0463 |
| 77804 | n-Octadecane | 14 | 0.0463 |
| 77045 | Pyridine | 22 | 0.0442 |
| 81552 | Acetone | 78 | 0.038 |
| 81549 | Tetrachloroethane, total | 4 | 0.0341 |
| 77223 | Isopropylbenzene | 8 | 0.0316 |
| 00915 | Calcium | 1 | 0.0302 |
| 34425 | Dichloromethane | 8 | 0.0283 |
| 71890 | Mercury | 7 | 0.0278 |
| 81405 | Carbofuran | 2 | 0.021 |
| 77652 | Freon 113 | 5 | 0.0204 |

Table C-6. Chemical Rankings by TWPE DMRLoads2008

| PRAM Code | PRAM Code Description | Number of Facilities Reporting | Sum of TWPE |
|-----------|--|--------------------------------|-------------|
| 00934 | Sodium in bottom dep (as Na) (dry wgt) | 6 | 0.0174 |
| 01085 | Vanadium | 1 | 0.0171 |
| 78531 | Butyl acetate | 2 | 0.0167 |
| 79778 | Cresol | 9 | 0.0159 |
| 34546 | trans-1,2-Dichloroethene | 339 | 0.0149 |
| 01317 | Iron | 2 | 0.0146 |
| 45058 | Cresol | 3 | 0.0116 |
| 77287 | 2-Chloroaniline | 1 | 0.0113 |
| 34485 | Trichloroethylene | 5 | 0.00629 |
| 04150 | 1,2-Dichlorobenzene | 7 | 0.00625 |
| 34576 | 2-Chloroethyl vinyl ether | 32 | 0.00527 |
| 39338 | Beta BHC | 28 | 0.00496 |
| 81585 | Ethyl acetate | 17 | 0.00468 |
| 77089 | Aniline | 16 | 0.0038 |
| 81553 | Acetophenone | 12 | 0.0037 |
| 46363 | cis-1,2-Dichloroethylene | 5 | 0.00369 |
| 32105 | Chlorodibromomethane | 53 | 0.00367 |
| 81676 | o-Cresol | 3 | 0.00301 |
| 34433 | Nitrosodiphenylamine | 33 | 0.00283 |
| 51008 | t-Butyl alcohol | 92 | 0.00261 |
| 78356 | Methyl ethyl ketone | 22 | 0.00228 |
| 77117 | Isopropyl ether | 9 | 0.002 |
| 51045 | Alpha-Terpineol | 34 | 0.00171 |
| 78198 | Heptane | 3 | 0.00161 |
| 81711 | o-Xylene | 43 | 0.00158 |
| 51000 | Methyl formate | 7 | 0.00135 |
| 51002 | Amyl acetate | 8 | 0.000741 |
| 81853 | Trichloroethane | 7 | 0.000591 |
| 78133 | Methyl isobutyl ketone | 10 | 0.000422 |
| 85810 | trans-1,2-Dichloroethene | 17 | 0.000369 |
| 77111 | Triethylamine | 9 | 0.00031 |
| 73010 | Diethyl ether | 3 | 0.000249 |
| 03908 | 1-Methyl-2-isopropylbenzene | 1 | 0.000229 |
| 81582 | Dioxane | 2 | 0.000228 |
| 76997 | Acrylonitrile | 4 | 0.000207 |
| 34488 | Trichlorofluoromethane | 22 | 0.000183 |
| 51001 | Isobutyraldehyde | 7 | 0.0000577 |
| 45013 | Isopropyl acetate | 3 | 0.0000457 |
| 34728 | 1,4-Xylene | 10 | 0.0000402 |
| 77101 | Cyclohexylamine | 1 | 0.0000333 |
| 81595 | Methyl ethyl ketone | 17 | 0.0000162 |
| 81710 | .meta.-Xylene | 10 | 0.0000133 |
| 77088 | 2-Methylpyridine | 1 | 0.0000129 |
| 34668 | Dichlorodifluoromethane | 10 | 0.0000127 |
| 77135 | o-Xylene | 6 | 0.0000105 |
| 49542 | Methyl cellosolve | 2 | 0.0000076 |
| 77030 | Diethylamine | 7 | 0.00000753 |
| 04146 | Isopropyl acetate | 9 | 0.00000186 |
| 50286 | Low Leverl Mercury | 9 | 0.00000154 |
| 82196 | HMPA | 1 | 0.000000377 |
| 77042 | Dimethyl sulfoxide, total | 7 | 4.43E-08 |

Table C-6. Chemical Rankings by TWPE DMRLoads2008

| PRAM Code | PRAM Code Description | Number of Facilities Reporting | Sum of TWPE |
|-----------|--|--------------------------------|-------------|
| 30191 | Dinoseb | 1 | 0 |
| 32019 | Cyanide and thiocyanate - total | 1 | 0 |
| 34374 | Ethylbenzene | 1 | 0 |
| 34342 | Dimethyl phthalate | 2 | 0 |
| 34366 | Endrin aldehyde | 25 | 0 |
| 34283 | Bis(2-chloroisopropyl) ether | 35 | 0 |
| 31666 | Total Hydrocarbons | 3 | 0 |
| 30383 | Benzene, ethylbenzene, toluene, xylene combination | 393 | 0 |
| 81512 | Benzothiazole | 1 | 0 |
| 31667 | Oil petroleum, total recoverable | 57 | 0 |
| 34278 | Bis(2-chloroethoxy)methane | 27 | 0 |
| 34101 | Nitroglycerin by gas chromatography | 3 | 0 |
| 01277 | Total agg concentration #1 | 6 | 0 |
| 28401 | Cesium 137 | 1 | 0 |
| 28012 | Uranium 238 | 6 | 0 |
| 81547 | Methyl naphthalene | 1 | 0 |
| 34268 | Bis(chloromethyl) ether | 1 | 0 |
| 26501 | Thorium 230 | 3 | 0 |
| 34102 | Ethylene glycol dinitrate | 1 | 0 |
| 22708 | Uranium 238 | 21 | 0 |
| 30346 | 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin | 1 | 0 |
| 34356 | .beta.-Endosulfan | 27 | 0 |
| 34198 | Delta BHC | 14 | 0 |
| 34034 | Chlorinated phenols | 1 | 0 |
| 34044 | Oxidants, total residual | 177 | 0 |
| 34045 | Oxidants, free available | 14 | 0 |
| 34103 | Benzene, toluene, xylene in combination | 32 | 0 |
| 34316 | Chloroform | 1 | 0 |
| 34386 | Hexachloropentadiene | 29 | 0 |
| 32020 | Acid compounds | 1 | 0 |
| 34259 | Delta BHC | 11 | 0 |
| 34031 | Chlorobenzene | 1 | 0 |
| 34041 | 3,4,5-Trichloroguaiacol | 5 | 0 |
| 34235 | Benzene | 2 | 0 |
| 34046 | Oxidants released, total residual | 3 | 0 |
| 81362 | RDX | 1 | 0 |
| 81520 | Chloroprene | 1 | 0 |
| 81380 | Velocity of discharge, meters/sec. | 2 | 0 |
| 32015 | Base/neutral compounds | 2 | 0 |
| 81559 | Bromodichloroethane | 2 | 0 |
| 34299 | Carbon tetrachloride | 1 | 0 |
| 32230 | Chlorophyll A | 19 | 0 |
| 00670 | Phosphorus | 2 | 0 |
| 85789 | 2,2-Dimethyl-2,3-dihydro-7-benzofuranol | 1 | 0 |
| 85795 | Xylene, meta & para in combination | 41 | 0 |
| 00700 | Acids, total volatile (as acetic acid) | 1 | 0 |
| 00696 | Nitrofurans | 1 | 0 |
| 00690 | Total Carbon | 2 | 0 |
| 00681 | Total Carbon | 1 | 0 |
| 01288 | Foaming agents | 9 | 0 |
| 00671 | Phosphate as P | 6 | 0 |

Table C-6. Chemical Rankings by TWPE DMRLoads2008

| PRAM Code | PRAM Code Description | Number of Facilities Reporting | Sum of TWPE |
|-----------|---|--------------------------------|-------------|
| 84085 | Volatile organics detected | 6 | 0 |
| 00666 | Phosphorus | 7 | 0 |
| 00665 | Phosphorus | 2429 | 0 |
| 00664 | Dock discharge of phosphorus | 3 | 0 |
| 00662 | Phosphorus | 37 | 0 |
| 00660 | Phosphate | 12 | 0 |
| 00655 | Phosphate | 6 | 0 |
| 00650 | Phosphate | 18 | 0 |
| 00680 | Total Carbon | 1025 | 0 |
| 82599 | Produced water, oil and grease | 2 | 0 |
| 82394 | Hardness, tot calc. (Ca, Mg, Fe) as CaCO3 | 2 | 0 |
| 82541 | Polyacrylamide chloride | 1 | 0 |
| 00973 | Asbestos, total amphibole | 1 | 0 |
| 82560 | Total pesticides | 3 | 0 |
| 82589 | Drilling fluids, free oil | 2 | 0 |
| 82592 | Drilling fluids, discharge rate | 2 | 0 |
| 82594 | Drilling fluids, volume | 2 | 0 |
| 85002 | BOD, 5-day | 5 | 0 |
| 82596 | Drilling cuttings, volume | 2 | 0 |
| 00723 | Cyanide | 1 | 0 |
| 82603 | Well fluids, free oil | 2 | 0 |
| 82608 | Domestic waste, solids | 2 | 0 |
| 00900 | Hardness, total (as CaCO3) | 670 | 0 |
| 82698 | TCDD equivalents | 13 | 0 |
| 00741 | Sulfite (as S) | 3 | 0 |
| 00740 | Sulfite (as SO3) | 15 | 0 |
| 00630 | Nitrite plus nitrate total 1 det. (as N) | 669 | 0 |
| 82595 | Drill cuttings, free oil | 2 | 0 |
| 00310 | BOD, 5-day | 5681 | 0 |
| 00640 | Nitrogen, inorganic total | 19 | 0 |
| 00398 | Dissolved oxygen injected | 1 | 0 |
| 00370 | Chlorine demand, 1 hr | 2 | 0 |
| 00343 | Oxygen demand, total (tod) | 10 | 0 |
| 00341 | Oxygen demand, chem. (COD), dissolved | 6 | 0 |
| 00340 | Oxygen demand, chem. (high level) (COD) | 916 | 0 |
| 00335 | Oxygen demand, chem. (low level) (COD) | 444 | 0 |
| 00415 | Alkalinity, phenolphthaline method | 2 | 0 |
| 00314 | BOD, nitrogen inhib 5-day (20 deg. C) | 2 | 0 |
| 00425 | Alkalinity, bicarbonate (as CaCO3) | 1 | 0 |
| 00300 | Oxygen, dissolved (DO) | 4403 | 0 |
| 00181 | Oxygen demand, ultimate | 49 | 0 |
| 00177 | Oxygen demand, dissolved | 1 | 0 |
| 00148 | Herbicides, total | 3 | 0 |
| 00141 | Solids, total susp per production | 4 | 0 |
| 00139 | Hydrogen peroxide | 18 | 0 |
| 00085 | Odor (threshold no. at room temperature) | 1 | 0 |
| 00318 | BOD, 5-day | 2 | 0 |
| 00540 | Total Suspended Solids | 1 | 0 |
| 82385 | Nitrogen, oxidized | 3 | 0 |
| 00625 | Total Kjeldahl Nitrogen | 642 | 0 |
| 85812 | 1-Hydroxyethylidene | 1 | 0 |

Table C-6. Chemical Rankings by TWPE DMRLoads2008

| PRAM Code | PRAM Code Description | Number of Facilities Reporting | Sum of TWPE |
|-----------|--|--------------------------------|-------------|
| 00613 | Nitrogen as nitrite | 1 | 0 |
| 00605 | Nitrogen, organic | 70 | 0 |
| 00600 | Total Nitrogen | 937 | 0 |
| 00570 | Biomass, plankton | 1 | 0 |
| 00410 | Alkalinity, total (as CaCO3) | 101 | 0 |
| 00547 | Residue, total non-settleable | 1 | 0 |
| 00631 | Nitrite plus nitrate dissolved 1 det. | 4 | 0 |
| 00530 | Total Suspended Solids | 14354 | 0 |
| 00515 | Residue, tot fltrble (dried at 105 C) | 173 | 0 |
| 00500 | Solids, total | 10 | 0 |
| 00445 | Carbonate ion- (as CO3) | 1 | 0 |
| 00442 | Phosphorous, total elemental | 4 | 0 |
| 00441 | Sulfur | 1 | 0 |
| 00435 | Acidity, total (as CaCO3) | 47 | 0 |
| 00551 | Hydrocarbons, in H2O, IR, CC14 extractible chromatograph | 228 | 0 |
| 01326 | Uranium 238 | 3 | 0 |
| 01264 | Zinc | 1 | 0 |
| 03788 | Permanganate | 1 | 0 |
| 03777 | 1,2-Dichloropropene | 2 | 0 |
| 03773 | Chlorine produced oxidants | 139 | 0 |
| 03771 | Purgeable aromatics Method 602 | 3 | 0 |
| 03768 | Purgeable hydrocarbons, Meth. 601 | 3 | 0 |
| 03604 | Total phenols | 14 | 0 |
| 03824 | Tributyltin | 8 | 0 |
| 03556 | 2,3,7,8-Tetrachlorodibenzo-p-dioxin | 9 | 0 |
| 03980 | 1-Methyl-2-isopropylbenzene | 2 | 0 |
| 01324 | Thallium | 1 | 0 |
| 81572 | Dicyclopentadiene | 1 | 0 |
| 01314 | Trivalent Chromium | 11 | 0 |
| 01307 | Hexavalent Chromium | 3 | 0 |
| 81576 | Diethyl ether | 1 | 0 |
| 01289 | Biocides | 2 | 0 |
| 00987 | Iron and manganese, total | 4 | 0 |
| 03594 | Halogens, adsorbable organic | 32 | 0 |
| 04443 | Diquat | 1 | 0 |
| 22703 | Uranium 238 | 1 | 0 |
| 22501 | Thorium 232 | 2 | 0 |
| 22456 | Polynuc aromatic HC per Method 610 | 54 | 0 |
| 22421 | Tert-Amyl Methyl Ether | 1 | 0 |
| 22100 | Technetium-99 | 2 | 0 |
| 20501 | Radium 223, total | 1 | 0 |
| 13501 | Strontium 90, total | 1 | 0 |
| 03823 | Hydrazines, total | 1 | 0 |
| 81561 | Buthdiene, total | 2 | 0 |
| 01259 | Lead | 2 | 0 |
| 04312 | Drilling fluid, toxicity | 2 | 0 |
| 04311 | Drilling fluid, end of well, 96-hr IC50 | 2 | 0 |
| 04251 | CLAMTROL CT-1, TOTAL WATER | 11 | 0 |
| 04175 | Phosphate as P | 21 | 0 |
| 04166 | Polychlorinated biphenyls (PCBs) | 3 | 0 |

Table C-6. Chemical Rankings by TWPE DMRLoads2008

| PRAM Code | PRAM Code Description | Number of Facilities Reporting | Sum of TWPE |
|-----------|---|--------------------------------|-------------|
| 04147 | Methyl cellosolve | 6 | 0 |
| 04141 | Chlorine | 1 | 0 |
| 11501 | Radium 228 | 4 | 0 |
| 82226 | Dinoseb | 1 | 0 |
| 01278 | Total agg concentration #2 | 2 | 0 |
| 82080 | Trihalomethane, tot. | 69 | 0 |
| 82126 | Tritium | 6 | 0 |
| 82180 | Hydrocarbons, petroleum | 68 | 0 |
| 82181 | Hydrocarbons, total petroleum | 8 | 0 |
| 82203 | HMX (Octogen) | 6 | 0 |
| 01035 | Cobalt | 1 | 0 |
| 82064 | Ferrous sulfate | 1 | 0 |
| 82209 | Chlorides & sulfates | 60 | 0 |
| 01057 | Thallium | 2 | 0 |
| 82230 | Ammonia & ammonium- total | 52 | 0 |
| 82241 | Nitrobenzenes, total | 1 | 0 |
| 01017 | Bismuth, total (as Bi) | 1 | 0 |
| 82303 | Radon, total in water | 4 | 0 |
| 82318 | Tantalum, total | 1 | 0 |
| 82358 | Propane, total | 2 | 0 |
| 22706 | Uranium 308 | 5 | 0 |
| 82206 | Acidity | 2 | 0 |
| 81651 | Bisphenol-A | 1 | 0 |
| 81577 | Isopropyl ether | 3 | 0 |
| 01256 | Copper | 1 | 0 |
| 01253 | Cadmium | 1 | 0 |
| 01210 | Palladium, total (as Pd) | 5 | 0 |
| 01168 | Indium | 2 | 0 |
| 01142 | Silicon, total | 2 | 0 |
| 81611 | Trichlorotrifluoroethane | 7 | 0 |
| 01052 | Lead | 2 | 0 |
| 81646 | Alkyl benzene sulfonates | 4 | 0 |
| 00988 | Iron and manganese, soluble | 2 | 0 |
| 81679 | Epichlorohydrin | 1 | 0 |
| 81680 | Dichloroethane | 3 | 0 |
| 81685 | 2-Ethoxyethanol | 1 | 0 |
| 81848 | Trichlorophenol | 22 | 0 |
| 81870 | Tetrachloroquaiacol | 4 | 0 |
| 81871 | TRICHLOROQUAIACOL | 1 | 0 |
| 01060 | Molybdenum | 1 | 0 |
| 01117 | Cesium, total (as Cs) | 1 | 0 |
| 70009 | Bromochloromethane | 4 | 0 |
| 76025 | Chlorinated dibenzo-p-dioxins, effluent | 2 | 0 |
| 71845 | Nitrogen, ammonia total (as NH4) | 20 | 0 |
| 70507 | Phosphorus | 3 | 0 |
| 70505 | Phosphate | 8 | 0 |
| 70353 | Organic halides, total | 4 | 0 |
| 70015 | Freon, total | 1 | 0 |
| 71872 | Bromine chloride | 18 | 0 |
| 70010 | Dichlorofluoromethane | 3 | 0 |
| 78455 | Explosives, combined TNT + RDX + tetryl | 3 | 0 |

Table C-6. Chemical Rankings by TWPE DMRLoads2008

| PRAM Code | PRAM Code Description | Number of Facilities Reporting | Sum of TWPE |
|-----------|---|--------------------------------|-------------|
| 70008 | Ephedrine sulfate | 1 | 0 |
| 61916 | 1,3-Diaminourea | 1 | 0 |
| 61607 | Temephos | 1 | 0 |
| 61606 | Tefluthrin | 1 | 0 |
| 61603 | Profenofos | 1 | 0 |
| 61602 | Tebupirimfos | 1 | 0 |
| 61585 | Cyfluthrin | 1 | 0 |
| 78456 | Halomethanes, sum | 9 | 0 |
| 73202 | Bromoethane, dry weight | 1 | 0 |
| 51427 | Choloroneb, Total | 1 | 0 |
| 74053 | Pesticides, general | 2 | 0 |
| 74052 | Chlorinated hydrocarbons, general | 5 | 0 |
| 74051 | Algicides, general | 1 | 0 |
| 74015 | Chlorinated phenols | 6 | 0 |
| 73617 | Morpholine, 4-nitroso- | 1 | 0 |
| 71870 | Bromide (as Br) | 21 | 0 |
| 73382 | Xylene | 1 | 0 |
| 61237 | Chlorinated hydrocarbons, total | 1 | 0 |
| 73089 | 4,5,6-Trichloroguaiacol | 25 | 0 |
| 73088 | 4,5,6-Trichloroguaiacol | 18 | 0 |
| 73054 | Trichlorosyringol | 37 | 0 |
| 73050 | Tetrachlorocatechol | 34 | 0 |
| 73047 | Tetrachloroguaiacol | 36 | 0 |
| 73037 | 3,4,5-Trichlorocatechol | 42 | 0 |
| 71910 | Gold, total (as Au) | 4 | 0 |
| 73404 | trans-1,3-Dichloro propene | 1 | 0 |
| 51455 | Asana | 1 | 0 |
| 51477 | Analytical Chemistry | 5 | 0 |
| 34428 | N-Nitrosodi-N-propylamine | 29 | 0 |
| 51462 | Terbufos | 1 | 0 |
| 51461 | Deltamethrin | 1 | 0 |
| 51460 | Trichorofon | 1 | 0 |
| 51459 | Pyrifenox | 1 | 0 |
| 61583 | Chlorethoxyfos | 1 | 0 |
| 51457 | Pirimicarb | 1 | 0 |
| 51497 | Spectrus OX 1200 | 1 | 0 |
| 51454 | Metam Potassium | 1 | 0 |
| 51453 | MP062 (Steward) | 1 | 0 |
| 51452 | Chiral (Stereoisomer of MP062) | 1 | 0 |
| 51451 | Phosphorus | 17 | 0 |
| 51450 | Nitrite Plus Nitrate Total | 17 | 0 |
| 51437 | N-Hexane | 3 | 0 |
| 51430 | Surfactants, Non-Ionic | 2 | 0 |
| 51458 | Pymetrozine | 1 | 0 |
| 52290 | Total petroleum hydrocarbon - diesel | 4 | 0 |
| 76028 | Base neutrals & acid (Method 625), efflnt | 25 | 0 |
| 61194 | Halogen, total residual | 14 | 0 |
| 78723 | Amines, organic total | 1 | 0 |
| 61026 | 2,3,4,5-Tetrachlorophenol | 1 | 0 |
| 61025 | 3,4,6-Trichlorocatechol | 12 | 0 |
| 61024 | 3,4,5-Trichloroguaiacol | 35 | 0 |

Table C-6. Chemical Rankings by TWPE DMRLoads2008

| PRAM Code | PRAM Code Description | Number of Facilities Reporting | Sum of TWPE |
|-----------|---|--------------------------------|-------------|
| 61023 | 2,4,5-Trichlorophenol | 20 | 0 |
| 34730 | 2,3-Dichlorophenol, total | 1 | 0 |
| 52300 | Total petroleum hydrocarbon - gasoline | 4 | 0 |
| 51494 | Tetryl | 2 | 0 |
| 78732 | Volatile compounds, (GC/MS) | 64 | 0 |
| 51540 | Purgeable Organic Halides | 1 | 0 |
| 51539 | Nonpurgeable Organic Halides | 1 | 0 |
| 51536 | Selenate, Total Recoverable | 2 | 0 |
| 51518 | Non-Halogenated Volatile Organics | 1 | 0 |
| 51515 | Tributyltin | 1 | 0 |
| 61580 | Bifenthrin | 1 | 0 |
| 61022 | 3,4,6-Trichloroguaiacol | 1 | 0 |
| 77819 | Tri-n-butyl phosphate | 1 | 0 |
| 75038 | Potassium 40 | 1 | 0 |
| 78032 | Methyl tert-butyl ether | 1 | 0 |
| 78028 | Tetrachlorobenzene | 1 | 0 |
| 77970 | Chloromethylbenzene | 2 | 0 |
| 77889 | Octachlorocyclopentene | 2 | 0 |
| 77881 | Triphenyl phosphate | 1 | 0 |
| 78132 | 1,4-Xylene | 1 | 0 |
| 77825 | Alachlor | 1 | 0 |
| 78136 | Trimethylbenzene | 1 | 0 |
| 77793 | Pentachlorobenzene | 1 | 0 |
| 77763 | Bisphenol-A | 1 | 0 |
| 78376 | trans-1,2-Dichloroethene | 7 | 0 |
| 77687 | 2,4,5-Trichlorophenol | 25 | 0 |
| 77672 | Dimethyl terephthalate | 1 | 0 |
| 77666 | Citric acid | 1 | 0 |
| 77647 | Freon 113 | 1 | 0 |
| 77835 | Hexachlorocyclohexane | 6 | 0 |
| 78221 | Organic pesticide chemicals (40 CFR455) | 2 | 0 |
| 78245 | Mercury (Hg), in barite, dry weight | 2 | 0 |
| 78244 | Cadmium (Cd), in barite, dry weight | 2 | 0 |
| 78240 | Metals, total | 48 | 0 |
| 78239 | Metals, tox priority pollutants, total | 4 | 0 |
| 78237 | Organics, volatile (NJAC reg. 7:23-17e) | 5 | 0 |
| 78236 | Organics-tot volatile (NJAC reg.7:23-17e) | 13 | 0 |
| 78115 | Halogen, total organic | 8 | 0 |
| 78222 | Organic active ingredients (40 CFR455) | 1 | 0 |
| 77542 | Hexamethylbenzene | 1 | 0 |
| 78218 | Phenolic compounds, unchlorinated | 9 | 0 |
| 78204 | Chloromethylbenzene | 1 | 0 |
| 78171 | Aromatics, total purgeable | 1 | 0 |
| 78159 | Niacinamide | 1 | 0 |
| 78155 | Dichlorobenzyl trifluoride | 1 | 0 |
| 78151 | EDTA | 2 | 0 |
| 78143 | Monochlorobenzyl trifluoride | 1 | 0 |
| 78232 | Total toxic organics (TTO) (40 CFR469) | 3 | 0 |
| 77057 | Vinyl acetate | 3 | 0 |
| 77173 | 1,3-Dichloropropane | 2 | 0 |
| 77165 | Hydroquinone | 2 | 0 |

Table C-6. Chemical Rankings by TWPE DMRLoads2008

| PRAM Code | PRAM Code Description | Number of Facilities Reporting | Sum of TWPE |
|-----------|--|--------------------------------|-------------|
| 77128 | Styrene | 7 | 0 |
| 77103 | 2-Hexanone | 4 | 0 |
| 77102 | N-Methyl-2-pyrrolidone | 1 | 0 |
| 77097 | Cyclohexanone | 2 | 0 |
| 77625 | Azobenzene | 1 | 0 |
| 77066 | 2-Methyl-1,3-dioxolane | 1 | 0 |
| 77226 | 1,3,5-Trimethylbenzene | 10 | 0 |
| 77034 | Butanol | 1 | 0 |
| 77033 | Isobutyl alcohol | 2 | 0 |
| 77006 | Formic acid | 1 | 0 |
| 76998 | Propene, total | 1 | 0 |
| 76993 | 2,2-Dibromo-3-nitrilopropionamide | 1 | 0 |
| 76030 | Base neutrals & acid (Method 625), total | 1 | 0 |
| 76029 | Organics, tot purgeables (Method 624) | 26 | 0 |
| 77081 | Oxalic acid | 2 | 0 |
| 77342 | n-Butylbenzene (whole water) | 3 | 0 |
| 51476 | Permanganate | 2 | 0 |
| 77541 | 2,6-Dichlorophenol | 1 | 0 |
| 77540 | 2,5-Dichlorophenol | 1 | 0 |
| 77533 | 2,3-Dichloroaniline | 1 | 0 |
| 77493 | Alpha-Terpineol | 17 | 0 |
| 77443 | 1,2,3-Trichloropropane | 3 | 0 |
| 77402 | 2-Phenoxyethanol | 1 | 0 |
| 77189 | Butyl acetate | 6 | 0 |
| 77350 | Sec-butylbenzene | 4 | 0 |
| 77224 | n-Propylbenzene | 6 | 0 |
| 77311 | 2-Ethylhexanol | 1 | 0 |
| 77296 | 4-Chlorophenol | 2 | 0 |
| 77295 | 3-Chlorophenol | 1 | 0 |
| 77247 | Benzoic acids, total | 56 | 0 |
| 77237 | Dimethylaniline | 1 | 0 |
| 77234 | N-Ethylaniline | 1 | 0 |
| 77562 | 1,1,1,2-Tetrachloroethane | 3 | 0 |
| 77353 | tert-Butylbenzene | 3 | 0 |
| 80107 | Sulfur | 3 | 0 |
| 39570 | Diazinon | 3 | 0 |
| 79817 | 3,4-Dichlorophenol | 1 | 0 |
| 79849 | Trichlorosyringol | 5 | 0 |
| 79850 | Tetrachlorocatechol | 8 | 0 |
| 79855 | Adsorbable organic halides (AOX) | 18 | 0 |
| 79862 | Heptane | 4 | 0 |
| 80082 | Carbonaceous BOD, 5-day | 3256 | 0 |
| 49702 | Ammonium picrate | 3 | 0 |
| 80103 | Chemical oxygen demand (COD) | 5 | 0 |
| 79775 | Total Suspended Solids | 4 | 0 |
| 39383 | Dieldrin | 1 | 0 |
| 39379 | DDT/DDD/DDE, sum of p,p' & o,p' isomers | 3 | 0 |
| 39370 | DDT | 3 | 0 |
| 39350 | Chlordane (tech mix. and metabolites) | 35 | 0 |
| 80114 | Color, concentration at wavelength | 1 | 0 |
| 39120 | Benzidine | 32 | 0 |

Table C-6. Chemical Rankings by TWPE DMRLoads2008

| PRAM Code | PRAM Code Description | Number of Facilities Reporting | Sum of TWPE |
|-----------|--|--------------------------------|-------------|
| 80116 | Chemical oxygen demand, soluble | 1 | 0 |
| 80087 | BOD, carbonaceous, 20 day, 20 C | 6 | 0 |
| 47021 | Methylene blue active substances | 8 | 0 |
| 49699 | Betz slimicide C-31, total | 2 | 0 |
| 49543 | Dimethylaniline | 2 | 0 |
| 49498 | Misc. discharges, free oil | 2 | 0 |
| 49494 | Permethrin | 2 | 0 |
| 49491 | BTEX | 30 | 0 |
| 51426 | Phosphorus, total (as P) | 4 | 0 |
| 49158 | Excess cement slurry, free oil | 1 | 0 |
| 39720 | Picloram | 1 | 0 |
| 49153 | WWT drill fluids/cuttings, TDS | 1 | 0 |
| 00081 | Color, apparent (unfiltered sample) | 3 | 0 |
| 46314 | Dimethoate | 1 | 0 |
| 46116 | Total Hydrocarbons | 36 | 0 |
| 45501 | Petrol hydrocarbons, total recoverable | 246 | 0 |
| 45028 | Chlorodifluoromethane | 2 | 0 |
| 39942 | Hydrocarbons, aromatic | 13 | 0 |
| 39941 | Glyphosate, total | 1 | 0 |
| 79746 | Ethylhexyl | 1 | 0 |
| 80276 | BOD, carbonaceous, 28-day (20 deg. C) | 2 | 0 |
| 51493 | Phenolic Compounds, Total | 1 | 0 |
| 34636 | 4-Bromophenyl phenyl ether | 24 | 0 |
| 39084 | Total purgeable halocarbons | 68 | 0 |
| 34711 | Benzo(b,k)fluoranthene | 1 | 0 |
| 34704 | cis-1,3-Dichloropropene | 6 | 0 |
| 34699 | trans-1,3-Dichloro propene | 5 | 0 |
| 80357 | Trivalent Chromium | 3 | 0 |
| 81017 | Chemical Oxygen Demand (COD) | 430 | 0 |
| 34679 | 2,3,7,8-TCDD TEC | 1 | 0 |
| 34729 | Sodium molybdate, total | 1 | 0 |
| 34641 | 4-Chlorophenyl phenyl ether | 25 | 0 |
| 39740 | 2,4,5-T | 3 | 0 |
| 34581 | 2-Chloronaphthalene | 24 | 0 |
| 34579 | 2-Chloroethyl vinyl ether | 1 | 0 |
| 34549 | trans-1,2-Dichloroethene | 1 | 0 |
| 34521 | Benzo(ghi)perylene | 72 | 0 |
| 81299 | Organics, total | 8 | 0 |
| 34509 | 1,1,1-Trichloroethane | 1 | 0 |
| 81324 | Camphor, whole water | 1 | 0 |
| 81328 | Dichloroethene, total | 11 | 0 |
| 34677 | 2,3,7,8-Tetrachlorodibenzo-p-dioxin | 1 | 0 |
| 38675 | 1,1-Dichloro-1,2,2,2-tetrafluoroethane | 3 | 0 |
| 49263 | trans-1,4-Dichloro-2-butene | 4 | 0 |
| 39010 | Disulfoton | 1 | 0 |
| 38887 | Terbutryn | 1 | 0 |
| 38865 | Oxamyl | 1 | 0 |
| 38845 | Metam-sodium | 1 | 0 |
| 38745 | 2,4-DB | 1 | 0 |
| 38681 | 2-Chlorotoluene | 1 | 0 |
| 80279 | CBOD5/NH3-N | 4 | 0 |

Table C-6. Chemical Rankings by TWPE DMRLoads2008

| PRAM Code | PRAM Code Description | Number of Facilities Reporting | Sum of TWPE |
|-----------|---|--------------------------------|-------------|
| 38678 | Chloromethane | 6 | 0 |
| 80126 | BOD, carbonaceous, 5 day, 5 C | 4 | 0 |
| 38671 | 1,1-Dichloro-2,2,2-trifluoroethane | 1 | 0 |
| 38564 | Prothiofos | 1 | 0 |
| 38527 | Pentachloronitrobenzene | 1 | 0 |
| 38446 | Dichloran, total | 1 | 0 |
| 38432 | Dalapon | 1 | 0 |
| 38423 | Chloroneb | 1 | 0 |
| 38402 | Ametryn | 1 | 0 |
| 34750 | 2,3,7,8-Tetrachlorodibenzo-p-dioxin | 1 | 0 |
| 38679 | Dibromomethane | 3 | 0 |
| 51174 | Bis(2-ethylhexyl) adipate | 1 | 0 |
| 51030 | Spectrus CT 1300 | 6 | 0 |
| 51031 | Terpineol | 4 | 0 |
| 78939 | Fuel, diesel, #1 | 1 | 0 |
| 51051 | Tin, tri-organo- | 1 | 0 |
| 51058 | Trivalent Chromium | 1 | 0 |
| 51183 | Ethyl mercaptan | 1 | 0 |
| 51060 | Rhodamine WT dye | 1 | 0 |
| 78885 | Reglone | 1 | 0 |
| 51066 | Diquat | 12 | 0 |
| 51067 | Chloramine | 12 | 0 |
| 51068 | Potassium permanganate | 15 | 0 |
| 51029 | Nalco Macrotrol 9210 | 3 | 0 |
| 51073 | Bromodichloromethane | 3 | 0 |
| 51049 | Calgon H-130M | 1 | 0 |
| 51159 | Propazine | 1 | 0 |
| 51156 | Prometryn | 1 | 0 |
| 78733 | Volatile fraction organics (EPA 624) | 8 | 0 |
| 51085 | Nitrogen as Ammonia | 1 | 0 |
| 51086 | Nitrogen as Nitrate | 1 | 0 |
| 51087 | Total Kjeldahl Nitrogen | 2 | 0 |
| 51151 | Norflurazon | 1 | 0 |
| 51132 | Cyanuric acid | 53 | 0 |
| 51117 | Discharge drill cuttings, sediment toxicity | 2 | 0 |
| 51113 | Trichloronitromethane | 1 | 0 |
| 51092 | Phosphate, total (P2O5), water | 1 | 0 |
| 51088 | Manure, wet tons removed | 1 | 0 |
| 51179 | Polyethylene glycol | 1 | 0 |
| 51202 | Sulfide-hydrogen sulfide (undissociated) | 2 | 0 |
| 50008 | Priority pollutants total effluent | 67 | 0 |
| 49924 | N-Methylbenzeneamine | 1 | 0 |
| 79743 | Glyphosate, total | 1 | 0 |
| 51057 | Terramycin | 12 | 0 |
| 49922 | Diesel range organics diesel, total, wtr | 7 | 0 |
| 51200 | Endothall | 1 | 0 |
| 49887 | Betz clam-trol CT-4 | 1 | 0 |
| 79539 | Acetone, in waste | 1 | 0 |
| 50259 | Total Hydrocarbons | 4 | 0 |
| 50796 | Acrylamide monomer | 4 | 0 |
| 79732 | 2,4,5-Trichlorophenoxypropionic acid | 2 | 0 |

Table C-6. Chemical Rankings by TWPE *DMRLoads2008*

| PRAM Code | PRAM Code Description | Number of Facilities Reporting | Sum of TWPE |
|------------------|----------------------------------|---------------------------------------|--------------------|
| 79146 | p-Cresol | 1 | 0 |
| 51425 | Nitrogen, total (as N) | 3 | 0 |
| 51009 | RDX+HMX | 1 | 0 |
| 51022 | 3,4,6-Trichloroguaiacol | 40 | 0 |
| 49886 | Betz clam-trol CT-2 | 3 | 0 |
| 49875 | Propylene glycol monobutyl ether | 1 | 0 |
| 51024 | 3,4,6-Trichlorocatechol | 30 | 0 |
| 51027 | RDX | 2 | 0 |

Table C-7. Combined Category Rankings by TWPE Excluding Minor Dischargers

| 40 CFR Part or SIC Group | Point Source Category | DMR2008 TWPE | DMR2008 Rank | TRI2008 TWPE | TRI2008 Rank | Total TWPE | Rank |
|---|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------|-------------|
| 423 | Steam Electric Power Generating | 35,700,000 | 1 | 1,550,000 | 1 | 37,300,000 | 1 |
| 414.1 | Chlorine And Chlorinated Hydrocarbons | 1,510,000 | 2 | 956,000 | 2 | 2,470,000 | 2 |
| 430 | Pulp, Paper And Paperboard | 504,000 | 6 | 523,000 | 3 | 1,030,000 | 3 |
| 421 | Nonferrous Metals Manufacturing | 897,000 | 3 | 38,700 | 12 | 936,000 | 4 |
| 419 | Petroleum Refining | 423,000 | 8 | 410,000 | 4 | 833,000 | 5 |
| 418 | Fertilizer Manufacturing | 802,000 | 4 | 8,120 | 20 | 810,000 | 6 |
| 420 | Iron And Steel Manufacturing | 583,000 | 5 | 111,000 | 6 | 694,000 | 7 |
| 414 | Organic Chemicals, Plastics And Synthetic Fibers | 493,000 | 7 | 137,000 | 5 | 630,000 | 8 |
| 440 | Ore Mining And Dressing | 304,000 | 9 | 109,000 | 7 | 413,000 | 9 |
| 433 | Metal Finishing | 301,000 | 10 | 74,400 | 9 | 375,000 | 10 |
| 415 | Inorganic Chemicals Manufacturing | 139,000 | 15 | 71,300 | 10 | 210,000 | 11 |
| 503 | Miscellaneous Foods And Beverages | 188,000 | 11 | 5,210 | 28 | 193,000 | 12 |
| 444 | Waste Combustors | 176,000 | 13 | 8,830 | 19 | 185,000 | 13 |
| 410 | Textile Mills | 179,000 | 12 | 2,750 | 37 | 182,000 | 14 |
| 411 | Cement Manufacturing | 170,000 | 14 | 529 | 47 | 171,000 | 15 |
| 455 | Pesticide Chemicals | 114,000 | 16 | 35,500 | 13 | 150,000 | 16 |
| 463 | Plastics Molding And Forming | 52,900 | 20 | 74,700 | 8 | 128,000 | 17 |
| 42 | Trucking & Warehousing | 85,700 | 17 | 0.239 | 67 | 85,700 | 18 |
| 501 | Drinking Water Treatment | 78,000 | 18 | 401 | 49 | 78,400 | 19 |
| 432 | Meat and Poultry Products | 12,400 | 31 | 61,600 | 11 | 74,000 | 20 |
| 436 | Mineral Mining And Processing | 69,300 | 19 | 3,390 | 35 | 72,700 | 21 |
| 97 | National Security & International Affairs | 35,500 | 22 | 20,300 | 17 | 55,800 | 22 |
| 439 | Pharmaceutical Manufacturing | 45,500 | 21 | 6,890 | 24 | 52,400 | 23 |
| 467 | Aluminum forming | 32,700 | 24 | 5,830 | 26 | 38,500 | 24 |
| 409 | Sugar Processing | 35,200 | 23 | 205 | 50 | 35,400 | 25 |
| 428 | Rubber Manufacturing | 26,300 | 25 | 7,180 | 21 | 33,500 | 26 |
| 437 | Centralized Waste Treatment | 25,500 | 26 | 6,850 | 25 | 32,400 | 27 |
| 429 | Timber Products Processing | 1,080 | 43 | 27,300 | 15 | 28,400 | 28 |
| 458 | Carbon Black Manufacturing | | | 27,600 | 14 | 27,600 | 29 |
| 464 | Metal Molding And Casting (Foundries) | 21,900 | 27 | 5,040 | 29 | 26,900 | 30 |
| 471 | Nonferrous Metals Forming And Metal Powders | 4,720 | 35 | 20,900 | 16 | 25,600 | 31 |
| 451 | Concentrated Aquatic Animal Production | 21,100 | 28 | | | 21,100 | 32 |
| 999 | Superfund Sites | 20,500 | 29 | | | 20,500 | 33 |
| 422 | Phosphate Manufacturing | 16,600 | 30 | 657 | 45 | 17,300 | 34 |
| 424 | Ferroalloy Manufacturing | 1,670 | 39 | 12,900 | 18 | 14,600 | 35 |
| 469 | Electrical And Electronic Components | 9,790 | 32 | 3,580 | 34 | 13,400 | 36 |

Table C-7. Combined Category Rankings by TWPE Excluding Minor Dischargers

| 40 CFR Part or SIC Group | Point Source Category | DMR2008 TWPE | DMR2008 Rank | TRI2008 TWPE | TRI2008 Rank | Total TWPE | Rank |
|---|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------|-------------|
| 406 | Grain mills | 2,110 | 38 | 5,600 | 27 | 7,710 | 37 |
| 95 | Environmental Quality & Housing | 317 | 52 | 7,160 | 22 | 7,480 | 38 |
| 468 | Copper forming | 2,320 | 37 | 4,780 | 31 | 7,100 | 39 |
| 99 | Non classifiable Establishments | 7,090 | 33 | | | 7,090 | 40 |
| 425 | Leather Tanning And Finishing | 17.5 | 67 | 6,990 | 23 | 7,010 | 41 |
| 434 | Coal Mining | 5,080 | 34 | 1,280 | 41 | 6,360 | 42 |
| 407 | Canned And Preserved Fruits And Vegetables Processing | 157 | 57 | 4,810 | 30 | 4,970 | 43 |
| 405 | Dairy products processing | 41.5 | 61 | 3,750 | 32 | 3,790 | 44 |
| 4952 | Sewerage Systems | | | 3,600 | 33 | 3,600 | 45 |
| 413 | Electroplating | | | 2,860 | 36 | 2,860 | 46 |
| 457 | Explosives Manufacturing | 2,590 | 36 | 43.2 | 57 | 2,630 | 47 |
| 461 | Battery Manufacturing | 532 | 49 | 1,580 | 39 | 2,110 | 48 |
| 445 | Landfills | 1,260 | 42 | 781 | 43 | 2,040 | 49 |
| 502 | Tobacco Products | 11.3 | 68 | 1,790 | 38 | 1,800 | 50 |
| 438 | Metal Products And Machinery | 378 | 51 | 1,400 | 40 | 1,780 | 51 |
| 443 | Paving And Roofing Materials (Tars And Asphalt) | 639 | 47 | 927 | 42 | 1,570 | 52 |
| 92 | Justice, Public Order, & Safety | 1,450 | 40 | 64.5 | 55 | 1,510 | 53 |
| 500 | Airport Deicing | 1,410 | 41 | | | 1,410 | 54 |
| 507 | Independent And Stand Alone Labs | 914 | 44 | 49.9 | 56 | 964 | 55 |
| 508 | Printing & Publishing | 665 | 46 | 141 | 52 | 806 | 56 |
| 408 | Canned And Preserved Seafood Processing | 686 | 45 | 108 | 53 | 794 | 57 |
| 417 | Soap And Detergent Manufacturing | 3.2 | 71 | 776 | 44 | 779 | 58 |
| 15 | General Building Contractors | 623 | 48 | | | 623 | 59 |
| 446 | Paint Formulating | | | 551 | 46 | 551 | 60 |
| 426 | Glass Manufacturing | 49.5 | 60 | 473 | 48 | 523 | 61 |
| 504 | Construction and Development | 406 | 50 | | | 406 | 62 |
| 454 | Gum And Wood Chemicals Manufacturing | 215 | 55 | 69.5 | 54 | 285 | 63 |
| 82 | Educational Services | 238 | 53 | | | 238 | 64 |
| 65 | Real Estate | 231 | 54 | | | 231 | 65 |
| 465 | Coil Coating | 24.4 | 65 | 191 | 51 | 215 | 66 |
| 46 | Pipelines, Except Natural Gas | 185 | 56 | | | 185 | 67 |
| 79 | Amusement & Recreation Services | 84.1 | 58 | | | 84.1 | 68 |
| 24 | Lumber & Wood Products | 68 | 59 | | | 68 | 69 |
| 91 | Executive, Legislative, & General | 36.9 | 62 | | | 36.9 | 70 |
| 435 | Oil & Gas Extraction | 36.1 | 63 | | | 36.1 | 71 |
| 447 | Ink Formulating | | | 35.4 | 58 | 35.4 | 72 |

Table C-7. Combined Category Rankings by TWPE Excluding Minor Dischargers

| 40 CFR Part or SIC Group | Point Source Category | DMR2008 TWPE | DMR2008 Rank | TRI2008 TWPE | TRI2008 Rank | Total TWPE | Rank |
|---|-----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------|-------------|
| 87 | Engineering & Management Services | 33.9 | 64 | | | 33.9 | 73 |
| 7 | Agricultural Services | | | 32.2 | 59 | 32.2 | 74 |
| 466 | Porcelain Enameling | 7.43 | 70 | 18.5 | 60 | 25.9 | 75 |
| 50 | Wholesale Trade- Durable Goods | 22 | 66 | 1.44 | 63 | 23.4 | 76 |
| 460 | Hospital | 7.53 | 69 | | | 7.53 | 77 |
| 23 | Apparel & Other Textile Products | | | 4.48 | 61 | 4.48 | 78 |
| 47 | Transportation Services | 2.92 | 72 | | | 2.92 | 79 |
| 4959 | Sanitary Services | 2.6 | 73 | | | 2.6 | 80 |
| 51 | Wholesale Trade- Nondurable Goods | 0 | 77 | 2.56 | 62 | 2.56 | 81 |
| 54 | Food Stores | | | 1.12 | 64 | 1.12 | 82 |
| 412 | CAFO | 0.751 | 74 | | | 0.751 | 83 |
| 12 | Coal Mining | | | 0.428 | 65 | 0.428 | 84 |
| 20 | Food & Kindred Products | | | 0.268 | 66 | 0.268 | 85 |
| 459 | Photographic | 0.0328 | 75 | | | 0.0328 | 86 |
| 509 | Photo Processing | 0.0328 | 76 | | | 0.0328 | 87 |
| 73 | Business Services | | | 0.0293 | 68 | 0.0293 | 88 |
| 39 | Misc. Manuf. Industries | | | 0.0281 | 69 | 0.0281 | 89 |