VIA FEDERAL EXPRESS
AM Priority

October 14, 2004

United States Environmental Protection Agency
Region 5
Corrective Action Section, DW-8J
77 West Jackson
Chicago, Illinois 60604

Attention: Ms. Patricia J. Polston, Project Manager
Waste Management Branch

Reference: Quarterly Progress Report (Third Quarter 2004)
Administrative Order on Consent
Vernay Laboratories, Inc.
Yellow Springs, Ohio
Project No. 0292.11.26

Dear Ms. Polston:

The Payne Firm, Inc. (Payne Firm) is pleased to submit, on behalf of Vernay Laboratories, Inc. (Vernay), the attached Progress Report for the Third Quarter 2004, as required by the Administrative Order on Consent (AOC) journalized by the United States Environmental Protection Agency (U.S. EPA) on September 27, 2002.

We understand that the U.S. EPA plans to provide this quarterly progress report on the U.S. EPA's website at www.epa.gov/region5/sites/vernay. The electronic version of this quarterly progress report is also included on a CD-Rom in Appendix I.

Should you have any questions regarding the enclosed document, please contact either of us at (513) 489-2255 or via e-mail at dcc@paynefirm.com or ddw@paynefirm.com.

Sincerely,

The Payne Firm, Inc.

David C. Contant, L.G.
Project Manager

Daniel D. Weed, C.P.G.
Principal

cc: Mr. Doug Fisher – Vernay Laboratories, Inc.
Mr. Joseph Lonardo – Vorys, Sater, Seymour and Pease
Mr. Rob Hillard – Village of Yellow Springs
Ms. Connie Collett – Yellow Springs Community Library

PROGRESS REPORT - THIRD QUARTER 2004
Vernay Laboratories, Inc. RCRA Corrective Action
Yellow Springs, Ohio

A. IDENTIFICATION OF FACILITY AND ACTIVITY

Vernay Laboratories, Inc. (Vernay) agreed to an Administrative Order on Consent (AOC), journalized September 27, 2002, to complete a United States Environmental Protection Agency (U.S. EPA) Resource Conservation and Recovery Act (RCRA) Corrective Action for the Vernay Facility located at 875 Dayton Street in Yellow Springs, Ohio.

B. STATUS OF WORK AT THE FACILITY AND PROGRESS DURING THE QUARTER

The status of the work at the Facility and a summary of the progress made during the quarter are presented below.

1. Phase II RFI Soil Investigation

Phase II of the RCRA Facility Investigation (RFI) consists of completing the determination of the nature and extent of contamination in soil beneath the Facility, an assessment of the fate and transport of contaminants from the Facility in the Cedarville Aquifer, quarterly monitoring, and completion of the baseline human health and ecological risk assessments. As required by Section VI. 14. of the AOC, the Phase II RFI report will be submitted to the U.S. EPA by December 31, 2004.

- Additional soil volatile organic compounds (VOC) analytical data using Update III (U.S. EPA Method 5035) were obtained during the third quarter to determine the nature and extent of contamination in soil on and off the Facility. Additionally, if a saturated sand seam interval(s) was identified in the boring along the perimeter of the Facility, a VOC water sample was also collected consistent with the methodology performed during the Phase I RFI. Additional soil semi-volatile organic compounds (SVOC) data were collected during the Phase II RFI in order to complete the nature and extent characterization in soil on the Facility. Sampling for metals (lead and barium) in a few borings was conducted to support the background metals analysis in soil.
- Survey data are presented on Table 1 from the boring locations installed during the quarter. Analytical results for VOCs, SVOCs and metals data from soil borings installed during the third quarter are summarized on Tables 2, 3, and 4, respectively. Detected concentrations of selected VOC, SVOC and metals data are also presented on Figures 1, 2, and 3, respectively. Electronic copies of the laboratory analytical reports and data validation memoranda are included in Appendix I. A list of data validation qualifiers assigned by the laboratory and/or the Payne Firm is included on Table 8. Boring logs from the third quarter are presented in Appendix II.

2. Baseline Human Health and Ecological Risk Assessment/Fate and Transport Modeling

On completion of the Phase II RFI field activities, an assessment of potential current and reasonably anticipated future risks to human and ecological receptors is being conducted as part of the baseline risk assessment. In support of the risk assessment and the migration of contaminated ground water under control environmental indicator (CA750), fate and transport modeling of Cedarville Aquifer ground water contaminants is being conducted. Results of the risk assessment and the fate and transport modeling will be included in the Phase II RFI report.

3. Human Health Environmental Indicator (CA725) Report

The Environmental Indicators (EI) CA725 Report for the Vernay Facility was submitted on July 14, 2004 to the U.S. EPA, the Village of Yellow Springs and the Yellow Springs Community Library. This submittal included responses to U.S. EPA's June 18, 2004 comments on the draft EI CA 725 Report provided to U.S. EPA on April 9, 2004.

On August 5, 2004, U.S. EPA requested additional information and/or clarification of the responses to their June 18, 2004 comments. Vernay submitted the requested information/ clarification to U.S. EPA on August 24, 2004. Based on subsequent discussions between U.S. EPA and Vernay, Vernay provided a supplemental response on September 23, 2004. Prior to reviewing Vernay's September 23, 2004 supplemental response, the U.S. EPA issued an Approval with Conditions for the EI CA725 on September 23, 2004. Based on Vernay's September 23, 2004 supplemental response, the EI CA725 evaluation is unaffected which concluded that current human exposures are under control according to the provisions of CA725. Final approval of the EI CA725 was completed by the U.S. EPA on September 29, 2004. Correspondence between Vernay and U.S. EPA relating to the CA725 during the third quarter is included in Appendix III.

4. Quarterly Ground Water Monitoring Event

As required by AOC Section VI.13., Vernay completed a ground water monitoring event during the third quarter of 2004. The monitoring event was conducted between July 12, 2004 and July 19, 2004. The objective of the quarterly monitoring program is to collect sufficient data to make the appropriate determinations required by the RCRA Ground Water and Human Health Environmental Indicators, to support the baseline risk assessment, and to evaluate corrective measures including the existing ground water extraction interim measure.

The monitoring network currently consists of 21 monitoring wells (including RW01-05) on the Facility and 32 monitoring wells located off of the Facility, all of which are screened in the upper, middle, or lower portions of the Cedarville Aquifer or within sewer backfill. During this quarterly monitoring event, water samples were collected from all 21 monitoring wells on the Facility property, and from all 32 monitoring wells off of the Facility property. In addition, Vernay sampled one additional monitoring well in the vicinity that was identified during the well survey conducted by Vernay in late 2003/early 2004. The additional well is located north of the Facility at 860 Dayton Street; the monitoring well is screened in the Unconsolidated Unit. Vernay also identified a second monitoring well at 759 Dayton Street screened in the upper portion of the Cedarville Aquifer but was denied access to obtain a sample during the third quarter. A surface water sample was collected and analyzed for VOCs from the storm sewer outfall that discharges to the unnamed creek northeast of the Facility.

The monitoring well network quarterly sampling locations are shown on Figure 4 along with detections of selected VOCs. Concentrations of all VOCs from on- and off-Facility monitoring wells in sewer backfill/outfall and the Cedarville Aquifer are summarized on Tables 5 and 6, respectively. Detected concentrations of VOCs from QA/QC samples are also summarized on Table 7. Electronic copies of the laboratory analytical reports, data validation memoranda and ground water sampling forms are included in Appendix I. A list of data validation qualifiers assigned by the laboratory and/or the Payne Firm is included on Table 8.

5. Monthly Operation and Maintenance Activities

Data associated with the existing ground water interim measure were collected monthly during the third quarter. These data include water level measurements from the Facility monitoring well network and water samples analyzed for VOCs from the ground water treatment systems of the capture zone and the utility tunnel sump. Monthly water level elevations are summarized in Table 9. Potentiometric contour maps generated monthly for the Cedarville Aquifer will be included in the Phase II RFI report.

Water samples collected from the capture zone treatment system included: 1) a sample at each wellhead (CW01-01 and CW01-02); 2) a sample after the first carbon vessel; and 3) a system effluent sample after treatment. Likewise, samples collected from the utility tunnel sump treatment system included: 1) a pre-treatment sample; 2) a sample after the first carbon drum; and 3) a sample after the second carbon drum. The VOC data collected from the two treatment systems are summarized on Tables 10 and 11, respectively. Electronic copies of the laboratory analytical reports are included on a CD-Rom in Appendix I.

Consistent with the regular maintenance of the utility tunnel sump treatment system in Plant 2, both carbon drums were replaced on September 23, 2004.

C. PROBLEMS ENCOUNTERED DURING THE QUARTER

No difficulties were encountered during this quarter.

D. ACTIONS TAKEN TO RECTIFY PROBLEMS

No actions to rectify problems were required this quarter.

E. PROJECT SCHEDULE

Based on the information and recommendations presented in the Phase I RFI report, the following activities are planned for next quarter (Q4-2004).

- On completion of the Phase II RFI field activities, an assessment of potential current and future risks to human and ecological receptors will be conducted as part of the baseline risk assessment. In support of the risk assessment, fate and transport of VOCs in the Cedarville Aquifer will be conducted.
- Consistent with the AOC, the Phase II RFI report will be submitted to the U.S. EPA by December 31, 2004.
- A quarterly monitoring event will be conducted. This will include sampling all monitoring wells and the surface water at the outfall to the unnamed creek.
- Continue monthly monitoring of existing interim measures.
- Commence the evaluation of potential treatability studies for the Corrective Measures Evaluation.

Future SOWs will be based on the project schedule presented on Table 12 and on potential U.S. EPA comments to the Phase I RFI report.

F. TABLE OF CONTENTS

List of Figures

1: Selected VOCs Detected in Soil from the Third Quarter 2004
2: Selected SVOCs Detected in Soil from the Third Quarter 2004
3: Metals (Lead and Barium) detected in Soil from the Third Quarter 2004
4: Third Quarter 2004 Water Sampling Locations and Detected VOCs

List of Tables

1: Survey Information (Q3-2004)
2: Soil VOC Analytical Data (Q3-2004)
3: Soil SVOC Analytical Data (Q3-2004)
4: Soil Metals (Lead and Barium) Analytical Data (Q3-2004)
5: Cedarville Aquifer VOC Data (Q3-2004)
6: Sewer Backfill/Outfall VOC Data (Q3-2004)
7: Aqueous QA/QC VOC Analytical Data (Q3-2004)
8: List of Data Validation Qualifiers
9: Monthly Water Level Measurements (Q3-2004)
10: Ground Water Capture Treatment System (GWCTS) Sampling Results – Detected VOCs
11: Utility Tunnel Sump Water Treatment System (UTSWTS) Sampling Results – Detected VOCs
12: RCRA Corrective Action Project Schedule

List of Appendices

I: CD-Rom Containing Adobe Acrobat® Documents:
A. Third Quarter 2004 Progress Report (excluding laboratory analytical reports)
B. Third Quarter 2004 Laboratory Analytical Reports
C. Third Quarter 2004 Data Validation Memoranda
D. Third Quarter 2004 Ground Water Sampling Forms

II: Boring Logs from the Third Quarter 2004

III: Correspondence between Vernay and U.S. EPA on the Environmental Indicators CA725

FIGURES

LEGEND

- Update III Soil Sample
- Update II Soil Sample
- Storm Sewer
- Storm Sewer Manhole Cover
- Storm Sewer Catch Basin
- Sanitary Sewer
- Sanitary Sewer Manhole Cover
- Sanitary Sewer Sedimentation Structure
- Vernay Facility Boundary

60 30 0 60
Feet

N

VOC SAMPLING INTERVALS
(0-2)
(middle)
(top of rock)
***Other intervals may have been sampled based on HSO results.**

- Additional VOC Update III Soil Samples (Q3-2004)
- VOC water sample have been collected if sand seam(s) encountered.

Results in ug/kg from Selected VOCs:
PCE (tetrachloroethene)
TCE (trichloroethene)
VC (vinyl chloride)
DCP (1,2-dichloropropane)
MC (methylene chloride)
BM (bromomethane)
**** Refer to Table 2 in the Q3-2004 Progress Report for all VOC results**
ND=Not detected above the laboratory reporting limit

GP01-169
(0-2) MC 12B
PCE 10
TCE 0.71J
(10.5-11) MC 250JB
PCE 36J
TCE 1600

GP01-156
(0-2) MC 2.6JB
PCE 44
TCE 9.5
(8-10) MC 120J
PCE 720
TCE 490
(16-17) MC 4.5JB

GP01-172
(0-2) MC 24Bj
(4-6) MC 8.8B
TCE 1.1J
(6-8) DCP 1.8J
MC 9.8B
TCE 27
(10-12) DCP 2.9J
MC 12B
TCE 10

GP01-171
(0-2) MC 17Bj
(8-10) MC 240JB
TCE 490
(17-18) MC 16000JB

GP01-153
(0-2) MC 4.4J
(4-6) ND
(10-11.5) MC 3.4JB

GP01-154
(0-2) MC 5.2J
(6-8) ND
(14-16) ND

GP01-164
(0-2) ND
(4-6) ND
(10-11) ND

GP01-152
(0-2) MC 3.2J
(10-12)
DCP 81
MC 3.3J
PCE 1.2J
TCE 8.6
VC 2.6J
(13.5-15) ND

GP01-030/CONF
(0-2) ND
(10.5-12)
PCE 8.6
TCE 49
(15-15.5)
MC 2.5JB

GP01-155
(0-2) MC 3.6JB
(6-8) DCP 2.5J
TCE 18
(14-16) DCP 280
MC 110J

GP01-158
(0-2) VC 2.4J
(8-10) MC 110J
PCE 3100
TCE 40J
(14-16) ND

GP01-157
(0-2) MC 4.7JB
PCE 4.3J
(8-10)
PCE 32000
TCE 190J
(12-14.5) MC 3.6JB
VC 0.84J

GP01-105/CONF
(0-2) ND
(8-10) PCE 160
TCE 3.2J
(16-17.5) DCP 2.1J

GP01-173
(0-2) MC 12B
TCE 0.59J
(8-10) MC 11B
PCE 18
TCE 2.6J
(16-17) MC 14B

GP01-108/CONF
(0-2) PCE 7.7
(8-10) MC 130JB
PCE 4800
(12-14) MC 130JB
PCE 91J
TCE 2200

GP01-161
(0-2) ND
(10-12) ND
(20-21) ND

GP01-162
(0-2) PCE 140
(8-10) ND
(20-20.9) ND

GP01-160
(0-2) ND
(6-8) ND
(21.5-22.5) ND

GP01-159
(0-2) ND
(8-10.5) ND
(22-23) ND

GP01-163
(0-2) PCE 16
(6-8) MC 160JB
PCE 1400
(14-15) ND

GP01-100/CONF
(0-2) PCE 3.9J
(10-12) PCE 47
TCE 24
VC 11
(14-16) ND
(20.22.4) ND

GP01-098/CONF
(0-2) ND
(10-12) ND
(22-23.8) ND

GP01-104
(0-2) MC 270JB
PCE 480
(10.5-12.5) MC 240JB
PCE 1800
TCE 190J
(22-24) ND

GP02-105
(0-2) TCE 0.45J
(10-12) ND
(21.5-22.5) ND

GP02-101
(0-2) PCE 40
(6-8) MC 200JBuj
PCE 800j
(10.5-12) PCE 1.3J

GP02-102
(0-2) TCE 0.47J
(8-10.5) MC 190JB
PCE 1100
TCE 37J
(22-23.9) ND

GP02-099
(0-2) PCE 0.87J
(13.5-16) ND
(22-23.6) ND

GP02-103
(0-2) PCE 120
TCE 1J
(11-12) PCE 3.2J
(20.5-22) DCP 6
TCE 1.5J

GP02-100
(0-2) PCE 2.5J
(8-10.5) TCE 0.96J
(22-24) ND

GP02-096
(0-2) MC 3.3JB
(4-6) MC 5.4JB
(6-8) MC 5.2JB

GP02-097
(0-2) MC 4.3JB
(4-6) MC 3.9JB
(10-12) MC 4.2JB
(18-20) 5JB

GP02-098
(0-2) MC 4.6JB
(6-7.5) MC 4.5JB
(18-19.8) MC 3.8J
TCE 6.6

GP01-151
(0-2) MC 5.7JB
(8-11GW) VC 0.77J
(11-12)
DCP 1.3J
MC 5.0B
(18.5-20) MC 5.9B

GP01-101/CONF
(0-2) PCE 3.9J
(10-12) PCE 1.5J
TCE 1.1J
(22.23.1) ND

GP01-166
(0-2) PCE 140
TCE 1.9J
(10-12) MC 230B
PCE 2000
TCE 56J
(20-21.2) MC 1.2JB
TCEj

GP01-025/CONF
(0-2) ND
(6-8) PCE 1.7J
TCE 3.1J
(10-12) TCE 6.7J

GP01-093/CONF
(0-2) ND
(6-8) ND
(10-12) DCP 0.89J

GP01-165
(0-2) PCE 29
(6-8) PCE 16
TCE 0.73J
(12-13) MC 180JB
PCE 230J
TCE 840

GP01-096/CONF
(0-2) MC 2.2JB
PCE 2.1J
TCE 2J
(10-12) PCE 240J
TCE 150J
(20-22.2) MC 1.7JB

GP01-091/CONF
(0-2) TCE 0.53J
(8-10) PCE 580
MC 150 JB
(12-14) PCE 13
TCE 5.1

PLANT 2

PLANT 3

825 DAYTON STREET PROPERTY

TITLE	*SELECTED VOCS DETECTED IN SOIL FROM THE THIRD QUARTER 2004*
DATE	10/14/04
FIGURE	1
DRAWN BY	ALH
APPROVED BY	KDK
CLIENT	VERNAY LABORATORIES, INC.
PROJECT NO.	292.11.26

The Payne Firm, Inc.
Environmental Consultants
Cincinnati, Ohio

REFERENCE *Greene County Auditors, Orthophotograph (1998); State Plane Coordinates from Woolpert Surveying, LLP, Dayton, Ohio (NAD83 / NAVD88)*

F:\Data\PFI-MGT\Vernay\GIS\3rd qtr (2004)\Q3-2004 PR Fig 1_Soil VOCs.mxd

LEGEND

- SVOC Soil Sample
- Storm Sewer
- Storm Sewer Manhole Cover
- Storm Sewer Catch Basin
- Sanitary Sewer
- Sanitary Sewer Manhole Cover
- Sanitary Sewer Sedimentation Structure
- Vernay Facility Boundary

70 35 0 70
Feet

N

SVOC SAMPLING INTERVALS
(0-2) unless asphalt, then (2-4)
(first two foot interval in native soil)

- Additional SVOC Soil Samples (Q3-2004)
- VOC water sample may have been collected if sand seam(s) encountered.

Results in ug/kg from Selected SVOCs:
B(a)A [benzo(a)anthrcene]
B(a)P [benzo(a)pyrene]
B(b)F [benzo(b)fluoranthene]
D(a,h)A [diben(a,h)anhracene]
**** Refer to Table 3 in the Q3-2004 Progress Report for all SVOC results**

ND=Not detcted above the laboratory reporting limit

DAYTON STREET

DAYTON STREET

E.FINON

ST NW

ST SE

PLANT 2

PLANT 3

GP01-169
(0-2) ND
(6.5-7.5) ND

GP01-172
(0-2) B(a)A 110J
B(a)P 120J
B(b)F 170J
D(a,h)A 21J
(6.5-8) ND

GP01-156
(0-2) B(a)A 300J
B(a)P 390
B(b)F 600
D(a,h)A 58J
(6.5-8) ND

GP01-170
(0-2) ND
(4-6) ND

GP01-167
(0-2) B(a)A 17J
B(a)P 20J
B(b)F 29J
(5-7) ND

GP02-106
(0-2) ND

GP01-168
(0-2) ND

GP02-077, GP01-108, GP01-107, GP01-048, GP01-106, GP01-088, GP01-087, GP01-112, GP01-137, GP01-113, GP01-114, GP01-043, GP01-049, GP01-105, GP01-136, GP01-042, GP01-120, GP01-041, GP01-100, GP01-079, GP01-139, GP01-085, GP01-086, GP01-050, GP01-099, GP01-068, GP01-017, GP01-027, GP01-051, GP01-104, GP01-140, GP01-138, GP01-064, GP01-066, GP01-065, GP01-026, GP01-097, GP01-098, GP01-063, RW01-06, RW01-04, GP01-116, GP01-018, GP01-102, GP01-122, GP01-103, GP01-101, GP01-044, GP01-119, GP01-045, GP01-052, GP01-123, GP01-067, GP01-062, GP01-025, GP01-053, GP01-115, GP01-040, GP01-019, GP01-069, GP01-144, GP01-061, GP01-060, GP01-070, GP01-071, GP01-072, GP01-148, GP01-096, GP01-080, GP01-020, GP01-121, GP01-039, GP01-024, GP01-059, GP01-046, GP01-021, GP01-095, GP01-034, GP01-118, GP01-047, GP01-074, GP01-058, GP01-057, GP01-056, GP01-054, GP01-022, GP01-073, GP01-094, GP01-146, GP01-147, GP01-093, GP01-023, GP01-055, GP01-117, GP01-091, GP01-090, GP01-092, GP01-077, GP01-078, GP01-076, GP01-030

825 DAYTON STREET PROPERTY

TITLE

SELECTED SVOCS DETECTED IN SOIL FROM THE THIRD QUARTER 2004

DATE	*10/14/04*	FIGURE	*2*
DRAWN BY	*ALH*	APPROVED BY	*KDK*

CLIENT: *VERNAY LABORATORIES, INC.*

PROJECT NO.: *292.11.26*

The Payne Firm, Inc.
Environmental Consultants
Cincinnati, Ohio

REFERENCE: *Greene County Auditors, Orthophotograph (1998); State Plane Coordinates from Woolpert Surveying, LLP, Dayton, Ohio (NAD83 / NAVD88)*

F:\Data\PFI-MGT\Vernay\GIS\3rd qtr (2004)\Q3-2004 PR Fig 2_SVOCs.mxd

LEGEND

- Metals Soil Sample
- Storm Sewer
- Storm Sewer Manhole Cover
- Storm Sewer Catch Basin
- Sanitary Sewer
- Sanitary Sewer Manhole Cover
- Sanitary Sewer Sedimentation Structure
- Vernay Facility Boundary

70 35 0 70
Feet

N

METALS (LEAD/BARIUM) SAMPLING INTERVALS
(0-2) unless asphalt, then (2-4)
(first two foot interval in native soil)

Additional Metals (lead/barium) Soil Samples (Q3-2004)

Results in mg/kg from metals (lead/barium):
Pb [lead]
Ba [barium]
**** Refer to Table 4 in the Q3-2004 Progress Report for all metals results**

ND=Not detcted above the laboratory reporting limit

DAYTON STREET

DAYTON STREET

ELNON

PLANT 2

PLANT 3

825 DAYTON STREET PROPERTY

GP01-170
(0-2) Ba 32.6

GP01-168
(0-2) Pb 7.3

GP02-106
(0-2) Pb 14.1

GP01-041 GP01-042 GP01-043 GP01-044 GP01-045 GP01-046 GP01-047 GP01-054 GP01-112 GP01-113 GP01-114 GP02-077 GP01-087 GP01-088 GP01-089 GP01-093 GP01-105 GP01-100 GP01-079 GP01-128 GP01-099 GP01-142 GP01-017 GP01-050 GP01-143 GP01-068 GP01-027 GP01-104 GP01-051 GP01-026 GP01-097 GP01-098 RW01-06 RW01-04 GP01-116 GP01-102 GP01-122 GP01-103 GP01-101 GP01-052 GP01-025 GP01-053 GP01-115 GP01-069 GP01-144 GP01-067 GP01-145 GP01-072 GP01-071 GP01-096 GP01-080 GP01-020 GP01-039 GP01-024 GP01-021 GP01-095 GP01-074 GP01-022 GP01-073 GP01-094 GP01-131 GP01-117 GP01-091 GP01-090 GP01-092 GP01-030 GP01-108 GP01-124 GP01-125 GP01-107 GP01-048 GP01-127 GP01-106 GP01-049 GP01-064 GP01-066 GP01-065 GP01-063 GP01-062 GP01-061 GP01-060 GP01-135 GP01-134 GP01-121 GP01-133 GP01-059 GP01-132 GP01-034 GP01-072 GP01-078 GP01-076 GP02-091 GP02-088 GP02-089 GP02-090 GP02-035 GP02-034

TITLE	*METALS (LEAD AND BARIUM) DETECTED IN SOIL FROM THE THIRD QUARTER 2004*
DATE *10/14/04*	FIGURE *3*
DRAWN BY *ALH*	APPROVED BY *KDK*
CLIENT	*VERNAY LABORATORIES, INC.*
PROJECT NO.	*292.11.26*

The Payne Firm, Inc.
Environmental Consultants
Cincinnati, Ohio

REFERENCE *Greene County Auditors, Orthophotograph (1998); State Plane Coordinates from Woolpert Surveying, LLP, Dayton, Ohio (NAD83 / NAVD88)*

F:\Data\PFI-MGT\Vernay\GIS\3rd qtr (2004)\Q3-2004 PR Fig 3_Metals.mxd

LEGEND

- Cedarville Aquifer Extraction Well
- Upper Cedarville Aquifer Monitoring Well
- Middle Cedarville Aquifer Monitoring Well (CD)
- Lower Cedarville Aquifer Monitoring Well (SE)
- Unconsolidated Unit Monitoring Well
- Sewer Backfill Monitoring Well
- Surface Water Sampling Location
- Vernay Facility Boundary
- Storm Sewer

200 100 0 200
Feet

N

Results in ug/L from Selected VOCs:
PCE [tetrachloroethene]
TCE [trichloroethene]
VC [vinyl chloride]
**** Refer to Tables 5 & 6 in the Q3-2004 Progress Report for all VOC results**

ND=Not detected above the laboratory reporting limit
J=Estimated result

DAYTON STREET
LIMESTONE STREET
WRIGHT STREET
GREEN STREET
SUNCREST DRIVE
DAYTON ST
EBENON
OMAR CIRCLE
BARBARA STREET
W S COLLEGE STREET
W N COLLEGE STREET
W C COLLEGE STREET
PLANT 3
PLANT 2
CW01-02
CW01-01

ST02-05 PCE 8.0 TCE ND VC ND
MW02-12 PCE 1.0 TCE 1.3 VC ND
MW02-860 Dayton PCE 0.54J TCE 2.9 VC ND
MW01-13 PCE 910 TCE 29 VC ND
MW02-17 PCE 0.65J TCE 1.1 VC ND
MW02-17CD PCE ND TCE ND VC ND
MW02-07 PCE ND TCE ND VC ND
MW02-15CD PCE 4 TCE ND VC ND
MW02-15 PCE 0.47J TCE ND VC ND
MW01-12 PCE 0.54J TCE 2.9 VC ND
MW01-01 PCE ND TCE ND VC ND
MW01-09 PCE 1.1 TCE ND VC ND
MW02-09 PCE 12 TCE 5.7 VC ND
MW01-02SE PCE ND TCE ND VC ND
MW01-02 PCE ND TCE ND VC ND
MW01-05CD PCE 1.2 TCE 1.3 VC ND
MW02-11SE PCE ND TCE ND VC ND
MW02-759 Dayton No Access
MW01-07 PCE ND TCE ND VC ND
MW01-05 PCE 2.4 TCE 1.7 VC ND
MW02-10 PCE 1.7 TCE 0.84J VC ND
MW02-10CD PCE ND TCE ND VC ND
MW01-02CD PCE ND TCE ND VC ND
RW01-05 PCE 7000 TCE 180J VC ND
MW01-11 PCE ND TCE 15 VC ND
MW02-11 PCE ND TCE ND VC ND
MW02-06CD PCE ND TCE ND VC ND
MW01-06 PCE 5.5J TCE 370 VC ND
MW01-10 PCE 700 TCE 27 VC 36
MW02-06 PCE 19 TCE 5.7 VC ND
MW01-08 PCE ND TCE ND VC ND
MW02-08CD PCE 110 TCE 35 VC ND
MW01-14 PCE 340 TCE 28 VC 9J
MW02-08SE PCE ND TCE ND VC ND
MW02-05 PCE ND TCE ND VC ND
MW01-03 PCE 1.0 TCE ND VC ND
MW01-03CD PCE ND TCE ND VC ND
MW01-04SE PCE 0.94J TCE ND VC 0.25J
MW02-16CD PCE ND TCE ND VC ND
MW02-08 PCE 12 TCE 3.8 VC ND
MW01-04 PCE 72 TCE 6.6 VC ND
MW02-05CD PCE ND TCE ND VC ND
MW02-16 PCE 0.54J TCE 0.81J VC ND
MW01-04CD PCE 530 TCE 20 VC ND
MW02-03 PCE 0.75J TCE ND VC ND
MW02-03SE PCE ND TCE ND VC ND
MW02-01 PCE ND TCE ND VC ND
MW02-02 PCE ND TCE ND VC ND
MW02-04 PCE ND TCE ND VC ND
MW02-03CD PCE ND TCE ND VC ND
MW02-18 PCE ND TCE ND VC ND
MW02-04CD PCE ND TCE ND VC ND
MW02-13 PCE 1.1 TCE 2.2 VC ND
MW02-18CD PCE ND TCE ND VC ND
MW02-14 PCE ND TCE ND VC ND
MW02-14CD PCE ND TCE ND VC ND

The Payne Firm, Inc.
Environmental Consultants
Cincinnati, Ohio

DATE	10/14/04
APPROVED BY	KDK
DRAWN BY	ALH
PROJECT NO.	292.11.26
FIGURE NO.	4

CLIENT: VERNAY LABORATORIES, INC.

TITLE: THIRD QUARTER WATER SAMPLING LOCATIONS AND DETECTIONS OF SELECTED VOCS

REFERENCE: Greene County Auditors, Orthophotograph (1998); State Plane Coordinates from Woolpert Surveying, LLP, Dayton, Ohio (NAD83/NAVD88)

E:\Data\PE\MGTV\ernay\GIS\2nd QTR 2004\MONITORING WELL NETWORK.mxd

TABLES

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 1: Survey Information (Q3-2004)

Location ID	Location	Data Type	Easting (X)	Northing (Y)	Surface Grade (feet msl)	Measuring Point (feet msl)
GP01-025	Vernay Plant 2/3 Facility	Geoprobe	1573492.38	659461.30	1026.74	1026.74
GP01-030	Vernay Plant 2/3 Facility	Geoprobe	1573651.92	659239.76	1025.36	1025.36
GP01-091	Vernay Plant 2/3 Facility	Geoprobe	1573805.21	659280.25	1026.90	1026.90
GP01-093	Vernay Plant 2/3 Facility	Geoprobe	1573587.09	659277.15	1025.05	1025.05
GP01-096	Vernay Plant 2/3 Facility	Geoprobe	1573762.71	659441.75	1028.90	1028.90
GP01-098	Vernay Plant 2/3 Facility	Geoprobe	1573788.91	659525.53	1028.90	1028.90
GP01-100	Vernay Plant 2/3 Facility	Geoprobe	1573708.81	659618.87	1028.70	1028.70
GP01-101	Vernay Plant 2/3 Facility	Geoprobe	1573834.30	659496.21	1028.90	1028.90
GP01-105	Vernay Plant 2/3 Facility	Geoprobe	1573670.78	659632.92	1026.29	1026.29
GP01-108	Vernay Plant 2/3 Facility	Geoprobe	1573932.83	659926.62	1023.11	1023.11
GP01-151	Vernay Plant 2/3 Facility	Geoprobe	1573928.80	659561.69	1024.40	1024.40
GP01-152	Vernay Plant 2/3 Facility	Geoprobe	1573620.71	659243.58	1024.80	1024.80
GP01-153	Vernay Plant 2/3 Facility	Geoprobe	1573334.90	659553.92	1027.60	1027.60
GP01-154	Vernay Plant 2/3 Facility	Geoprobe	1573374.63	659564.74	1027.10	1027.10
GP01-155	Vernay Plant 2/3 Facility	Geoprobe	1573354.92	659630.59	1027.50	1027.50
GP01-156	Vernay Plant 2/3 Facility	Geoprobe	1573293.87	659711.30	1027.40	1027.40
GP01-157	Vernay Plant 2/3 Facility	Geoprobe	1573688.07	659747.78	1027.20	1027.20
GP01-158	Vernay Plant 2/3 Facility	Geoprobe	1573721.04	659787.03	1026.30	1026.30
GP01-159	Vernay Plant 2/3 Facility	Geoprobe	1573782.11	659753.75	1027.00	1027.00
GP01-160	Vernay Plant 2/3 Facility	Geoprobe	1573878.82	659784.37	1024.80	1024.80
GP01-161	Vernay Plant 2/3 Facility	Geoprobe	1573870.04	659868.37	1023.40	1023.40
GP01-162	Vernay Plant 2/3 Facility	Geoprobe	1573929.88	659879.01	1022.30	1022.30
GP01-163	Vernay Plant 2/3 Facility	Geoprobe	1573953.01	659928.48	1023.10	1023.10
GP01-164	Vernay Plant 2/3 Facility	Geoprobe	1573483.05	659557.74	1026.20	1026.20
GP01-165	Vernay Plant 2/3 Facility	Geoprobe	1573756.66	659254.33	1026.30	1026.30
GP01-166	Vernay Plant 2/3 Facility	Geoprobe	1573716.51	659342.27	1028.90	1028.90
GP01-167	Vernay Plant 2/3 Facility	Geoprobe	1573327.69	659366.73	1027.20	1027.20
GP01-168	Vernay Plant 2/3 Facility	Geoprobe	1573905.75	659254.00	1027.40	1027.40
GP01-169	Vernay Plant 2/3 Facility	Geoprobe	1573285.43	659743.79	1027.10	1027.10
GP01-170	Vernay Plant 2/3 Facility	Geoprobe	1573016.53	659651.87	1029.60	1029.60
GP01-171	Vernay Plant 2/3 Facility	Geoprobe	1573318.95	659612.07	1028.70	1028.70
GP01-172	Vernay Plant 2/3 Facility	Geoprobe	1573357.23	659721.35	1026.60	1026.60
GP01-173	Vernay Plant 2/3 Facility	Geoprobe	1573720.26	659823.58	1026.20	1026.20
GP02-096	825 Dayton Street	Geoprobe	1573990.88	659552.78	1024.10	1024.10
GP02-097	825 Dayton Street	Geoprobe	1573986.64	659476.66	1024.90	1024.90
GP02-098	825 Dayton Street	Geoprobe	1573976.06	659388.05	1026.20	1026.20
GP02-099	Dayton Street	Geoprobe	1574180.36	660033.39	1022.10	1022.10
GP02-100	Dayton Street	Geoprobe	1574102.33	659998.53	1022.80	1022.80
GP02-101	Dayton Street	Geoprobe	1574065.52	659997.39	1022.70	1022.70
GP02-102	Dayton Street	Geoprobe	1574093.46	660017.35	1022.30	1022.30
GP02-103	Dayton Street	Geoprobe	1573971.45	659969.74	1023.00	1023.00
GP02-104	Dayton Street	Geoprobe	1573928.16	659959.05	1022.90	1022.90
GP02-105	Dayton Street	Geoprobe	1573946.16	659971.80	1022.90	1022.90
GP02-106	825 Dayton Street	Geoprobe	1574018.22	659266.65	1031.10	1031.10

ID = Identification
msl = mean sea level
bgs = below ground surface
State plane coordinates from Woolpert Surveying, LLP., Dayton, Ohio (NAD83/NAVD88).

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 2: Soil and Saturated Sand Seam VOC Analytical Data (Q3-2004)

Sample ID / Depth (feet bgs) Sample Date (yyyy/mm/dd) Sample Medium Reporting Units	GP01-025 / 00-02 CONF 2004/08/24 Soil µg/Kg	GP01-025 / 06-08 CONF DUP 2004/08/24 Soil µg/Kg	GP01-025 / 06-08 CONF 2004/08/24 Soil µg/Kg	GP01-025 / 10-12 CONF 2004/08/24 Soil µg/Kg
1,1,1-TRICHLOROETHANE	< 5.6	< 5	< 5.7	< 7.3
1,1,2,2-TETRACHLOROETHANE	< 5.6	< 5	< 5.7	< 7.3
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 5.6	< 5	< 5.7	< 7.3
1,1,2-TRICHLOROETHANE	< 5.6	< 5	< 5.7	< 7.3
1,1-DICHLOROETHANE	< 5.6	< 5	< 5.7	< 7.3
1,1-DICHLOROETHENE	< 5.6	< 5	< 5.7	< 7.3
1,2,4-TRICHLOROBENZENE	0.6 J B	< 5	< 5.7	< 7.3
1,2-DIBROMO-3-CHLOROPROPANE	< 11	< 10	< 11	< 15
1,2-DIBROMOETHANE	< 5.6	< 5	< 5.7	< 7.3
1,2-DICHLOROBENZENE	< 5.6	< 5	< 5.7	< 7.3
1,2-DICHLOROETHANE	< 5.6	< 5	< 5.7	< 7.3
1,2-DICHLOROPROPANE	< 5.6	< 5	< 5.7	< 7.3
1,3-DICHLOROBENZENE	< 5.6	< 5	< 5.7	< 7.3
1,4-DICHLOROBENZENE	< 5.6	< 5	< 5.7	< 7.3
2-BUTANONE	< 22	< 20	< 23	< 29
2-HEXANONE	< 22	< 20	< 23	< 29
4-METHYL-2-PENTANONE	< 22	< 20	< 23	< 29
ACETONE	< 22	< 20	< 23	< 29
BENZENE	< 5.6	< 5	< 5.7	< 7.3
BROMODICHLOROMETHANE	< 5.6	< 5	< 5.7	< 7.3
BROMOFORM	< 5.6	< 5	< 5.7	< 7.3
BROMOMETHANE	< 5.6	< 5	< 5.7	< 7.3
CARBON DISULFIDE	< 5.6	< 5	< 5.7	< 7.3
CARBON TETRACHLORIDE	< 5.6	< 5	< 5.7	< 7.3
CHLOROBENZENE	< 5.6	< 5	< 5.7	< 7.3
CHLOROETHANE	< 5.6	< 5	< 5.7	< 7.3
CHLOROFORM	< 5.6	< 5	< 5.7	< 7.3
CHLOROMETHANE	< 5.6	< 5	< 5.7	< 7.3
CIS-1,2-DICHLOROETHENE	< 2.8	20	3.3	13
CIS-1,3-DICHLOROPROPENE	< 5.6	< 5	< 5.7	< 7.3
CYCLOHEXANE	< 11	< 10	< 11	< 15
DIBROMOCHLOROMETHANE	< 5.6	< 5	< 5.7	< 7.3
DICHLORODIFLUOROMETHANE	< 5.6	< 5	< 5.7	< 7.3
ETHYLBENZENE	< 5.6	< 5	< 5.7	< 7.3
ISOPROPYLBENZENE	< 5.6	< 5	< 5.7	< 7.3
METHYL ACETATE	< 11	< 10	< 11	< 15
METHYL TERT-BUTYL ETHER	< 22	< 20	< 23	< 29
METHYLCYCLOHEXANE	< 11	< 10	< 11	< 15
METHYLENE CHLORIDE	< 5.6	< 5	< 5.7	< 7.3
STYRENE	< 5.6	< 5	< 5.7	< 7.3
TETRACHLOROETHENE	< 5.6	1.5 J	1.7 J	< 7.3
TOLUENE	< 5.6	< 5	0.38 J	0.45 J
TRANS-1,2-DICHLOROETHENE	< 2.8	1.2 J	< 2.8	0.86 J
TRANS-1,3-DICHLOROPROPENE	< 5.6	< 5	< 5.7	< 7.3
TRICHLOROETHENE	< 5.6	8.9	3.1 J	6.7 J
TRICHLOROFLUOROMETHANE	< 5.6	< 5	< 5.7	< 7.3
VINYL CHLORIDE	< 5.6	1.7 J	< 5.7	< 7.3
XYLENES (TOTAL)	< 5.6	< 5	< 5.7	< 7.3

VOC = Volatile Organic Compounds
ID = Sample Location
CONF = Confirmation Sample
DUP = Duplicate Sample
bgs = below ground surface
µg/kg = micrograms per kilogram
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 2: Soil and Saturated Sand Seam VOC Analytical Data (Q3-2004)

Sample ID / Depth (feet bgs) Sample Date (yyyy/mm/dd) Sample Medium Reporting Units	GP01-030 / 00-02 CONF 2004/08/17 Soil µg/Kg	GP01-030 / 10.5-12 CONF 2004/08/17 Soil µg/Kg	GP01-030 / 15-15.5 CONF 2004/08/17 Soil µg/Kg	GP01-091 / 00-02 CONF 2004/08/24 Soil µg/Kg
1,1,1-TRICHLOROETHANE	< 5.6	< 6.1	< 6.2	< 4.9
1,1,2,2-TETRACHLOROETHANE	< 5.6	< 6.1	< 6.2	< 4.9
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 5.6	< 6.1	< 6.2	< 4.9
1,1,2-TRICHLOROETHANE	< 5.6	< 6.1	< 6.2	< 4.9
1,1-DICHLOROETHANE	< 5.6	< 6.1	< 6.2	< 4.9
1,1-DICHLOROETHENE	< 5.6	< 6.1	< 6.2	< 4.9
1,2,4-TRICHLOROBENZENE	< 5.6	< 6.1	< 6.2	< 4.9
1,2-DIBROMO-3-CHLOROPROPANE	< 11	< 12	< 12	< 9.9
1,2-DIBROMOETHANE	< 5.6	< 6.1	< 6.2	< 4.9
1,2-DICHLOROBENZENE	< 5.6	< 6.1	< 6.2	< 4.9
1,2-DICHLOROETHANE	< 5.6	< 6.1	< 6.2	< 4.9
1,2-DICHLOROPROPANE	< 5.6	< 6.1	< 6.2	< 4.9
1,3-DICHLOROBENZENE	< 5.6	< 6.1	< 6.2	< 4.9
1,4-DICHLOROBENZENE	< 5.6	< 6.1	< 6.2	< 4.9
2-BUTANONE	< 22	< 24	< 25	1.4 J B
2-HEXANONE	< 22	< 24	< 25	< 20
4-METHYL-2-PENTANONE	< 22	< 24	< 25	< 20
ACETONE	< 22	< 24	14 J	5.3 J
BENZENE	< 5.6	< 6.1	< 6.2	< 4.9
BROMODICHLOROMETHANE	< 5.6	< 6.1	< 6.2	< 4.9
BROMOFORM	< 5.6	< 6.1	< 6.2	< 4.9
BROMOMETHANE	< 5.6	< 6.1	< 6.2	< 4.9
CARBON DISULFIDE	< 5.6	< 6.1	< 6.2	< 4.9
CARBON TETRACHLORIDE	< 5.6	< 6.1	< 6.2	< 4.9
CHLOROBENZENE	< 5.6	< 6.1	< 6.2	< 4.9
CHLOROETHANE	< 5.6	< 6.1	< 6.2	< 4.9
CHLOROFORM	< 5.6	< 6.1	< 6.2	< 4.9
CHLOROMETHANE	< 5.6	< 6.1	< 6.2	< 4.9
CIS-1,2-DICHLOROETHENE	< 2.8	38	4.6	7.1
CIS-1,3-DICHLOROPROPENE	< 5.6	< 6.1	< 6.2	< 4.9
CYCLOHEXANE	< 11	< 12	< 12	< 9.9
DIBROMOCHLOROMETHANE	< 5.6	< 6.1	< 6.2	< 4.9
DICHLORODIFLUOROMETHANE	< 5.6	< 6.1	< 6.2	< 4.9
ETHYLBENZENE	< 5.6	< 6.1	< 6.2	< 4.9
ISOPROPYLBENZENE	< 5.6	< 6.1	< 6.2	< 4.9
METHYL ACETATE	< 11	< 12	< 12	< 9.9
METHYL TERT-BUTYL ETHER	< 22	< 24	< 25	< 20
METHYLCYCLOHEXANE	< 11	< 12	< 12	< 9.9
METHYLENE CHLORIDE	< 5.6	< 6.1	3.5 J B	< 4.9
STYRENE	< 5.6	< 6.1	< 6.2	< 4.9
TETRACHLOROETHENE	< 5.6	8.6	< 6.2	< 4.9
TOLUENE	< 5.6	0.37 J	0.87 J	0.29 J
TRANS-1,2-DICHLOROETHENE	< 2.8	< 3	< 3.1	< 2.5
TRANS-1,3-DICHLOROPROPENE	< 5.6	< 6.1	< 6.2	< 4.9
TRICHLOROETHENE	< 5.6	49	< 6.2	0.53 J
TRICHLOROFLUOROMETHANE	< 5.6	< 6.1	< 6.2	< 4.9
VINYL CHLORIDE	< 5.6	< 6.1	< 6.2	< 4.9
XYLENES (TOTAL)	< 5.6	< 6.1	< 6.2	< 4.9

VOC = Volatile Organic Compounds
ID = Sample Location
CONF = Confirmation Sample
DUP = Duplicate Sample
bgs = below ground surface
µg/kg = micrograms per kilogram
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 2: Soil and Saturated Sand Seam VOC Analytical Data (Q3-2004)

Sample ID / Depth (feet bgs) Sample Date (yyyy/mm/dd) Sample Medium Reporting Units	GP01-091 / 08-10 CONF 2004/08/24 Soil µg/Kg	GP01-091 / 12-14 CONF 2004/08/24 Soil µg/Kg	GP01-093 / 00-02 CONF 2004/08/24 Soil µg/Kg	GP01-093 / 06-08 CONF 2004/08/24 Soil µg/Kg	GP01-093 / 10-12 CONF 2004/08/24 Soil µg/Kg
1,1,1-TRICHLOROETHANE	< 230	< 4.9	< 5.3	< 4.9	< 4.8
1,1,2,2-TETRACHLOROETHANE	< 230	< 4.9	< 5.3	< 4.9	< 4.8
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 230	< 4.9	< 5.3	< 4.9	< 4.8
1,1,2-TRICHLOROETHANE	< 230	< 4.9	< 5.3	< 4.9	< 4.8
1,1-DICHLOROETHANE	< 230	< 4.9	< 5.3	< 4.9	< 4.8
1,1-DICHLOROETHENE	< 230	< 4.9	< 5.3	< 4.9	< 4.8
1,2,4-TRICHLOROBENZENE	< 230	< 4.9	0.35 J B	< 4.9	< 4.8
1,2-DIBROMO-3-CHLOROPROPANE	< 470	< 9.9	< 11	< 9.7	< 9.7
1,2-DIBROMOETHANE	< 230	< 4.9	< 5.3	< 4.9	< 4.8
1,2-DICHLOROBENZENE	< 230	< 4.9	< 5.3	< 4.9	< 4.8
1,2-DICHLOROETHANE	< 230	< 4.9	< 5.3	< 4.9	< 4.8
1,2-DICHLOROPROPANE	< 230	< 4.9	< 5.3	< 4.9	0.89 J
1,3-DICHLOROBENZENE	< 230	< 4.9	< 5.3	< 4.9	< 4.8
1,4-DICHLOROBENZENE	< 230	< 4.9	< 5.3	< 4.9	< 4.8
2-BUTANONE	< 930	< 20	< 21	< 19	< 19
2-HEXANONE	< 930	< 20	< 21	< 19	< 19
4-METHYL-2-PENTANONE	< 930	< 20	< 21	< 19	< 19
ACETONE	< 930	< 20	< 21	< 19	< 19
BENZENE	< 230	< 4.9	< 5.3	< 4.9	< 4.8
BROMODICHLOROMETHANE	< 230	< 4.9	< 5.3	< 4.9	< 4.8
BROMOFORM	< 230	< 4.9	< 5.3	< 4.9	< 4.8
BROMOMETHANE	< 230	< 4.9	< 5.3	< 4.9	< 4.8
CARBON DISULFIDE	< 230	< 4.9	< 5.3	< 4.9	< 4.8
CARBON TETRACHLORIDE	< 230	< 4.9	< 5.3	< 4.9	< 4.8
CHLOROBENZENE	< 230	< 4.9	< 5.3	< 4.9	< 4.8
CHLOROETHANE	< 230	< 4.9	< 5.3	< 4.9	< 4.8
CHLOROFORM	< 230	< 4.9	< 5.3	< 4.9	< 4.8
CHLOROMETHANE	< 230	< 4.9	< 5.3	< 4.9	< 4.8
CIS-1,2-DICHLOROETHENE	< 120	< 2.5	< 2.6	< 2.4	< 2.4
CIS-1,3-DICHLOROPROPENE	< 230	< 4.9	< 5.3	< 4.9	< 4.8
CYCLOHEXANE	< 470	< 9.9	< 11	< 9.7	< 9.7
DIBROMOCHLOROMETHANE	< 230	< 4.9	< 5.3	< 4.9	< 4.8
DICHLORODIFLUOROMETHANE	< 230	< 4.9	< 5.3	< 4.9	< 4.8
ETHYLBENZENE	< 230	< 4.9	< 5.3	< 4.9	< 4.8
ISOPROPYLBENZENE	< 230	< 4.9	< 5.3	< 4.9	< 4.8
METHYL ACETATE	< 470	< 9.9	< 11	< 9.7	< 9.7
METHYL TERT-BUTYL ETHER	< 930	< 20	< 21	< 19	< 19
METHYLCYCLOHEXANE	< 470	< 9.9	< 11	< 9.7	< 9.7
METHYLENE CHLORIDE	150 J B	< 4.9	< 5.3	< 4.9	< 4.8
STYRENE	< 230	< 4.9	< 5.3	< 4.9	< 4.8
TETRACHLOROETHENE	580	13	< 5.3	< 4.9	< 4.8
TOLUENE	< 230	< 4.9	< 5.3	0.36 J	0.39 J
TRANS-1,2-DICHLOROETHENE	< 120	< 2.5	< 2.6	< 2.4	< 2.4
TRANS-1,3-DICHLOROPROPENE	< 230	< 4.9	< 5.3	< 4.9	< 4.8
TRICHLOROETHENE	< 230	5.1	< 5.3	< 4.9	< 4.8
TRICHLOROFLUOROMETHANE	< 230	< 4.9	< 5.3	< 4.9	< 4.8
VINYL CHLORIDE	< 230	< 4.9	< 5.3	< 4.9	< 4.8
XYLENES (TOTAL)	< 230	< 4.9	< 5.3	< 4.9	< 4.8

VOC = Volatile Organic Compounds
ID = Sample Location
CONF = Confirmation Sample
DUP = Duplicate Sample
bgs = below ground surface
µg/kg = micrograms per kilogram
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 2: Soil and Saturated Sand Seam VOC Analytical Data (Q3-2004)

Sample ID / Depth (feet bgs) Sample Date (yyyy/mm/dd) Sample Medium Reporting Units	GP01-096 / 00-02 CONF 2004/08/30 Soil µg/Kg	GP01-096 / 10-12 CONF 2004/08/30 Soil µg/Kg	GP01-096 / 20-22.2 CONF DUP 2004/08/30 Soil µg/Kg	GP01-096 / 20-22.2 CONF 2004/08/30 Soil µg/Kg
1,1,1-TRICHLOROETHANE	< 6.1	< 260	< 4.1	< 4.4
1,1,2,2-TETRACHLOROETHANE	< 6.1	< 260	< 4.1	< 4.4
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 6.1	< 260	< 4.1	< 4.4
1,1,2-TRICHLOROETHANE	< 6.1	< 260	< 4.1	< 4.4
1,1-DICHLOROETHANE	< 6.1	< 260	< 4.1	< 4.4
1,1-DICHLOROETHENE	< 6.1	< 260	< 4.1	< 4.4
1,2,4-TRICHLOROBENZENE	< 6.1	< 260	< 4.1	< 4.4
1,2-DIBROMO-3-CHLOROPROPANE	< 12	< 520	< 8.2	< 8.7
1,2-DIBROMOETHANE	< 6.1	< 260	< 4.1	< 4.4
1,2-DICHLOROBENZENE	< 6.1	< 260	< 4.1	< 4.4
1,2-DICHLOROETHANE	< 6.1	< 260	< 4.1	< 4.4
1,2-DICHLOROPROPANE	< 6.1	< 260	< 4.1	< 4.4
1,3-DICHLOROBENZENE	< 6.1	< 260	< 4.1	< 4.4
1,4-DICHLOROBENZENE	< 6.1	< 260	< 4.1	< 4.4
2-BUTANONE	< 25	< 1000	< 16	< 17
2-HEXANONE	< 25	< 1000	< 16	< 17
4-METHYL-2-PENTANONE	< 25	< 1000	< 16	< 17
ACETONE	13 J	< 1000	< 16	< 17
BENZENE	< 6.1	< 260	< 4.1	< 4.4
BROMODICHLOROMETHANE	< 6.1	< 260	< 4.1	< 4.4
BROMOFORM	< 6.1	< 260	< 4.1	< 4.4
BROMOMETHANE	< 6.1	< 260	< 4.1	< 4.4
CARBON DISULFIDE	< 6.1	< 260	< 4.1	< 4.4
CARBON TETRACHLORIDE	< 6.1	< 260	< 4.1	< 4.4
CHLOROBENZENE	< 6.1	< 260	< 4.1	< 4.4
CHLOROETHANE	< 6.1	< 260	< 4.1	< 4.4
CHLOROFORM	< 6.1	< 260	< 4.1	< 4.4
CHLOROMETHANE	< 6.1	< 260	< 4.1	< 4.4
CIS-1,2-DICHLOROETHENE	< 3.1	580	< 2	< 2.2
CIS-1,3-DICHLOROPROPENE	< 6.1	< 260	< 4.1	< 4.4
CYCLOHEXANE	< 12	< 520	< 8.2	< 8.7
DIBROMOCHLOROMETHANE	< 6.1	< 260	< 4.1	< 4.4
DICHLORODIFLUOROMETHANE	< 6.1	< 260	< 4.1	< 4.4
ETHYLBENZENE	0.71 J	< 260	< 4.1	< 4.4
ISOPROPYLBENZENE	< 6.1	< 260	< 4.1	< 4.4
METHYL ACETATE	< 12	< 520	< 8.2	< 8.7
METHYL TERT-BUTYL ETHER	< 25	< 1000	< 16	< 17
METHYLCYCLOHEXANE	< 12	< 520	< 8.2	< 8.7
METHYLENE CHLORIDE	2.2 J B	< 260	< 4.1	1.7 J B
STYRENE	< 6.1	< 260	< 4.1	< 4.4
TETRACHLOROETHENE	2.1 J	240 J	< 4.1	< 4.4
TOLUENE	2.6 J	< 260	1.2 J	1.4 J
TRANS-1,2-DICHLOROETHENE	< 3.1	< 130	< 2	< 2.2
TRANS-1,3-DICHLOROPROPENE	< 6.1	< 260	< 4.1	< 4.4
TRICHLOROETHENE	2 J	150 J	< 4.1	< 4.4
TRICHLOROFLUOROMETHANE	< 6.1	< 260	< 4.1	< 4.4
VINYL CHLORIDE	< 6.1	< 260	< 4.1	< 4.4
XYLENES (TOTAL)	1.7 J	< 260	< 4.1	< 4.4

VOC = Volatile Organic Compounds
ID = Sample Location
CONF = Confirmation Sample
DUP = Duplicate Sample
bgs = below ground surface
µg/kg = micrograms per kilogram
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 2: Soil and Saturated Sand Seam VOC Analytical Data (Q3-2004)

Sample ID / Depth (feet bgs) Sample Date (yyyy/mm/dd) Sample Medium Reporting Units	GP01-098 / 00-02 CONF 2004/08/30 Soil µg/Kg	GP01-098 / 10-12 CONF 2004/08/30 Soil µg/Kg	GP01-098 / 22-23.8 CONF 2004/08/30 Soil µg/Kg	GP01-100 / 00-02 CONF 2004/08/30 Soil µg/Kg
1,1,1-TRICHLOROETHANE	< 6.5	< 4.7	< 3.9	< 6.7
1,1,2,2-TETRACHLOROETHANE	< 6.5	< 4.7	< 3.9	< 6.7
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 6.5	< 4.7	< 3.9	< 6.7
1,1,2-TRICHLOROETHANE	< 6.5	< 4.7	< 3.9	< 6.7
1,1-DICHLOROETHANE	< 6.5	< 4.7	< 3.9	< 6.7
1,1-DICHLOROETHENE	< 6.5	< 4.7	< 3.9	< 6.7
1,2,4-TRICHLOROBENZENE	< 6.5	< 4.7	< 3.9	< 6.7
1,2-DIBROMO-3-CHLOROPROPANE	< 13	< 9.3	< 7.8	< 13
1,2-DIBROMOETHANE	< 6.5	< 4.7	< 3.9	< 6.7
1,2-DICHLOROBENZENE	< 6.5	7.2	< 3.9	< 6.7
1,2-DICHLOROETHANE	< 6.5	< 4.7	< 3.9	< 6.7
1,2-DICHLOROPROPANE	< 6.5	< 4.7	< 3.9	< 6.7
1,3-DICHLOROBENZENE	< 6.5	< 4.7	< 3.9	< 6.7
1,4-DICHLOROBENZENE	< 6.5	< 4.7	< 3.9	< 6.7
2-BUTANONE	< 26	< 19	< 16	< 27
2-HEXANONE	< 26	< 19	< 16	< 27
4-METHYL-2-PENTANONE	< 26	< 19	< 16	< 27
ACETONE	7.7 J	35	16	< 27
BENZENE	0.42 J	0.31 J	< 3.9	< 6.7
BROMODICHLOROMETHANE	< 6.5	< 4.7	< 3.9	< 6.7
BROMOFORM	< 6.5	< 4.7	< 3.9	< 6.7
BROMOMETHANE	< 6.5	< 4.7	< 3.9	< 6.7
CARBON DISULFIDE	< 6.5	< 4.7	< 3.9	< 6.7
CARBON TETRACHLORIDE	< 6.5	< 4.7	< 3.9	< 6.7
CHLOROBENZENE	< 6.5	< 4.7	< 3.9	< 6.7
CHLOROETHANE	< 6.5	< 4.7	< 3.9	< 6.7
CHLOROFORM	< 6.5	< 4.7	< 3.9	< 6.7
CHLOROMETHANE	< 6.5	< 4.7	< 3.9	< 6.7
CIS-1,2-DICHLOROETHENE	< 3.3	< 2.3	< 1.9	< 3.3
CIS-1,3-DICHLOROPROPENE	< 6.5	< 4.7	< 3.9	< 6.7
CYCLOHEXANE	< 13	< 9.3	< 7.8	< 13
DIBROMOCHLOROMETHANE	< 6.5	< 4.7	< 3.9	< 6.7
DICHLORODIFLUOROMETHANE	< 6.5	< 4.7	< 3.9	< 6.7
ETHYLBENZENE	< 6.5	0.6 J	< 3.9	< 6.7
ISOPROPYLBENZENE	< 6.5	0.99 J	< 3.9	< 6.7
METHYL ACETATE	< 13	< 9.3	< 7.8	< 13
METHYL TERT-BUTYL ETHER	< 26	< 19	< 16	< 27
METHYLCYCLOHEXANE	< 13	< 9.3	< 7.8	< 13
METHYLENE CHLORIDE	< 6.5	< 4.7	< 3.9	< 6.7
STYRENE	< 6.5	< 4.7	< 3.9	< 6.7
TETRACHLOROETHENE	< 6.5	< 4.7	< 3.9	3.9 J
TOLUENE	1.9 J	2.3 J	0.66 J	0.83 J
TRANS-1,2-DICHLOROETHENE	< 3.3	< 2.3	< 1.9	< 3.3
TRANS-1,3-DICHLOROPROPENE	< 6.5	< 4.7	< 3.9	< 6.7
TRICHLOROETHENE	< 6.5	< 4.7	< 3.9	< 6.7
TRICHLOROFLUOROMETHANE	< 6.5	< 4.7	< 3.9	< 6.7
VINYL CHLORIDE	< 6.5	< 4.7	< 3.9	< 6.7
XYLENES (TOTAL)	< 6.5	3.4 J	< 3.9	< 6.7

VOC = Volatile Organic Compounds
ID = Sample Location
CONF = Confirmation Sample
DUP = Duplicate Sample
bgs = below ground surface
µg/kg = micrograms per kilogram
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 2: Soil and Saturated Sand Seam VOC Analytical Data (Q3-2004)

Sample ID / Depth (feet bgs) Sample Date (yyyy/mm/dd) Sample Medium Reporting Units	GP01-100 / 10-12 CONF 2004/08/30 Soil µg/Kg	GP01-100 / 14-16 CONF 2004/08/30 Soil µg/Kg	GP01-100 / 20-22.4 CONF 2004/08/30 Soil µg/Kg	GP01-101 / 00-02 CONF 2004/08/30 Soil µg/Kg
1,1,1-TRICHLOROETHANE	< 4.8	< 5.1	< 4.2	< 4.8
1,1,2,2-TETRACHLOROETHANE	< 4.8	< 5.1	< 4.2	< 4.8
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.7 J	< 5.1	< 4.2	< 4.8
1,1,2-TRICHLOROETHANE	< 4.8	< 5.1	< 4.2	< 4.8
1,1-DICHLOROETHANE	0.41 J	< 5.1	< 4.2	< 4.8
1,1-DICHLOROETHENE	< 4.8	< 5.1	< 4.2	< 4.8
1,2,4-TRICHLOROBENZENE	< 4.8	< 5.1	< 4.2	< 4.8
1,2-DIBROMO-3-CHLOROPROPANE	< 9.5	< 10	< 8.4	< 9.6
1,2-DIBROMOETHANE	< 4.8	< 5.1	< 4.2	< 4.8
1,2-DICHLOROBENZENE	< 4.8	< 5.1	< 4.2	< 4.8
1,2-DICHLOROETHANE	< 4.8	< 5.1	< 4.2	< 4.8
1,2-DICHLOROPROPANE	< 4.8	< 5.1	< 4.2	< 4.8
1,3-DICHLOROBENZENE	< 4.8	< 5.1	< 4.2	< 4.8
1,4-DICHLOROBENZENE	< 4.8	< 5.1	< 4.2	< 4.8
2-BUTANONE	< 19	< 20	< 17	< 19
2-HEXANONE	< 19	< 20	< 17	< 19
4-METHYL-2-PENTANONE	< 19	< 20	< 17	< 19
ACETONE	< 19	4.7 J	< 17	< 19
BENZENE	< 4.8	< 5.1	< 4.2	0.42 J
BROMODICHLOROMETHANE	< 4.8	< 5.1	< 4.2	< 4.8
BROMOFORM	< 4.8	< 5.1	< 4.2	< 4.8
BROMOMETHANE	< 4.8	< 5.1	< 4.2	< 4.8
CARBON DISULFIDE	< 4.8	< 5.1	< 4.2	< 4.8
CARBON TETRACHLORIDE	< 4.8	< 5.1	< 4.2	< 4.8
CHLOROBENZENE	< 4.8	< 5.1	< 4.2	< 4.8
CHLOROETHANE	< 4.8	< 5.1	< 4.2	< 4.8
CHLOROFORM	< 4.8	< 5.1	< 4.2	< 4.8
CHLOROMETHANE	< 4.8	< 5.1	< 4.2	< 4.8
CIS-1,2-DICHLOROETHENE	11	< 2.5	< 2.1	< 2.4
CIS-1,3-DICHLOROPROPENE	< 4.8	< 5.1	< 4.2	< 4.8
CYCLOHEXANE	< 9.5	< 10	< 8.4	< 9.6
DIBROMOCHLOROMETHANE	< 4.8	< 5.1	< 4.2	< 4.8
DICHLORODIFLUOROMETHANE	< 4.8	< 5.1	< 4.2	< 4.8
ETHYLBENZENE	< 4.8	< 5.1	< 4.2	< 4.8
ISOPROPYLBENZENE	1.3 J	< 5.1	< 4.2	< 4.8
METHYL ACETATE	< 9.5	< 10	< 8.4	< 9.6
METHYL TERT-BUTYL ETHER	< 19	< 20	< 17	< 19
METHYLCYCLOHEXANE	< 9.5	< 10	< 8.4	0.62 J
METHYLENE CHLORIDE	< 4.8	< 5.1	< 4.2	< 4.8
STYRENE	< 4.8	< 5.1	< 4.2	< 4.8
TETRACHLOROETHENE	47	< 5.1	< 4.2	3.9 J
TOLUENE	0.79 J	0.59 J	0.76 J	2.5 J
TRANS-1,2-DICHLOROETHENE	0.71 J	< 2.5	< 2.1	< 2.4
TRANS-1,3-DICHLOROPROPENE	< 4.8	< 5.1	< 4.2	< 4.8
TRICHLOROETHENE	24	< 5.1	< 4.2	< 4.8
TRICHLOROFLUOROMETHANE	< 4.8	< 5.1	< 4.2	< 4.8
VINYL CHLORIDE	11	< 5.1	< 4.2	< 4.8
XYLENES (TOTAL)	< 4.8	< 5.1	< 4.2	< 4.8

VOC = Volatile Organic Compounds
ID = Sample Location
CONF = Confirmation Sample
DUP = Duplicate Sample
bgs = below ground surface
µg/kg = micrograms per kilogram
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 2: Soil and Saturated Sand Seam VOC Analytical Data (Q3-2004)

Sample ID / Depth (feet bgs) Sample Date (yyyy/mm/dd) Sample Medium Reporting Units	GP01-101 / 10-12 CONF 2004/08/30 Soil µg/Kg	GP01-101 / 22-23.1 CONF 2004/08/30 Soil µg/Kg	GP01-105 / 00-02 CONF 2004/08/24 Soil µg/Kg	GP01-105 / 08-10 CONF DUP 2004/08/24 Soil µg/Kg	GP01-105 / 08-10 CONF 2004/08/24 Soil µg/Kg
1,1,1-TRICHLOROETHANE	< 4.8	< 4.6	< 5.1	< 220	< 4.5
1,1,2,2-TETRACHLOROETHANE	< 4.8	< 4.6	< 5.1	< 220	< 4.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 4.8	< 4.6	< 5.1	< 220	1.2 J
1,1,2-TRICHLOROETHANE	< 4.8	< 4.6	< 5.1	< 220	< 4.5
1,1-DICHLOROETHANE	1.2 J	< 4.6	< 5.1	< 220	< 4.5
1,1-DICHLOROETHENE	< 4.8	< 4.6	< 5.1	< 220	< 4.5
1,2,4-TRICHLOROBENZENE	< 4.8	< 4.6	< 5.1	< 220	< 4.5
1,2-DIBROMO-3-CHLOROPROPANE	< 9.5	< 9.1	< 10	< 440	< 9
1,2-DIBROMOETHANE	< 4.8	< 4.6	< 5.1	< 220	< 4.5
1,2-DICHLOROBENZENE	< 4.8	< 4.6	< 5.1	< 220	< 4.5
1,2-DICHLOROETHANE	< 4.8	< 4.6	< 5.1	< 220	< 4.5
1,2-DICHLOROPROPANE	< 4.8	< 4.6	< 5.1	< 220	< 4.5
1,3-DICHLOROBENZENE	< 4.8	< 4.6	< 5.1	< 220	< 4.5
1,4-DICHLOROBENZENE	< 4.8	< 4.6	< 5.1	< 220	< 4.5
2-BUTANONE	< 19	< 18	< 20	< 890	< 18
2-HEXANONE	< 19	< 18	< 20	< 890	< 18
4-METHYL-2-PENTANONE	< 19	< 18	< 20	< 890	1 J
ACETONE	26	14 J	< 20	< 890	< 18
BENZENE	0.41 J	< 4.6	< 5.1	< 220	< 4.5
BROMODICHLOROMETHANE	< 4.8	< 4.6	< 5.1	< 220	< 4.5
BROMOFORM	< 4.8	< 4.6	< 5.1	< 220	< 4.5
BROMOMETHANE	< 4.8	< 4.6	< 5.1	< 220	< 4.5
CARBON DISULFIDE	< 4.8	< 4.6	< 5.1	< 220	< 4.5
CARBON TETRACHLORIDE	< 4.8	< 4.6	< 5.1	< 220	< 4.5
CHLOROBENZENE	< 4.8	< 4.6	< 5.1	< 220	< 4.5
CHLOROETHANE	< 4.8	< 4.6	< 5.1	< 220	< 4.5
CHLOROFORM	< 4.8	< 4.6	< 5.1	< 220	< 4.5
CHLOROMETHANE	< 4.8	< 4.6	< 5.1	< 220	< 4.5
CIS-1,2-DICHLOROETHENE	1 J	< 2.3	< 2.5	< 110	2.3
CIS-1,3-DICHLOROPROPENE	< 4.8	< 4.6	< 5.1	< 220	< 4.5
CYCLOHEXANE	< 9.5	< 9.1	< 10	< 440	< 9
DIBROMOCHLOROMETHANE	< 4.8	< 4.6	< 5.1	< 220	< 4.5
DICHLORODIFLUOROMETHANE	< 4.8	< 4.6	< 5.1	< 220	< 4.5
ETHYLBENZENE	< 4.8	< 4.6	< 5.1	< 220	< 4.5
ISOPROPYLBENZENE	1.5 J	< 4.6	< 5.1	< 220	< 4.5
METHYL ACETATE	< 9.5	< 9.1	< 10	< 440	< 9
METHYL TERT-BUTYL ETHER	< 19	< 18	< 20	< 890	< 18
METHYLCYCLOHEXANE	< 9.5	< 9.1	< 10	< 440	< 9
METHYLENE CHLORIDE	< 4.8	< 4.6	< 5.1	140 J B	< 4.5
STYRENE	< 4.8	< 4.6	< 5.1	< 220	< 4.5
TETRACHLOROETHENE	1.5 J	< 4.6	< 5.1	430	160
TOLUENE	1.1 J	0.56 J	< 5.1	< 220	0.36 J
TRANS-1,2-DICHLOROETHENE	0.8 J	< 2.3	< 2.5	< 110	< 2.2
TRANS-1,3-DICHLOROPROPENE	< 4.8	< 4.6	< 5.1	< 220	< 4.5
TRICHLOROETHENE	1.1 J	< 4.6	< 5.1	< 220	3.2 J
TRICHLOROFLUOROMETHANE	< 4.8	< 4.6	< 5.1	< 220	< 4.5
VINYL CHLORIDE	< 4.8	< 4.6	< 5.1	< 220	< 4.5
XYLENES (TOTAL)	< 4.8	< 4.6	< 5.1	< 220	< 4.5

VOC = Volatile Organic Compounds
ID = Sample Location
CONF = Confirmation Sample
DUP = Duplicate Sample
bgs = below ground surface
µg/kg = micrograms per kilogram
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 2: Soil and Saturated Sand Seam VOC Analytical Data (Q3-2004)

Sample ID / Depth (feet bgs) Sample Date (yyyy/mm/dd) Sample Medium Reporting Units	GP01-105 / 16-17.5 CONF 2004/08/24 Soil µg/Kg	GP01-108 / 00-02 CONF 2004/08/23 Soil µg/Kg	GP01-108 / 08-10 CONF 2004/08/23 Soil µg/Kg	GP01-108 / 12-14 CONF 2004/08/23 Soil µg/Kg	GP01-151 / 00-02 2004/08/16 Soil µg/Kg
1,1,1-TRICHLOROETHANE	< 3.9	< 7.5	< 200	< 210	< 6.3
1,1,2,2-TETRACHLOROETHANE	< 3.9	< 7.5	< 200	< 210	< 6.3
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 3.9	< 7.5	< 200	< 210	< 6.3
1,1,2-TRICHLOROETHANE	< 3.9	< 7.5	< 200	< 210	< 6.3
1,1-DICHLOROETHANE	< 3.9	< 7.5	< 200	< 210	< 6.3
1,1-DICHLOROETHENE	< 3.9	< 7.5	< 200	< 210	< 6.3
1,2,4-TRICHLOROBENZENE	< 3.9	< 7.5	< 200	< 210	< 6.3
1,2-DIBROMO-3-CHLOROPROPANE	< 7.8	< 15	< 400	< 420	< 13
1,2-DIBROMOETHANE	< 3.9	< 7.5	< 200	< 210	< 6.3
1,2-DICHLOROBENZENE	< 3.9	< 7.5	< 200	< 210	< 6.3
1,2-DICHLOROETHANE	< 3.9	< 7.5	< 200	< 210	< 6.3
1,2-DICHLOROPROPANE	2.1 J	< 7.5	< 200	< 210	< 6.3
1,3-DICHLOROBENZENE	< 3.9	< 7.5	< 200	< 210	< 6.3
1,4-DICHLOROBENZENE	< 3.9	< 7.5	< 200	< 210	< 6.3
2-BUTANONE	< 16	< 30	< 790	< 850	< 25
2-HEXANONE	< 16	< 30	< 790	< 850	< 25
4-METHYL-2-PENTANONE	< 16	< 30	< 790	< 850	< 25
ACETONE	< 16	< 30	< 790	< 850	< 25
BENZENE	< 3.9	< 7.5	< 200	< 210	< 6.3
BROMODICHLOROMETHANE	< 3.9	< 7.5	< 200	< 210	< 6.3
BROMOFORM	< 3.9	< 7.5	< 200	< 210	< 6.3
BROMOMETHANE	< 3.9	< 7.5	< 200	< 210	< 6.3
CARBON DISULFIDE	< 3.9	< 7.5	< 200	< 210	< 6.3
CARBON TETRACHLORIDE	< 3.9	< 7.5	< 200	< 210	< 6.3
CHLOROBENZENE	< 3.9	< 7.5	< 200	< 210	< 6.3
CHLOROETHANE	< 3.9	< 7.5	< 200	< 210	< 6.3
CHLOROFORM	< 3.9	< 7.5	< 200	< 210	< 6.3
CHLOROMETHANE	< 3.9	< 7.5	< 200	< 210	< 6.3
CIS-1,2-DICHLOROETHENE	< 2	< 3.7	< 99	< 110	< 3.2
CIS-1,3-DICHLOROPROPENE	< 3.9	< 7.5	< 200	< 210	< 6.3
CYCLOHEXANE	< 7.8	< 15	< 400	< 420	< 13
DIBROMOCHLOROMETHANE	< 3.9	< 7.5	< 200	< 210	< 6.3
DICHLORODIFLUOROMETHANE	< 3.9	< 7.5	< 200	< 210	< 6.3
ETHYLBENZENE	< 3.9	< 7.5	< 200	< 210	< 6.3
ISOPROPYLBENZENE	< 3.9	< 7.5	< 200	< 210	< 6.3
METHYL ACETATE	< 7.8	< 15	< 400	56 J B	< 13
METHYL TERT-BUTYL ETHER	< 16	< 30	< 790	< 850	< 25
METHYLCYCLOHEXANE	< 7.8	< 15	< 400	< 420	< 13
METHYLENE CHLORIDE	< 3.9	< 7.5	130 J B	130 J B	5.7 J B
STYRENE	< 3.9	< 7.5	< 200	< 210	< 6.3
TETRACHLOROETHENE	< 3.9	7.7	4800	91 J	< 6.3
TOLUENE	< 3.9	< 7.5	< 200	< 210	1.6 J
TRANS-1,2-DICHLOROETHENE	< 2	< 3.7	< 99	< 110	< 3.2
TRANS-1,3-DICHLOROPROPENE	< 3.9	< 7.5	< 200	< 210	< 6.3
TRICHLOROETHENE	< 3.9	< 7.5	< 200	2200	< 6.3
TRICHLOROFLUOROMETHANE	< 3.9	< 7.5	< 200	< 210	< 6.3
VINYL CHLORIDE	< 3.9	< 7.5	< 200	< 210	< 6.3
XYLENES (TOTAL)	< 3.9	< 7.5	< 200	< 210	< 6.3

VOC = Volatile Organic Compounds
ID = Sample Location
CONF = Confirmation Sample
DUP = Duplicate Sample
bgs = below ground surface
µg/kg = micrograms per kilogram
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 2: Soil and Saturated Sand Seam VOC Analytical Data (Q3-2004)

Sample ID / Depth (feet bgs) Sample Date (yyyy/mm/dd) Sample Medium Reporting Units	GP01-151 / 08-11 GW 2004/08/16 Sand Seam µg/L	GP01-151 / 11-12 2004/08/16 Soil µg/Kg	GP01-151 / 18.5-20 2004/08/16 Soil µg/Kg	GP01-152 / 00-02 2004/08/17 Soil µg/Kg	GP01-152 / 10-12 2004/08/17 Soil µg/Kg	GP01-152 / 13.5-15 2004/08/17 Soil µg/Kg
1,1,1-TRICHLOROETHANE	< 1	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
1,1,2,2-TETRACHLOROETHANE	< 1	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	7.5	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
1,1,2-TRICHLOROETHANE	< 1	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
1,1-DICHLOROETHANE	< 1	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
1,1-DICHLOROETHENE	< 1	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
1,2,4-TRICHLOROBENZENE	< 1	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 9.9	< 9.9	< 16	< 9.2	< 12
1,2-DIBROMOETHANE	< 1	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
1,2-DICHLOROBENZENE	< 1	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
1,2-DICHLOROETHANE	< 1	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
1,2-DICHLOROPROPANE	< 1	1.3 J	< 4.9	< 7.8	81	< 5.9
1,3-DICHLOROBENZENE	< 1	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
1,4-DICHLOROBENZENE	< 1	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
2-BUTANONE	0.99 J	< 20	< 20	< 31	< 18	2 J
2-HEXANONE	< 10	< 20	< 20	< 31	< 18	< 24
4-METHYL-2-PENTANONE	< 10	< 20	< 20	< 31	< 18	< 24
ACETONE	5.8 J	< 20	5.9 J	< 31	< 18	11 J
BENZENE	1.4 B	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
BROMODICHLOROMETHANE	< 1	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
BROMOFORM	< 1	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
BROMOMETHANE	< 1	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
CARBON DISULFIDE	< 1	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
CARBON TETRACHLORIDE	< 1	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
CHLOROBENZENE	< 1	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
CHLOROETHANE	< 1	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
CHLOROFORM	< 1	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
CHLOROMETHANE	< 1	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
CIS-1,2-DICHLOROETHENE	0.27 J	< 2.5	< 2.5	< 3.9	35	< 3
CIS-1,3-DICHLOROPROPENE	< 1	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
CYCLOHEXANE	1.2	< 9.9	< 9.9	< 16	< 9.2	< 12
DIBROMOCHLOROMETHANE	< 1	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
DICHLORODIFLUOROMETHANE	< 1	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
ETHYLBENZENE	0.92 J	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
ISOPROPYLBENZENE	< 1	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
METHYL ACETATE	< 10	< 9.9	< 9.9	< 16	< 9.2	< 12
METHYL TERT-BUTYL ETHER	< 5	< 20	< 20	< 31	< 18	< 24
METHYLCYCLOHEXANE	1.4 B	< 9.9	< 9.9	< 16	< 9.2	< 12
METHYLENE CHLORIDE	< 1	5 B	5.9 B	3.2 J	3.3 J	< 5.9
STYRENE	< 1	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
TETRACHLOROETHENE	< 1	< 4.9	< 4.9	< 7.8	1.2 J	< 5.9
TOLUENE	4.1	1.5 J	1.7 J	0.52 J	0.34 J	0.71 J
TRANS-1,2-DICHLOROETHENE	< 0.5	< 2.5	< 2.5	< 3.9	1.5 J	< 3
TRANS-1,3-DICHLOROPROPENE	< 1	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
TRICHLOROETHENE	< 1	< 4.9	< 4.9	< 7.8	8.6	< 5.9
TRICHLOROFLUOROMETHANE	< 1	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9
VINYL CHLORIDE	0.77 J	< 4.9	< 4.9	< 7.8	2.6 J	< 5.9
XYLENES (TOTAL)	3.7	< 4.9	< 4.9	< 7.8	< 4.6	< 5.9

VOC = Volatile Organic Compounds
ID = Sample Location
CONF = Confirmation Sample
DUP = Duplicate Sample
bgs = below ground surface
µg/kg = micrograms per kilogram
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 2: Soil and Saturated Sand Seam VOC Analytical Data (Q3-2004)

Sample ID / Depth (feet bgs) Sample Date (yyyy/mm/dd) Sample Medium Reporting Units	GP01-153 / 00-02 2004/08/17 Soil µg/Kg	GP01-153 / 04-06 2004/08/17 Soil µg/Kg	GP01-153 / 10-11.5 2004/08/17 Soil µg/Kg	GP01-154 / 00-02 2004/08/17 Soil µg/Kg	GP01-154 / 06-08 2004/08/17 Soil µg/Kg	GP01-154 / 14-16 2004/08/17 Soil µg/Kg	GP01-155 / 00-02 2004/08/17 Soil µg/Kg
1,1,1-TRICHLOROETHANE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
1,1,2,2-TETRACHLOROETHANE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
1,1,2-TRICHLOROETHANE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
1,1-DICHLOROETHANE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
1,1-DICHLOROETHENE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
1,2,4-TRICHLOROBENZENE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
1,2-DIBROMO-3-CHLOROPROPANE	< 14	< 12	< 11	< 15	< 26	< 11	< 14
1,2-DIBROMOETHANE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
1,2-DICHLOROBENZENE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
1,2-DICHLOROETHANE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
1,2-DICHLOROPROPANE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
1,3-DICHLOROBENZENE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
1,4-DICHLOROBENZENE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
2-BUTANONE	< 28	< 25	< 22	12 J	5.6 J	2 J	< 28
2-HEXANONE	< 28	< 25	< 22	< 30	< 52	< 22	< 28
4-METHYL-2-PENTANONE	< 28	< 25	< 22	< 30	< 52	< 22	0.86 J
ACETONE	< 28	< 25	< 22	50	27 J	9.5 J	< 28
BENZENE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
BROMODICHLOROMETHANE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
BROMOFORM	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
BROMOMETHANE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
CARBON DISULFIDE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
CARBON TETRACHLORIDE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
CHLOROBENZENE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
CHLOROETHANE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
CHLOROFORM	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
CHLOROMETHANE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
CIS-1,2-DICHLOROETHENE	< 3.5	< 3.1	< 2.8	< 3.7	< 6.5	< 2.7	< 3.5
CIS-1,3-DICHLOROPROPENE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
CYCLOHEXANE	< 14	< 12	< 11	< 15	< 26	< 11	< 14
DIBROMOCHLOROMETHANE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
DICHLORODIFLUOROMETHANE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
ETHYLBENZENE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
ISOPROPYLBENZENE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
METHYL ACETATE	< 14	< 12	< 11	< 15	< 26	< 11	< 14
METHYL TERT-BUTYL ETHER	< 28	< 25	< 22	< 30	< 52	< 22	< 28
METHYLCYCLOHEXANE	< 14	< 12	< 11	< 15	< 26	< 11	< 14
METHYLENE CHLORIDE	4.4 J	< 6.2	3.4 J B	5.2 J	< 13	< 5.5	3.6 J B
STYRENE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
TETRACHLOROETHENE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
TOLUENE	0.48 J	< 6.2	0.41 J	0.58 J	< 13	< 5.5	< 7
TRANS-1,2-DICHLOROETHENE	< 3.5	< 3.1	< 2.8	< 3.7	< 6.5	< 2.7	< 3.5
TRANS-1,3-DICHLOROPROPENE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
TRICHLOROETHENE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
TRICHLOROFLUOROMETHANE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
VINYL CHLORIDE	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7
XYLENES (TOTAL)	< 7	< 6.2	< 5.6	< 7.5	< 13	< 5.5	< 7

VOC = Volatile Organic Compounds
ID = Sample Location
CONF = Confirmation Sample
DUP = Duplicate Sample
bgs = below ground surface
µg/kg = micrograms per kilogram
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 2: Soil and Saturated Sand Seam VOC Analytical Data (Q3-2004)

Sample ID / Depth (feet bgs) Sample Date (yyyy/mm/dd) Sample Medium Reporting Units	GP01-155 / 06-08 2004/08/17 Soil µg/Kg	GP01-155 / 14-16 2004/08/17 Soil µg/Kg	GP01-156 / 00-02 2004/08/17 Soil µg/Kg	GP01-156 / 08-10 2004/08/17 Soil µg/Kg	GP01-156 / 16-17 2004/08/17 Soil µg/Kg	GP01-157 / 00-02 2004/08/17 Soil µg/Kg	GP01-157 / 08-10 DUP 2004/08/17 Soil µg/Kg
1,1,1-TRICHLOROETHANE	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
1,1,2,2-TETRACHLOROETHANE	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
1,1,2-TRICHLOROETHANE	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
1,1-DICHLOROETHANE	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
1,1-DICHLOROETHENE	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
1,2,4-TRICHLOROBENZENE	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
1,2-DIBROMO-3-CHLOROPROPANE	< 12	< 560	< 7.9	< 590	< 12	< 16	< 1300
1,2-DIBROMOETHANE	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
1,2-DICHLOROBENZENE	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
1,2-DICHLOROETHANE	< 6	120 J	< 4	< 290	< 6.1	< 7.9	< 630
1,2-DICHLOROPROPANE	2.5 J	280	< 4	< 290	< 6.1	< 7.9	< 630
1,3-DICHLOROBENZENE	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
1,4-DICHLOROBENZENE	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
2-BUTANONE	< 24	< 1100	< 16	< 1200	1.4 J	< 32	< 2500
2-HEXANONE	< 24	< 1100	< 16	< 1200	< 25	< 32	< 2500
4-METHYL-2-PENTANONE	< 24	< 1100	0.6 J	< 1200	< 25	< 32	< 2500
ACETONE	3.7 J	140 J	18	< 1200	10 J	< 32	< 2500
BENZENE	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
BROMODICHLOROMETHANE	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
BROMOFORM	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
BROMOMETHANE	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
CARBON DISULFIDE	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
CARBON TETRACHLORIDE	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
CHLOROBENZENE	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
CHLOROETHANE	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
CHLOROFORM	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
CHLOROMETHANE	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
CIS-1,2-DICHLOROETHENE	0.96 J	< 140	< 2	87 J	< 3.1	< 4	< 310
CIS-1,3-DICHLOROPROPENE	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
CYCLOHEXANE	< 12	< 560	< 7.9	< 590	< 12	< 16	< 1300
DIBROMOCHLOROMETHANE	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
DICHLORODIFLUOROMETHANE	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
ETHYLBENZENE	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
ISOPROPYLBENZENE	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
METHYL ACETATE	< 12	< 560	< 7.9	< 590	< 12	< 16	< 1300
METHYL TERT-BUTYL ETHER	< 24	< 1100	< 16	< 1200	< 25	< 32	< 2500
METHYLCYCLOHEXANE	< 12	< 560	< 7.9	< 590	< 12	< 16	< 1300
METHYLENE CHLORIDE	< 6	110 J	2.6 J B	120 J	4.5 J B	4.7 J B	< 630
STYRENE	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
TETRACHLOROETHENE	< 6	< 280	44	720	< 6.1	4.3 J	13000
TOLUENE	0.53 J	< 280	0.27 J	< 290	0.73 J	0.74 J	< 630
TRANS-1,2-DICHLOROETHENE	< 3	< 140	< 2	< 150	< 3.1	< 4	< 310
TRANS-1,3-DICHLOROPROPENE	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
TRICHLOROETHENE	18	< 280	9.5	490	< 6.1	< 7.9	66 J
TRICHLOROFLUOROMETHANE	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
VINYL CHLORIDE	< 6	< 280	< 4	< 290	< 6.1	< 7.9	< 630
XYLENES (TOTAL)	< 6	< 280	< 4	< 290	1.1 J	< 7.9	< 630

VOC = Volatile Organic Compounds
ID = Sample Location
CONF = Confirmation Sample
DUP = Duplicate Sample
bgs = below ground surface
µg/kg = micrograms per kilogram
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 2: Soil and Saturated Sand Seam VOC Analytical Data (Q3-2004)

Sample ID / Depth (feet bgs) Sample Date (yyyy/mm/dd) Sample Medium Reporting Units	GP01-157 / 08-10 2004/08/17 Soil µg/Kg	GP01-157 / 12-14.5 2004/08/17 Soil µg/Kg	GP01-158 / 00-02 2004/08/17 Soil µg/Kg	GP01-158 / 08-10 2004/08/17 Soil µg/Kg	GP01-158 / 14-16 2004/08/17 Soil µg/Kg	GP01-159 / 00-02 2004/08/23 Soil µg/Kg	GP01-159 / 08-10.5 2004/08/23 Soil µg/Kg
1,1,1-TRICHLOROETHANE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
1,1,2,2-TETRACHLOROETHANE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
1,1,2-TRICHLOROETHANE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
1,1-DICHLOROETHANE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
1,1-DICHLOROETHENE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
1,2,4-TRICHLOROBENZENE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
1,2-DIBROMO-3-CHLOROPROPANE	< 2800	< 9.7	< 11	< 570	< 8.8	< 12	< 8
1,2-DIBROMOETHANE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
1,2-DICHLOROBENZENE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
1,2-DICHLOROETHANE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
1,2-DICHLOROPROPANE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
1,3-DICHLOROBENZENE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
1,4-DICHLOROBENZENE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
2-BUTANONE	< 5600	1.6 J	3.9 J	< 1100	1.9 J	< 25	< 16
2-HEXANONE	< 5600	< 19	< 21	< 1100	< 18	< 25	< 16
4-METHYL-2-PENTANONE	< 5600	< 19	< 21	< 1100	< 18	0.99 J B	< 16
ACETONE	< 5600	6.7 J	12 J	< 1100	7.5 J	7.4 J	< 16
BENZENE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
BROMODICHLOROMETHANE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
BROMOFORM	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
BROMOMETHANE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
CARBON DISULFIDE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
CARBON TETRACHLORIDE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
CHLOROBENZENE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
CHLOROETHANE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
CHLOROFORM	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
CHLOROMETHANE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
CIS-1,2-DICHLOROETHENE	< 700	< 2.4	69	< 140	< 2.2	< 3.1	< 2
CIS-1,3-DICHLOROPROPENE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
CYCLOHEXANE	< 2800	< 9.7	< 11	< 570	< 8.8	< 12	< 8
DIBROMOCHLOROMETHANE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
DICHLORODIFLUOROMETHANE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
ETHYLBENZENE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
ISOPROPYLBENZENE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
METHYL ACETATE	< 2800	< 9.7	< 11	< 570	< 8.8	< 12	< 8
METHYL TERT-BUTYL ETHER	< 5600	< 19	< 21	< 1100	< 18	< 25	< 16
METHYLCYCLOHEXANE	< 2800	< 9.7	< 11	< 570	< 8.8	< 12	< 8
METHYLENE CHLORIDE	< 1400	3.6 J B	< 5.3	110 J	< 4.4	< 6.2	< 4
STYRENE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
TETRACHLOROETHENE	32000	< 4.9	< 5.3	3100	< 4.4	< 6.2	< 4
TOLUENE	< 1400	0.41 J	< 5.3	< 290	0.34 J	1 J	0.26 J
TRANS-1,2-DICHLOROETHENE	< 700	< 2.4	< 2.6	< 140	< 2.2	< 3.1	< 2
TRANS-1,3-DICHLOROPROPENE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
TRICHLOROETHENE	190 J	< 4.9	< 5.3	40 J	< 4.4	< 6.2	< 4
TRICHLOROFLUOROMETHANE	< 1400	< 4.9	< 5.3	< 290	< 4.4	< 6.2	< 4
VINYL CHLORIDE	< 1400	0.84 J	2.4 J	< 290	< 4.4	< 6.2	< 4
XYLENES (TOTAL)	< 1400	< 4.9	< 5.3	< 290	< 4.4	1.1 J	< 4

VOC = Volatile Organic Compounds
ID = Sample Location
CONF = Confirmation Sample
DUP = Duplicate Sample
bgs = below ground surface
µg/kg = micrograms per kilogram
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 2: Soil and Saturated Sand Seam VOC Analytical Data (Q3-2004)

Sample ID / Depth (feet bgs) Sample Date (yyyy/mm/dd) Sample Medium Reporting Units	GP01-159 / 22-23 2004/08/23 Soil µg/Kg	GP01-160 / 00-02 2004/08/23 Soil µg/Kg	GP01-160 / 06-08 2004/08/23 Soil µg/Kg	GP01-160 / 21.5-22.5 2004/08/23 Soil µg/Kg	GP01-161 / 00-02 2004/08/23 Soil µg/Kg	GP01-161 / 10-12 DUP 2004/08/23 Soil µg/Kg	GP01-161 / 10-12 2004/08/23 Soil µg/Kg
1,1,1-TRICHLOROETHANE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
1,1,2,2-TETRACHLOROETHANE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
1,1,2-TRICHLOROETHANE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
1,1-DICHLOROETHANE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
1,1-DICHLOROETHENE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
1,2,4-TRICHLOROBENZENE	< 4.8	0.99 J B	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
1,2-DIBROMO-3-CHLOROPROPANE	< 9.5	< 11	< 8.6	< 8.8	< 14	< 8.7	< 8.5
1,2-DIBROMOETHANE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
1,2-DICHLOROBENZENE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
1,2-DICHLOROETHANE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
1,2-DICHLOROPROPANE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
1,3-DICHLOROBENZENE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
1,4-DICHLOROBENZENE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
2-BUTANONE	< 19	< 23	< 17	< 18	< 27	< 17	1.2 J B
2-HEXANONE	< 19	< 23	< 17	< 18	< 27	< 17	< 17
4-METHYL-2-PENTANONE	< 19	< 23	< 17	< 18	< 27	< 17	< 17
ACETONE	4.6 J	< 23	< 17	< 18	< 27	4.4 J	4.9 J
BENZENE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
BROMODICHLOROMETHANE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
BROMOFORM	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
BROMOMETHANE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
CARBON DISULFIDE	< 4.8	< 5.7	< 4.3	0.7 J	< 6.8	< 4.3	< 4.3
CARBON TETRACHLORIDE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
CHLOROBENZENE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
CHLOROETHANE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
CHLOROFORM	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
CHLOROMETHANE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
CIS-1,2-DICHLOROETHENE	< 2.4	< 2.8	< 2.2	< 2.2	< 3.4	< 2.2	< 2.1
CIS-1,3-DICHLOROPROPENE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
CYCLOHEXANE	< 9.5	< 11	< 8.6	< 8.8	< 14	< 8.7	< 8.5
DIBROMOCHLOROMETHANE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
DICHLORODIFLUOROMETHANE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
ETHYLBENZENE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
ISOPROPYLBENZENE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
METHYL ACETATE	< 9.5	< 11	< 8.6	< 8.8	< 14	< 8.7	< 8.5
METHYL TERT-BUTYL ETHER	< 19	< 23	< 17	< 18	< 27	< 17	< 17
METHYLCYCLOHEXANE	< 9.5	< 11	< 8.6	< 8.8	< 14	< 8.7	< 8.5
METHYLENE CHLORIDE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
STYRENE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
TETRACHLOROETHENE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
TOLUENE	0.54 J	0.42 J	0.4 J	0.36 J	< 6.8	< 4.3	< 4.3
TRANS-1,2-DICHLOROETHENE	< 2.4	< 2.8	< 2.2	< 2.2	< 3.4	< 2.2	< 2.1
TRANS-1,3-DICHLOROPROPENE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
TRICHLOROETHENE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
TRICHLOROFLUOROMETHANE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
VINYL CHLORIDE	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3
XYLENES (TOTAL)	< 4.8	< 5.7	< 4.3	< 4.4	< 6.8	< 4.3	< 4.3

VOC = Volatile Organic Compounds
ID = Sample Location
CONF = Confirmation Sample
DUP = Duplicate Sample
bgs = below ground surface
µg/kg = micrograms per kilogram
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 2: Soil and Saturated Sand Seam VOC Analytical Data (Q3-2004)

Sample ID / Depth (feet bgs) Sample Date (yyyy/mm/dd) Sample Medium Reporting Units	GP01-161 / 20-21 2004/08/23 Soil µg/Kg	GP01-162 / 00-02 2004/08/23 Soil µg/Kg	GP01-162 / 08-10 2004/08/23 Soil µg/Kg	GP01-162 / 20-20.9 2004/08/23 Soil µg/Kg	GP01-163 / 00-02 2004/08/23 Soil µg/Kg	GP01-163 / 06-08 2004/08/23 Soil µg/Kg	GP01-163 / 14-15 2004/08/23 Soil µg/Kg
1,1,1-TRICHLOROETHANE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
1,1,2,2-TETRACHLOROETHANE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
1,1,2-TRICHLOROETHANE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
1,1-DICHLOROETHANE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
1,1-DICHLOROETHENE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
1,2,4-TRICHLOROBENZENE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
1,2-DIBROMO-3-CHLOROPROPANE	< 8.8	< 10	< 8	< 9.6	< 12	< 510	< 8.5
1,2-DIBROMOETHANE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
1,2-DICHLOROBENZENE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
1,2-DICHLOROETHANE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
1,2-DICHLOROPROPANE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
1,3-DICHLOROBENZENE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
1,4-DICHLOROBENZENE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
2-BUTANONE	< 18	< 20	< 16	< 19	< 24	< 1000	< 17
2-HEXANONE	< 18	< 20	< 16	< 19	< 24	< 1000	< 17
4-METHYL-2-PENTANONE	< 18	< 20	< 16	< 19	< 24	< 1000	< 17
ACETONE	< 18	< 20	2.7 J	< 19	< 24	< 1000	< 17
BENZENE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
BROMODICHLOROMETHANE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
BROMOFORM	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
BROMOMETHANE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
CARBON DISULFIDE	< 4.4	< 5.1	< 4	1.5 J	< 6.1	< 250	< 4.2
CARBON TETRACHLORIDE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
CHLOROBENZENE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
CHLOROETHANE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
CHLOROFORM	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
CHLOROMETHANE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
CIS-1,2-DICHLOROETHENE	0.44 J	< 2.5	< 2	5.9	< 3	< 130	< 2.1
CIS-1,3-DICHLOROPROPENE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
CYCLOHEXANE	< 8.8	< 10	< 8	< 9.6	< 12	< 510	< 8.5
DIBROMOCHLOROMETHANE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
DICHLORODIFLUOROMETHANE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
ETHYLBENZENE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
ISOPROPYLBENZENE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
METHYL ACETATE	< 8.8	< 10	< 8	< 9.6	< 12	63 J B	< 8.5
METHYL TERT-BUTYL ETHER	< 18	< 20	< 16	< 19	< 24	< 1000	< 17
METHYLCYCLOHEXANE	< 8.8	< 10	< 8	< 9.6	< 12	< 510	< 8.5
METHYLENE CHLORIDE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	160 J B	< 4.2
STYRENE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
TETRACHLOROETHENE	< 4.4	140	< 4	< 4.8	16	1400	< 4.2
TOLUENE	< 4.4	< 5.1	< 4	0.42 J	1.1 J	< 250	< 4.2
TRANS-1,2-DICHLOROETHENE	< 2.2	< 2.5	< 2	< 2.4	< 3	< 130	< 2.1
TRANS-1,3-DICHLOROPROPENE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
TRICHLOROETHENE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
TRICHLOROFLUOROMETHANE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
VINYL CHLORIDE	< 4.4	< 5.1	< 4	< 4.8	< 6.1	< 250	< 4.2
XYLENES (TOTAL)	< 4.4	< 5.1	< 4	< 4.8	1.5 J	< 250	< 4.2

VOC = Volatile Organic Compounds
ID = Sample Location
CONF = Confirmation Sample
DUP = Duplicate Sample
bgs = below ground surface
µg/kg = micrograms per kilogram
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 2: Soil and Saturated Sand Seam VOC Analytical Data (Q3-2004)

Sample ID / Depth (feet bgs) Sample Date (yyyy/mm/dd) Sample Medium Reporting Units	GP01-164 / 00-02 2004/08/23 Soil µg/Kg	GP01-164 / 04-06 2004/08/23 Soil µg/Kg	GP01-164 / 10-11 2004/08/23 Soil µg/Kg	GP01-165 / 00-02 2004/08/24 Soil µg/Kg	GP01-165 / 06-08 2004/08/24 Soil µg/Kg	GP01-165 / 12-13 2004/08/24 Soil µg/Kg	GP01-166 / 00-02 2004/08/30 Soil µg/Kg	GP01-166 / 10-12 2004/08/30 Soil µg/Kg
1,1,1-TRICHLOROETHANE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
1,1,2,2-TETRACHLOROETHANE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
1,1,2-TRICHLOROETHANE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
1,1-DICHLOROETHANE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
1,1-DICHLOROETHENE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
1,2,4-TRICHLOROBENZENE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
1,2-DIBROMO-3-CHLOROPROPANE	< 12	< 9.3	< 11	< 13	< 8.3	< 540	< 15	< 460
1,2-DIBROMOETHANE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
1,2-DICHLOROBENZENE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
1,2-DICHLOROETHANE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
1,2-DICHLOROPROPANE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
1,3-DICHLOROBENZENE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
1,4-DICHLOROBENZENE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
2-BUTANONE	4 J B	< 19	< 22	< 26	< 17	< 1100	< 31	< 920
2-HEXANONE	< 24	< 19	< 22	< 26	< 17	< 1100	< 31	< 920
4-METHYL-2-PENTANONE	< 24	< 19	< 22	< 26	< 17	< 1100	< 31	< 920
ACETONE	19 J	< 19	< 22	< 26	< 17	< 1100	< 31	190 J B
BENZENE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
BROMODICHLOROMETHANE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
BROMOFORM	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
BROMOMETHANE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
CARBON DISULFIDE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
CARBON TETRACHLORIDE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
CHLOROBENZENE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
CHLOROETHANE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
CHLOROFORM	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
CHLOROMETHANE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
CIS-1,2-DICHLOROETHENE	< 3	< 2.3	< 2.7	< 3.2	0.99 J	< 130	< 3.9	37 J
CIS-1,3-DICHLOROPROPENE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
CYCLOHEXANE	< 12	< 9.3	< 11	< 13	< 8.3	< 540	< 15	< 460
DIBROMOCHLOROMETHANE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
DICHLORODIFLUOROMETHANE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
ETHYLBENZENE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
ISOPROPYLBENZENE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
METHYL ACETATE	< 12	< 9.3	< 11	< 13	< 8.3	< 540	< 15	< 460
METHYL TERT-BUTYL ETHER	< 24	< 19	< 22	< 26	< 17	< 1100	< 31	< 920
METHYLCYCLOHEXANE	< 12	< 9.3	< 11	< 13	< 8.3	< 540	< 15	< 460
METHYLENE CHLORIDE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	180 J B	< 7.7	230 B
STYRENE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
TETRACHLOROETHENE	< 6	< 4.7	< 5.5	29	16	230 J	140	2000
TOLUENE	< 6	0.33 J	0.46 J	< 6.5	< 4.1	< 270	1.6 J	16 J B
TRANS-1,2-DICHLOROETHENE	< 3	< 2.3	< 2.7	< 3.2	< 2.1	< 130	< 3.9	< 120
TRANS-1,3-DICHLOROPROPENE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
TRICHLOROETHENE	< 6	< 4.7	< 5.5	< 6.5	0.73 J	840	1.9 J	56 J
TRICHLOROFLUOROMETHANE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
VINYL CHLORIDE	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230
XYLENES (TOTAL)	< 6	< 4.7	< 5.5	< 6.5	< 4.1	< 270	< 7.7	< 230

VOC = Volatile Organic Compounds
ID = Sample Location
CONF = Confirmation Sample
DUP = Duplicate Sample
bgs = below ground surface
µg/kg = micrograms per kilogram
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 2: Soil and Saturated Sand Seam VOC Analytical Data (Q3-2004)

Sample ID / Depth (feet bgs) Sample Date (yyyy/mm/dd) Sample Medium Reporting Units	GP01-166 / 20-21.2 2004/08/30 Soil µg/Kg	GP01-169 / 00-02 2004/08/27 Soil µg/Kg	GP01-169 / 10.5-11.5 2004/08/27 Soil µg/Kg	GP01-171 / 00-02 2004/08/27 Soil µg/Kg	GP01-171 / 08-10 2004/08/27 Soil µg/Kg	GP01-171 / 17-18 2004/08/27 Soil µg/Kg	GP01-172 / 00-02 2004/08/27 Soil µg/Kg
1,1,1-TRICHLOROETHANE	< 4.7	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
1,1,2,2-TETRACHLOROETHANE	< 4.7	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 4.7	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
1,1,2-TRICHLOROETHANE	< 4.7	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
1,1-DICHLOROETHANE	< 4.7	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
1,1-DICHLOROETHENE	< 4.7	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
1,2,4-TRICHLOROBENZENE	< 4.7	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
1,2-DIBROMO-3-CHLOROPROPANE	< 9.4	< 14	< 610	< 14 uj	< 600	< 52000	< 15 uj
1,2-DIBROMOETHANE	< 4.7	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
1,2-DICHLOROBENZENE	< 4.7	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
1,2-DICHLOROETHANE	< 4.7	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
1,2-DICHLOROPROPANE	< 4.7	< 7.2	< 300	56 j	< 300	470000	< 7.5 uj
1,3-DICHLOROBENZENE	< 4.7	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
1,4-DICHLOROBENZENE	< 4.7	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
2-BUTANONE	< 19	< 29	< 1200	< 29 uj	< 1200	< 100000	< 30 uj
2-HEXANONE	< 19	< 29	< 1200	< 29 uj	< 1200	< 100000	< 30 uj
4-METHYL-2-PENTANONE	< 19	< 29	< 1200	< 29 uj	< 1200	< 100000	< 30 uj
ACETONE	6.1 J	< 29	< 1200	< 29 uj	< 1200	< 100000	< 30 uj
BENZENE	< 4.7	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
BROMODICHLOROMETHANE	< 4.7	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
BROMOFORM	< 4.7	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
BROMOMETHANE	< 4.7	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
CARBON DISULFIDE	2.1 J	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
CARBON TETRACHLORIDE	< 4.7	< 7.2	140 J	< 7.2 uj	< 300	< 26000	< 7.5 uj
CHLOROBENZENE	< 4.7	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
CHLOROETHANE	< 4.7	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
CHLOROFORM	< 4.7	< 7.2	24 J	< 7.2 uj	< 300	< 26000	< 7.5 uj
CHLOROMETHANE	< 4.7	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
CIS-1,2-DICHLOROETHENE	2.3 j	< 3.6	< 150	< 3.6 uj	< 150	< 13000	< 3.8 uj
CIS-1,3-DICHLOROPROPENE	< 4.7	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
CYCLOHEXANE	< 9.4	< 14	< 610	< 14 uj	< 600	< 52000	< 15 uj
DIBROMOCHLOROMETHANE	< 4.7	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
DICHLORODIFLUOROMETHANE	< 4.7	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
ETHYLBENZENE	< 4.7	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
ISOPROPYLBENZENE	< 4.7	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
METHYL ACETATE	< 9.4	< 14	< 610	< 14 uj	< 600	< 52000	< 15 uj
METHYL TERT-BUTYL ETHER	< 19	< 29	< 1200	< 29 uj	< 1200	< 100000	< 30 uj
METHYLCYCLOHEXANE	< 9.4	< 14	< 610	< 14 uj	< 600	< 52000	< 15 uj
METHYLENE CHLORIDE	1.2 J B	12 B	250 J B	17 B j	240 J B	16000 J B	24 B j
STYRENE	< 4.7	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
TETRACHLOROETHENE	< 4.7	10	36 J	< 7.2 uj	< 300	< 26000	< 7.5 uj
TOLUENE	1.2 J	< 7.2	55 J B	1.2 J j	67 J B	< 26000	1.8 J j
TRANS-1,2-DICHLOROETHENE	< 2.3	< 3.6	< 150	< 3.6 uj	< 150	< 13000	< 3.8 uj
TRANS-1,3-DICHLOROPROPENE	< 4.7	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
TRICHLOROETHENE	12 j	0.71 J	1600	< 7.2 uj	490	< 26000	< 7.5 uj
TRICHLOROFLUOROMETHANE	< 4.7	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
VINYL CHLORIDE	< 4.7	< 7.2	< 300	< 7.2 uj	< 300	< 26000	< 7.5 uj
XYLENES (TOTAL)	< 4.7	< 7.2	< 300	1.4 J j	< 300	< 26000	2.4 J j

VOC = Volatile Organic Compounds
ID = Sample Location
CONF = Confirmation Sample
DUP = Duplicate Sample
bgs = below ground surface
µg/kg = micrograms per kilogram
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 2: Soil and Saturated Sand Seam VOC Analytical Data (Q3-2004)

Sample ID / Depth (feet bgs) Sample Date (yyyy/mm/dd) Sample Medium Reporting Units	GP01-172 / 04-06 2004/08/27 Soil µg/Kg	GP01-172 / 06-08 2004/08/27 Soil µg/Kg	GP01-172 / 10-12 2004/08/27 Soil µg/Kg	GP01-173 / 00-02 2004/08/27 Soil µg/Kg	GP01-173 / 08-10 2004/08/27 Soil µg/Kg	GP01-173 / 16-17 2004/08/27 Soil µg/Kg	GP02-096 / 00-02 2004/08/16 Soil µg/Kg	GP02-096 / 04-06 2004/08/16 Soil µg/Kg
1,1,1-TRICHLOROETHANE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
1,1,2,2-TETRACHLOROETHANE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
1,1,2-TRICHLOROETHANE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
1,1-DICHLOROETHANE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
1,1-DICHLOROETHENE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
1,2,4-TRICHLOROBENZENE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
1,2-DIBROMO-3-CHLOROPROPANE	< 12	< 9	< 12	< 11	< 8.9	< 11	< 9.8	< 11
1,2-DIBROMOETHANE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
1,2-DICHLOROBENZENE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
1,2-DICHLOROETHANE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
1,2-DICHLOROPROPANE	< 5.8	1.8 J	2.9 J	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
1,3-DICHLOROBENZENE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
1,4-DICHLOROBENZENE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
2-BUTANONE	< 23	< 18	< 23	< 22	< 18	< 22	< 20	< 23
2-HEXANONE	< 23	< 18	< 23	< 22	< 18	< 22	< 20	< 23
4-METHYL-2-PENTANONE	< 23	< 18	< 23	< 22	< 18	< 22	< 20	< 23
ACETONE	< 23	< 18	< 23	< 22	< 18	11 J	< 20	< 23
BENZENE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
BROMODICHLOROMETHANE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
BROMOFORM	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
BROMOMETHANE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
CARBON DISULFIDE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
CARBON TETRACHLORIDE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
CHLOROBENZENE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
CHLOROETHANE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
CHLOROFORM	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
CHLOROMETHANE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
CIS-1,2-DICHLOROETHENE	< 2.9	2.2 J	1.4 J	< 2.8	1.5 J	< 2.8	< 2.5	< 2.8
CIS-1,3-DICHLOROPROPENE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
CYCLOHEXANE	< 12	< 9	< 12	< 11	< 8.9	< 11	< 9.8	< 11
DIBROMOCHLOROMETHANE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
DICHLORODIFLUOROMETHANE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
ETHYLBENZENE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
ISOPROPYLBENZENE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
METHYL ACETATE	< 12	< 9	< 12	< 11	< 8.9	< 11	< 9.8	< 11
METHYL TERT-BUTYL ETHER	< 23	< 18	< 23	< 22	< 18	< 22	< 20	< 23
METHYLCYCLOHEXANE	< 12	< 9	< 12	< 11	< 8.9	< 11	< 9.8	< 11
METHYLENE CHLORIDE	8.8 B	9.8 B	12 B	12 B	11 B	14 B	3.3 J B	5.4 J B
STYRENE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
TETRACHLOROETHENE	< 5.8	< 4.5	< 5.8	< 5.6	18	< 5.6	< 4.9	< 5.7
TOLUENE	< 5.8	0.57 J	0.55 J	< 5.6	0.54 J	0.74 J	1.3 J	1.4 J
TRANS-1,2-DICHLOROETHENE	< 2.9	< 2.3	< 2.9	< 2.8	< 2.2	< 2.8	< 2.5	< 2.8
TRANS-1,3-DICHLOROPROPENE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
TRICHLOROETHENE	1.1 J	27	10	0.59 J	2.6 J	< 5.6	< 4.9	< 5.7
TRICHLOROFLUOROMETHANE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
VINYL CHLORIDE	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7
XYLENES (TOTAL)	< 5.8	< 4.5	< 5.8	< 5.6	< 4.5	< 5.6	< 4.9	< 5.7

VOC = Volatile Organic Compounds
ID = Sample Location
CONF = Confirmation Sample
DUP = Duplicate Sample
bgs = below ground surface
µg/kg = micrograms per kilogram
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 2: Soil and Saturated Sand Seam VOC Analytical Data (Q3-2004)

Sample ID / Depth (feet bgs) Sample Date (yyyy/mm/dd) Sample Medium Reporting Units	GP02-096 / 06-08 2004/08/16 Soil µg/Kg	GP02-097 / 00-02 2004/08/16 Soil µg/Kg	GP02-097 / 04-06 2004/08/16 Soil µg/Kg	GP02-097 / 10-12 2004/08/16 Soil µg/Kg	GP02-097 / 18-20 2004/08/16 Soil µg/Kg	GP02-098 / 00-02 2004/08/16 Soil µg/Kg	GP02-098 / 06-07.5 2004/08/16 Soil µg/Kg
1,1,1-TRICHLOROETHANE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
1,1,2,2-TETRACHLOROETHANE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
1,1,2-TRICHLOROETHANE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
1,1-DICHLOROETHANE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
1,1-DICHLOROETHENE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
1,2,4-TRICHLOROBENZENE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
1,2-DIBROMO-3-CHLOROPROPANE	< 11	< 10	< 8.1	< 9.8	< 10	< 9.8	< 9.7
1,2-DIBROMOETHANE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
1,2-DICHLOROBENZENE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
1,2-DICHLOROETHANE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
1,2-DICHLOROPROPANE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
1,3-DICHLOROBENZENE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
1,4-DICHLOROBENZENE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
2-BUTANONE	< 21	< 21	< 16	< 20	< 20	< 20	< 19
2-HEXANONE	< 21	< 21	< 16	< 20	< 20	< 20	< 19
4-METHYL-2-PENTANONE	< 21	< 21	< 16	< 20	< 20	< 20	< 19
ACETONE	< 21	< 21	< 16	6.2 J	6.3 J	< 20	< 19
BENZENE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
BROMODICHLOROMETHANE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
BROMOFORM	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
BROMOMETHANE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
CARBON DISULFIDE	< 5.3	< 5.1	< 4.1	< 4.9	1.3 J	< 4.9	< 4.8
CARBON TETRACHLORIDE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
CHLOROBENZENE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
CHLOROETHANE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
CHLOROFORM	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
CHLOROMETHANE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
CIS-1,2-DICHLOROETHENE	< 2.6	< 2.6	< 2	< 2.5	< 2.5	< 2.4	< 2.4
CIS-1,3-DICHLOROPROPENE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
CYCLOHEXANE	< 11	< 10	< 8.1	< 9.8	< 10	< 9.8	< 9.7
DIBROMOCHLOROMETHANE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
DICHLORODIFLUOROMETHANE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
ETHYLBENZENE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
ISOPROPYLBENZENE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
METHYL ACETATE	< 11	< 10	< 8.1	< 9.8	< 10	< 9.8	< 9.7
METHYL TERT-BUTYL ETHER	< 21	< 21	< 16	< 20	< 20	< 20	< 19
METHYLCYCLOHEXANE	< 11	< 10	< 8.1	< 9.8	< 10	< 9.8	< 9.7
METHYLENE CHLORIDE	5.2 J B	4.3 J B	3.9 J B	4.2 J B	5 J B	4.6 J B	4.5 J B
STYRENE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
TETRACHLOROETHENE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
TOLUENE	1.6 J	1 J	0.83 J	1.1 J	1.2 J	1.4 J	1.3 J
TRANS-1,2-DICHLOROETHENE	< 2.6	< 2.6	< 2	< 2.5	< 2.5	< 2.4	< 2.4
TRANS-1,3-DICHLOROPROPENE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
TRICHLOROETHENE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
TRICHLOROFLUOROMETHANE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
VINYL CHLORIDE	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8
XYLENES (TOTAL)	< 5.3	< 5.1	< 4.1	< 4.9	< 5.1	< 4.9	< 4.8

VOC = Volatile Organic Compounds
ID = Sample Location
CONF = Confirmation Sample
DUP = Duplicate Sample
bgs = below ground surface
µg/kg = micrograms per kilogram
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 2: Soil and Saturated Sand Seam VOC Analytical Data (Q3-2004)

Sample ID / Depth (feet bgs) Sample Date (yyyy/mm/dd) Sample Medium Reporting Units	GP02-098 / 18-19.8 DUP 2004/08/16 Soil µg/Kg	GP02-098 / 18-19.8 2004/08/16 Soil µg/Kg	GP02-099 / 00-02 2004/08/26 Soil µg/Kg	GP02-099 / 13.5-16 DUP 2004/08/26 Soil µg/Kg	GP02-099 / 13.5-16 2004/08/26 Soil µg/Kg	GP02-099 / 22-23.6 2004/08/26 Soil µg/Kg
1,1,1-TRICHLOROETHANE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
1,1,2,2-TETRACHLOROETHANE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	9.1	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
1,1,2-TRICHLOROETHANE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
1,1-DICHLOROETHANE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
1,1-DICHLOROETHENE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
1,2,4-TRICHLOROBENZENE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
1,2-DIBROMO-3-CHLOROPROPANE	< 8.4	< 8.5	< 10	< 8.7	< 7.7	< 8.1
1,2-DIBROMOETHANE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
1,2-DICHLOROBENZENE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
1,2-DICHLOROETHANE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
1,2-DICHLOROPROPANE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
1,3-DICHLOROBENZENE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
1,4-DICHLOROBENZENE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
2-BUTANONE	< 17	< 17	< 20	< 17	< 15	< 16
2-HEXANONE	< 17	< 17	< 20	< 17	< 15	< 16
4-METHYL-2-PENTANONE	< 17	< 17	< 20	< 17	< 15	< 16
ACETONE	3.5 J	19	< 20	< 17	< 15	< 16
BENZENE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
BROMODICHLOROMETHANE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
BROMOFORM	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
BROMOMETHANE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
CARBON DISULFIDE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
CARBON TETRACHLORIDE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
CHLOROBENZENE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
CHLOROETHANE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
CHLOROFORM	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
CHLOROMETHANE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
CIS-1,2-DICHLOROETHENE	< 2.1	<2.1	< 2.5	< 2.2	< 1.9	< 2
CIS-1,3-DICHLOROPROPENE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
CYCLOHEXANE	< 8.4	< 8.5	< 10	< 8.7	< 7.7	< 8.1
DIBROMOCHLOROMETHANE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
DICHLORODIFLUOROMETHANE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
ETHYLBENZENE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
ISOPROPYLBENZENE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
METHYL ACETATE	< 8.4	< 8.5	< 10	< 8.7	< 7.7	< 8.1
METHYL TERT-BUTYL ETHER	< 17	< 17	< 20	< 17	< 15	< 16
METHYLCYCLOHEXANE	< 8.4	< 8.5	< 10	< 8.7	< 7.7	< 8.1
METHYLENE CHLORIDE	< 4.2	3.8 J	< 5.1	< 4.3	< 3.8	< 4.1
STYRENE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
TETRACHLOROETHENE	7.1	< 4.3	0.87 J	< 4.3	< 3.8	< 4.1
TOLUENE	0.61 J	2 J	0.39 J	0.6 J B	< 3.8	0.32 J
TRANS-1,2-DICHLOROETHENE	< 2.1	< 2.1	< 2.5	< 2.2	< 1.9	< 2
TRANS-1,3-DICHLOROPROPENE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
TRICHLOROETHENE	13	6.6	< 5.1	< 4.3	< 3.8	< 4.1
TRICHLOROFLUOROMETHANE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
VINYL CHLORIDE	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1
XYLENES (TOTAL)	< 4.2	< 4.3	< 5.1	< 4.3	< 3.8	< 4.1

VOC = Volatile Organic Compounds
ID = Sample Location
CONF = Confirmation Sample
DUP = Duplicate Sample
bgs = below ground surface
µg/kg = micrograms per kilogram
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 2: Soil and Saturated Sand Seam VOC Analytical Data (Q3-2004)

Sample ID / Depth (feet bgs) Sample Date (yyyy/mm/dd) Sample Medium Reporting Units	GP02-100 / 00-02 2004/08/26 Soil µg/Kg	GP02-100 / 08-10.5 2004/08/26 Soil µg/Kg	GP02-100 / 22-24 2004/08/26 Soil µg/Kg	GP02-101 / 00-02 2004/08/26 Soil µg/Kg	GP02-101 / 06-08 2004/08/26 Soil µg/Kg	GP02-101 / 10.5-12 2004/08/26 Soil µg/Kg	GP02-102 / 00-02 2004/08/26 Soil µg/Kg
1,1,1-TRICHLOROETHANE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
1,1,2,2-TETRACHLOROETHANE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
1,1,2-TRICHLOROETHANE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
1,1-DICHLOROETHANE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
1,1-DICHLOROETHENE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
1,2,4-TRICHLOROBENZENE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
1,2-DIBROMO-3-CHLOROPROPANE	< 9.6	< 10	< 8.6	< 10	< 490 uj	< 8.8	< 11
1,2-DIBROMOETHANE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
1,2-DICHLOROBENZENE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
1,2-DICHLOROETHANE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
1,2-DICHLOROPROPANE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
1,3-DICHLOROBENZENE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
1,4-DICHLOROBENZENE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
2-BUTANONE	< 19	< 20	< 17	< 21	< 990 uj	< 18	3 J
2-HEXANONE	< 19	< 20	< 17	< 21	< 990 uj	< 18	< 22
4-METHYL-2-PENTANONE	< 19	< 20	< 17	< 21	< 990 uj	< 18	< 22
ACETONE	< 19	< 20	< 17	< 21	< 990 uj	< 18	12 J
BENZENE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
BROMODICHLOROMETHANE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
BROMOFORM	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
BROMOMETHANE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
CARBON DISULFIDE	< 4.8	< 5.1	0.4 J	< 5.2	< 250 uj	< 4.4	< 5.5
CARBON TETRACHLORIDE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
CHLOROBENZENE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
CHLOROETHANE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
CHLOROFORM	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
CHLOROMETHANE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
CIS-1,2-DICHLOROETHENE	< 2.4	< 2.5	< 2.1	< 2.6	< 120 uj	< 2.2	< 2.7
CIS-1,3-DICHLOROPROPENE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
CYCLOHEXANE	< 9.6	< 10	< 8.6	< 10	< 490 uj	< 8.8	< 11
DIBROMOCHLOROMETHANE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
DICHLORODIFLUOROMETHANE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
ETHYLBENZENE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
ISOPROPYLBENZENE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
METHYL ACETATE	< 9.6	< 10	< 8.6	< 10	< 490 uj	< 8.8	< 11
METHYL TERT-BUTYL ETHER	< 19	< 20	< 17	< 21	< 990 uj	< 18	< 22
METHYLCYCLOHEXANE	< 9.6	< 10	< 8.6	< 10	< 490 uj	< 8.8	< 11
METHYLENE CHLORIDE	< 4.8	< 5.1	< 4.3	< 5.2	200 J B uj	< 4.4	< 5.5
STYRENE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
TETRACHLOROETHENE	2.5 J	< 5.1	< 4.3	40	800 j	1.3 J	< 5.5
TOLUENE	0.32 J	< 5.1	0.67 J	0.36 J	53 J uj	< 4.4	0.35 J
TRANS-1,2-DICHLOROETHENE	< 2.4	< 2.5	< 2.1	< 2.6	< 120 uj	< 2.2	< 2.7
TRANS-1,3-DICHLOROPROPENE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
TRICHLOROETHENE	< 4.8	0.96 J	< 4.3	< 5.2	< 250 uj	< 4.4	0.47 J
TRICHLOROFLUOROMETHANE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
VINYL CHLORIDE	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5
XYLENES (TOTAL)	< 4.8	< 5.1	< 4.3	< 5.2	< 250 uj	< 4.4	< 5.5

VOC = Volatile Organic Compounds
ID = Sample Location
CONF = Confirmation Sample
DUP = Duplicate Sample
bgs = below ground surface
µg/kg = micrograms per kilogram
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 2: Soil and Saturated Sand Seam VOC Analytical Data (Q3-2004)

Sample ID / Depth (feet bgs) Sample Date (yyyy/mm/dd) Sample Medium Reporting Units	GP02-102 / 08-10.5 2004/08/26 Soil µg/Kg	GP02-102 / 22-23.9 2004/08/26 Soil µg/Kg	GP02-103 / 00-02 2004/08/26 Soil µg/Kg	GP02-103 / 11-12 2004/08/26 Soil µg/Kg	GP02-103 / 20.5-22 2004/08/26 Soil µg/Kg	GP02-104 / 00-02 2004/08/27 Soil µg/Kg	GP02-104 / 10.5-12.5 2004/08/27 Soil µg/Kg
1,1,1-TRICHLOROETHANE	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280
1,1,2,2-TETRACHLOROETHANE	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280
1,1,2-TRICHLOROETHANE	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280
1,1-DICHLOROETHANE	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280
1,1-DICHLOROETHENE	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280
1,2,4-TRICHLOROBENZENE	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280
1,2-DIBROMO-3-CHLOROPROPANE	< 580	< 8.7	< 15	< 11	< 8.2	< 640	< 570
1,2-DIBROMOETHANE	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280
1,2-DICHLOROBENZENE	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280
1,2-DICHLOROETHANE	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280
1,2-DICHLOROPROPANE	< 290	< 4.3	< 7.4	< 5.5	6	< 320	< 280
1,3-DICHLOROBENZENE	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280
1,4-DICHLOROBENZENE	< 290	0.35 J	< 7.4	< 5.5	< 4.1	< 320	< 280
2-BUTANONE	< 1200	< 17	< 29	< 22	< 16	< 1300	< 1100
2-HEXANONE	< 1200	< 17	< 29	< 22	< 16	< 1300	< 1100
4-METHYL-2-PENTANONE	< 1200	< 17	< 29	< 22	< 16	< 1300	< 1100
ACETONE	< 1200	< 17	< 29	< 22	2.9 J	< 1300	< 1100
BENZENE	< 290	< 4.3	< 7.4	< 5.5	0.25 J	< 320	< 280
BROMODICHLOROMETHANE	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280
BROMOFORM	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280
BROMOMETHANE	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280
CARBON DISULFIDE	< 290	< 4.3	< 7.4	< 5.5	1.4 J	< 320	< 280
CARBON TETRACHLORIDE	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280
CHLOROBENZENE	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280
CHLOROETHANE	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280
CHLOROFORM	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280
CHLOROMETHANE	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280
CIS-1,2-DICHLOROETHENE	< 150	< 2.2	< 3.7	< 2.8	6.9	< 160	< 140
CIS-1,3-DICHLOROPROPENE	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280
CYCLOHEXANE	< 580	< 8.7	< 15	< 11	< 8.2	< 640	< 570
DIBROMOCHLOROMETHANE	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280
DICHLORODIFLUOROMETHANE	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280
ETHYLBENZENE	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280
ISOPROPYLBENZENE	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280
METHYL ACETATE	< 580	< 8.7	< 15	< 11	< 8.2	< 640	< 570
METHYL TERT-BUTYL ETHER	< 1200	< 17	< 29	< 22	< 16	< 1300	< 1100
METHYLCYCLOHEXANE	< 580	< 8.7	< 15	< 11	< 8.2	< 640	< 570
METHYLENE CHLORIDE	190 J B	< 4.3	< 7.4	< 5.5	< 4.1	270 J B	240 J B
STYRENE	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280
TETRACHLOROETHENE	1100	< 4.3	120	3.2 J	< 4.1	480	1800
TOLUENE	< 290	0.71 J B	1.1 J	0.74 J	0.74 J	65 J B	61 J B
TRANS-1,2-DICHLOROETHENE	< 150	< 2.2	< 3.7	< 2.8	0.99 J	< 160	< 140
TRANS-1,3-DICHLOROPROPENE	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280
TRICHLOROETHENE	37 J	< 4.3	1 J	< 5.5	1.5 J	< 320	190 J
TRICHLOROFLUOROMETHANE	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280
VINYL CHLORIDE	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280
XYLENES (TOTAL)	< 290	< 4.3	< 7.4	< 5.5	< 4.1	< 320	< 280

VOC = Volatile Organic Compounds
ID = Sample Location
CONF = Confirmation Sample
DUP = Duplicate Sample
bgs = below ground surface
µg/kg = micrograms per kilogram
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 2: Soil and Saturated Sand Seam VOC Analytical Data (Q3-2004)

Sample ID / Depth (feet bgs) Sample Date (yyyy/mm/dd) Sample Medium Reporting Units	GP02-104 / 22-24 2004/08/27 Soil µg/Kg	GP02-105 / 00-02 2004/08/26 Soil µg/Kg	GP02-105 / 10-12 2004/08/26 Soil µg/Kg	GP02-105 / 21.5-22.5 2004/08/26 Soil µg/Kg	MW02-860 Dayton St 2004/07/19 Sand Seam µg/L
1,1,1-TRICHLOROETHANE	< 4.9	< 5	< 3.8	< 4.6	< 1
1,1,2,2-TETRACHLOROETHANE	< 4.9	< 5	< 3.8	< 4.6	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 4.9	< 5	< 3.8	< 4.6	< 1
1,1,2-TRICHLOROETHANE	< 4.9	< 5	< 3.8	< 4.6	< 1
1,1-DICHLOROETHANE	< 4.9	< 5	< 3.8	< 4.6	< 1
1,1-DICHLOROETHENE	< 4.9	< 5	< 3.8	< 4.6	< 1
1,2,4-TRICHLOROBENZENE	< 4.9	< 5	< 3.8	< 4.6	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 9.7	< 10	< 7.7	< 9.1	< 2
1,2-DIBROMOETHANE	< 4.9	< 5	< 3.8	< 4.6	< 1
1,2-DICHLOROBENZENE	< 4.9	< 5	< 3.8	< 4.6	< 1
1,2-DICHLOROETHANE	< 4.9	< 5	< 3.8	< 4.6	< 1
1,2-DICHLOROPROPANE	< 4.9	< 5	< 3.8	< 4.6	< 1
1,3-DICHLOROBENZENE	< 4.9	< 5	< 3.8	< 4.6	< 1
1,4-DICHLOROBENZENE	< 4.9	< 5	< 3.8	< 4.6	< 1
2-BUTANONE	< 19	1.9 J	0.85 J	< 18	< 10
2-HEXANONE	< 19	< 20	< 15	< 18	< 10
4-METHYL-2-PENTANONE	< 19	< 20	< 15	< 18	< 10
ACETONE	3.3 J	5.5 J	3.5 J	< 18	0.78 J B u
BENZENE	< 4.9	< 5	< 3.8	< 4.6	< 1
BROMODICHLOROMETHANE	< 4.9	< 5	< 3.8	< 4.6	< 1
BROMOFORM	< 4.9	< 5	< 3.8	< 4.6	< 1
BROMOMETHANE	< 4.9	< 5	< 3.8	< 4.6	< 1
CARBON DISULFIDE	< 4.9	< 5	< 3.8	0.62 J	< 1
CARBON TETRACHLORIDE	< 4.9	< 5	< 3.8	< 4.6	< 1
CHLOROBENZENE	< 4.9	< 5	< 3.8	< 4.6	< 1
CHLOROETHANE	< 4.9	< 5	< 3.8	< 4.6	< 1
CHLOROFORM	< 4.9	< 5	< 3.8	< 4.6	< 1
CHLOROMETHANE	< 4.9	< 5	< 3.8	< 4.6	< 1
CIS-1,2-DICHLOROETHENE	0.74 J	1.3 J	< 1.9	< 2.3	< 0.5
CIS-1,3-DICHLOROPROPENE	< 4.9	< 5	< 3.8	< 4.6	< 1
CYCLOHEXANE	< 9.7	< 10	< 7.7	< 9.1	< 1
DIBROMOCHLOROMETHANE	< 4.9	< 5	< 3.8	< 4.6	< 1
DICHLORODIFLUOROMETHANE	< 4.9	< 5	< 3.8	< 4.6	< 1
ETHYLBENZENE	< 4.9	< 5	< 3.8	< 4.6	< 1
ISOPROPYLBENZENE	< 4.9	< 5	< 3.8	< 4.6	< 1
METHYL ACETATE	< 9.7	< 10	< 7.7	< 9.1	< 10
METHYL TERT-BUTYL ETHER	< 19	< 20	< 15	< 18	< 5
METHYLCYCLOHEXANE	< 9.7	< 10	< 7.7	< 9.1	< 1
METHYLENE CHLORIDE	< 4.9	< 5	< 3.8	< 4.6	< 1
STYRENE	< 4.9	< 5	< 3.8	< 4.6	< 1
TETRACHLOROETHENE	< 4.9	< 5	< 3.8	< 4.6	0.31 J
TOLUENE	0.53 J B	0.31 J	0.71 J B	0.91 J	< 1
TRANS-1,2-DICHLOROETHENE	< 2.4	< 2.5	< 1.9	< 2.3	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 4.9	< 5	< 3.8	< 4.6	< 1
TRICHLOROETHENE	< 4.9	0.45 J	< 3.8	< 4.6	< 1
TRICHLOROFLUOROMETHANE	< 4.9	< 5	< 3.8	< 4.6	< 1
VINYL CHLORIDE	< 4.9	< 5	< 3.8	< 4.6	< 1
XYLENES (TOTAL)	< 4.9	< 5	< 3.8	< 4.6	< 1

VOC = Volatile Organic Compounds
ID = Sample Location
CONF = Confirmation Sample
DUP = Duplicate Sample
bgs = below ground surface
µg/kg = micrograms per kilogram
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 3: Soil SVOC Analytical Data (Q3-2004)

Sample ID / Depth (feet bgs)	GP01-156 / 00-02	GP01-156 / 06.5-08 DUP	GP01-156 / 06.5-08	GP01-167 / 00-02	GP01-167 / 05-07	GP01-168 / 00-02	GP01-169 / 00-02	GP01-169 / 06.5-07.5
Sample Date (yyyy/mm/dd)	2004/08/17	2004/08/17	2004/08/17	2004/08/24	2004/08/24	2004/08/24	2004/08/24	2004/08/24
Sample Medium	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Reporting Units	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
1,1'-BIPHENYL	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
2,2'-OXYBIS(1-CHLOROPROPANE)	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
2,4,5-TRICHLOROPHENOL	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
2,4,6-TRICHLOROPHENOL	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
2,4-DICHLOROPHENOL	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
2,4-DIMETHYLPHENOL	< 370	< 380	< 370	< 390	< 370	< 370	< 410	150 J B
2,4-DINITROPHENOL	< 1800	< 1800	< 1800	< 1900	< 1800	< 1800	< 2000	< 1800
2,4-DINITROTOLUENE	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
2,6-DINITROTOLUENE	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
2-CHLORONAPHTHALENE	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
2-CHLOROPHENOL	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
2-METHYLNAPHTHALENE	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
2-METHYLPHENOL	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
2-NITROANILINE	< 1800	< 1800	< 1800	< 1900	< 1800	< 1800	< 2000	< 1800
2-NITROPHENOL	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
3,3'-DICHLOROBENZIDINE	< 1800	< 1800	< 1800	< 1900	< 1800	< 1800	< 2000	< 1800
3-NITROANILINE	< 1800	< 1800	< 1800	< 1900	< 1800	< 1800	< 2000	< 1800
4,6-DINITRO-2-METHYLPHENOL	< 1800	< 1800	< 1800	< 1900	< 1800	< 1800	< 2000	< 1800
4-BROMOPHENYL PHENYL ETHER	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
4-CHLORO-3-METHYLPHENOL	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
4-CHLOROANILINE	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
4-CHLOROPHENYL PHENYL ETHER	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
4-METHYLPHENOL	< 370	< 380	< 370	< 390	< 370	< 370	< 410	26 J
4-NITROANILINE	< 1800	< 1800	< 1800	< 1900	< 1800	< 1800	< 2000	< 1800
4-NITROPHENOL	< 1800	< 1800	< 1800	< 1900	< 1800	< 1800	< 2000	< 1800
ACENAPHTHENE	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
ACENAPHTHYLENE	37 J	< 380	< 370	< 390	< 370	< 370	< 410	< 370
ACETOPHENONE	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
ANTHRACENE	35 J	< 380	< 370	< 390	< 370	< 370	< 410	< 370
ATRAZINE	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
BENZALDEHYDE	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
BENZO(A)ANTHRACENE	300 J	< 380	< 370	17 J	< 370	< 370	< 410	< 370
BENZO(A)PYRENE	390	< 380	< 370	20 J	< 370	< 370	< 410	< 370
BENZO(B)FLUORANTHENE	600	< 380	< 370	29 J	< 370	< 370	< 410	< 370
BENZO(GHI)PERYLENE	240 J	< 380	< 370	18 J	< 370	< 370	< 410	< 370
BENZO(K)FLUORANTHENE	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
BIS(2-CHLOROETHOXY)METHANE	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
BIS(2-CHLOROETHYL) ETHER	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
BIS(2-ETHYLHEXYL) PHTHALATE	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
BUTYL BENZYL PHTHALATE	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
CAPROLACTAM	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
CARBAZOLE	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
CHRYSENE	380	< 380	< 370	26 J	< 370	< 370	< 410	< 370
DIBENZ(A,H)ANTHRACENE	58 J	< 380	< 370	< 390	< 370	< 370	< 410	< 370
DIBENZOFURAN	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
DIETHYL PHTHALATE	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
DIMETHYL PHTHALATE	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
DI-N-BUTYL PHTHALATE	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
DI-N-OCTYL PHTHALATE	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
FLUORANTHENE	570	< 380	< 370	50 J	< 370	< 370	< 410	< 370
FLUORENE	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
HEXACHLOROBENZENE	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
HEXACHLOROBUTADIENE	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
HEXACHLOROCYCLOPENTADIENE	< 1800	< 1800	< 1800	< 1900	< 1800	< 1800	< 2000	< 1800
HEXACHLOROETHANE	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
INDENO(1,2,3-CD)PYRENE	210 J	< 380	< 370	19 J	< 370	< 370	< 410	< 370
ISOPHORONE	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
NAPHTHALENE	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
NITROBENZENE	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
N-NITROSODI-N-PROPYLAMINE	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
N-NITROSODIPHENYLAMINE	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
PENTACHLOROPHENOL	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
PHENANTHRENE	170 J	< 380	< 370	17 J	< 370	< 370	< 410	< 370
PHENOL	< 370	< 380	< 370	< 390	< 370	< 370	< 410	< 370
PYRENE	470	< 380	< 370	34 J	< 370	< 370	< 410	< 370

SVOC = Semi Volatile Organic Compounds
ID = Sample Location
CONF = Confirmation Sample
DUP = Duplicate Sample
bgs = below ground surface
µg/Kg = micrograms per kilogram
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 3: Soil SVOC Analytical Data (Q3-2004)

Sample ID / Depth (feet bgs) Sample Date (yyyy/mm/dd) Sample Medium Reporting Units	GP01-170 / 00-02 2004/08/24 Soil µg/Kg	GP01-170 / 04-06 2004/08/24 Soil µg/Kg	GP01-172 / 00-02 2004/08/27 Soil µg/Kg	GP01-172 / 06.5-08 2004/08/27 Soil µg/Kg	GP02-106 / 00-02 2004/08/16 Soil µg/Kg
1,1'-BIPHENYL	< 400	< 380	< 420	< 380	< 400
2,2'-OXYBIS(1-CHLOROPROPANE)	< 400	< 380	< 420	< 380	< 400
2,4,5-TRICHLOROPHENOL	< 400	< 380	< 420	< 380	< 400
2,4,6-TRICHLOROPHENOL	< 400	< 380	< 420	< 380	< 400
2,4-DICHLOROPHENOL	< 400	< 380	< 420	< 380	< 400
2,4-DIMETHYLPHENOL	< 400	< 380	< 420	< 380	< 400
2,4-DINITROPHENOL	< 1900	< 1900	< 2100	< 1800	< 1900
2,4-DINITROTOLUENE	< 400	< 380	< 420	< 380	< 400
2,6-DINITROTOLUENE	< 400	< 380	< 420	< 380	< 400
2-CHLORONAPHTHALENE	< 400	< 380	< 420	< 380	< 400
2-CHLOROPHENOL	< 400	< 380	< 420	< 380	< 400
2-METHYLNAPHTHALENE	< 400	< 380	< 420	< 380	< 400
2-METHYLPHENOL	< 400	< 380	< 420	< 380	< 400
2-NITROANILINE	< 1900	< 1900	< 2100	< 1800	< 1900
2-NITROPHENOL	< 400	< 380	< 420	< 380	< 400
3,3'-DICHLOROBENZIDINE	< 1900	< 1900	< 2100	< 1800	< 1900
3-NITROANILINE	< 1900	< 1900	< 2100	< 1800	< 1900
4,6-DINITRO-2-METHYLPHENOL	< 1900	< 1900	< 2100	< 1800	< 1900
4-BROMOPHENYL PHENYL ETHER	< 400	< 380	< 420	< 380	< 400
4-CHLORO-3-METHYLPHENOL	< 400	< 380	< 420	< 380	< 400
4-CHLOROANILINE	< 400	< 380	< 420	< 380	< 400
4-CHLOROPHENYL PHENYL ETHER	< 400	< 380	< 420	< 380	< 400
4-METHYLPHENOL	< 400	< 380	< 420	< 380	< 400
4-NITROANILINE	< 1900	< 1900	< 2100	< 1800	< 1900
4-NITROPHENOL	< 1900	< 1900	< 2100	< 1800	< 1900
ACENAPHTHENE	< 400	< 380	< 420	< 380	< 400
ACENAPHTHYLENE	< 400	< 380	< 420	< 380	< 400
ACETOPHENONE	< 400	< 380	< 420	< 380	< 400
ANTHRACENE	< 400	< 380	< 420	< 380	< 400
ATRAZINE	< 400	< 380	< 420	< 380	< 400
BENZALDEHYDE	< 400	< 380	< 420	< 380	< 400
BENZO(A)ANTHRACENE	< 400	< 380	110 J	< 380	< 400
BENZO(A)PYRENE	< 400	< 380	120 J	< 380	< 400
BENZO(B)FLUORANTHENE	< 400	< 380	170 J	< 380	< 400
BENZO(GHI)PERYLENE	< 400	< 380	85 J	< 380	< 400
BENZO(K)FLUORANTHENE	< 400	< 380	74 J	< 380	< 400
BIS(2-CHLOROETHOXY)METHANE	< 400	< 380	< 420	< 380	< 400
BIS(2-CHLOROETHYL) ETHER	< 400	< 380	< 420	< 380	< 400
BIS(2-ETHYLHEXYL) PHTHALATE	< 400	< 380	< 420	< 380	< 400
BUTYL BENZYL PHTHALATE	< 400	< 380	< 420	< 380	< 400
CAPROLACTAM	< 400	< 380	< 420	< 380	18 J B
CARBAZOLE	< 400	< 380	< 420	< 380	< 400
CHRYSENE	< 400	< 380	130 J	< 380	< 400
DIBENZ(A,H)ANTHRACENE	< 400	< 380	21 J	< 380	< 400
DIBENZOFURAN	< 400	< 380	< 420	< 380	< 400
DIETHYL PHTHALATE	< 400	< 380	< 420	< 380	< 400
DIMETHYL PHTHALATE	< 400	< 380	< 420	< 380	< 400
DI-N-BUTYL PHTHALATE	< 400	< 380	< 420	< 380	< 400
DI-N-OCTYL PHTHALATE	< 400	< 380	< 420	< 380	< 400
FLUORANTHENE	17 J	< 380	250 J	< 380	< 400
FLUORENE	< 400	< 380	< 420	< 380	< 400
HEXACHLOROBENZENE	< 400	< 380	< 420	< 380	< 400
HEXACHLOROBUTADIENE	< 400	< 380	< 420	< 380	< 400
HEXACHLOROCYCLOPENTADIENE	< 1900	< 1900	< 2100	< 1800	< 1900
HEXACHLOROETHANE	< 400	< 380	< 420	< 380	< 400
INDENO(1,2,3-CD)PYRENE	< 400	< 380	76 J	< 380	< 400
ISOPHORONE	< 400	< 380	< 420	< 380	< 400
NAPHTHALENE	< 400	< 380	< 420	< 380	< 400
NITROBENZENE	< 400	< 380	< 420	< 380	< 400
N-NITROSODI-N-PROPYLAMINE	< 400	< 380	< 420	< 380	< 400
N-NITROSODIPHENYLAMINE	< 400	< 380	< 420	< 380	< 400
PENTACHLOROPHENOL	< 400	< 380	< 420	< 380	< 400
PHENANTHRENE	< 400	< 380	100 J	< 380	< 400
PHENOL	< 400	< 380	< 420	< 380	< 400
PYRENE	< 400	< 380	200 J	< 380	< 400

SVOC = Semi Volatile Organic Compounds
ID = Sample Location
CONF = Confirmation Sample
DUP = Duplicate Sample
bgs = below ground surface
µg/Kg = micrograms per kilogram
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility

Yellow Springs, Ohio

Project No. 0292.11.26

TABLE 4: Soil Metals (Lead and Barium) Analytical Data (Q3-2004)

Sample ID / Sample Depth (feet bgs)	Sample Date	BARIUM Soil mg/Kg	LEAD Soil mg/Kg
GP01-168 / 00-02	8/24/2004	NA	7.3
GP01-168 / 00-02 DUP	8/24/2004	NA	6
GP01-170 / 00-02	8/24/2004	32.6	NA
GP02-106 / 00-02	8/30/2004	NA	14.1

ID = Sample Location
DUP = Duplicate Sample
bgs = below ground surface
µg/kg = micrograms per kilogram
NA = Not analyzed for this analyte

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 5: Cedarville Aquifer VOC Analytical Data (Q3-2004)

Sample ID Sample Date (yyyy/mm/dd) Screened Interval Reporting Units	MW01-01 2004/07/12 Upper CA µg/L	MW01-02 2004/07/14 Upper CA µg/L	MW01-02CD 2004/07/12 Middle CA µg/L	MW01-02SE 2004/07/12 Lower CA µg/L	MW01-03 2004/07/13 Upper CA µg/L	MW01-03CD 2004/07/12 Middle CA µg/L	MW01-04 2004/07/14 Upper CA µg/L	MW01-04CD 2004/07/14 Middle CA µg/L
1,1,1-TRICHLOROETHANE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
1,1,2,2-TETRACHLOROETHANE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 17	< 1	< 1	< 1	< 1	43	520
1,1,2-TRICHLOROETHANE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
1,1-DICHLOROETHANE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
1,1-DICHLOROETHENE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
1,2,4-TRICHLOROBENZENE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 33	< 2	< 2	< 2	< 2	< 5	< 40
1,2-DIBROMOETHANE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
1,2-DICHLOROBENZENE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
1,2-DICHLOROETHANE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
1,2-DICHLOROPROPANE	< 1	570	< 1	< 1	< 1	< 1	< 2.5	< 20
1,3-DICHLOROBENZENE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
1,4-DICHLOROBENZENE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
2-BUTANONE	< 10	< 170	< 10	< 10	0.59 J	< 10	< 25	< 200
2-HEXANONE	< 10	< 170	< 10	< 10	< 10	< 10	< 25	< 200
4-METHYL-2-PENTANONE	< 10	< 170	< 10	< 10	< 10	< 10	< 25	< 200
ACETONE	< 10	< 170	< 10	< 10	0.89 J	< 10	< 25	< 200
BENZENE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
BROMODICHLOROMETHANE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
BROMOFORM	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
BROMOMETHANE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
CARBON DISULFIDE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
CARBON TETRACHLORIDE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
CHLOROBENZENE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
CHLOROETHANE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
CHLOROFORM	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
CHLOROMETHANE	< 1	< 17	< 1	< 1	0.15 J	< 1	< 2.5	< 20
CIS-1,2-DICHLOROETHENE	< 0.5	8.6	< 0.5	< 0.5	< 0.5	< 0.5	2	< 10
CIS-1,3-DICHLOROPROPENE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
CYCLOHEXANE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
DIBROMOCHLOROMETHANE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
DICHLORODIFLUOROMETHANE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
ETHYLBENZENE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
ISOPROPYLBENZENE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
METHYL ACETATE	< 10	< 170	< 10	< 10	< 10	< 10	< 25	< 200
METHYL TERT-BUTYL ETHER	< 5	< 83	< 5	< 5	< 5	< 5	< 12	< 100
METHYLCYCLOHEXANE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
METHYLENE CHLORIDE	< 1	11 J B u	< 1	< 1	< 1	< 1	< 2.5	16 J B u
STYRENE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
TETRACHLOROETHENE	< 1	< 17	< 1	< 1	1	< 1	72	530
TOLUENE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
TRANS-1,2-DICHLOROETHENE	< 0.5	< 8.3	< 0.5	< 0.5	< 0.5	< 0.5	< 1.2	< 10
TRANS-1,3-DICHLOROPROPENE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
TRICHLOROETHENE	< 1	< 17	< 1	< 1	< 1	< 1	6.6	20
TRICHLOROFLUOROMETHANE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
VINYL CHLORIDE	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20
XYLENES (TOTAL)	< 1	< 17	< 1	< 1	< 1	< 1	< 2.5	< 20

VOC = Volatile Organic Compounds
ID = Sample Location
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 5: Cedarville Aquifer VOC Analytical Data (Q3-2004)

Sample ID Sample Date (yyyy/mm/dd) Screened Interval Reporting Units	MW01-04SE DUP 2004/07/13 Lower CA µg/L	MW01-04SE 2004/07/13 Lower CA µg/L	MW01-05 2004/07/13 Upper CA µg/L	MW01-05CD 2004/07/13 Middle CA µg/L	MW01-06 2004/07/14 Upper CA µg/L	MW01-07 2004/07/13 Upper CA µg/L	MW01-08 2004/07/13 Upper CA µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 12	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 12	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.52 J	0.43 J	< 1	< 1	< 12	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 12	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 12	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 12	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 12	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 25	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 12	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 12	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 12	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 1	0.2 J	0.27 J	< 12	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 12	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 12	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	0.64 J	< 120	0.51 J	0.65 J
2-HEXANONE	< 10	< 10	< 10	< 10	< 120	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 120	< 10	< 10
ACETONE	< 10	0.75 J	< 10	0.98 J	< 120	1.1 J	1 J
BENZENE	< 1	< 1	< 1	< 1	< 12	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 12	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 12	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 12	< 1	< 1
CARBON DISULFIDE	0.6 J B u	0.74 J B u	< 1	< 1	< 12	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 12	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 12	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 12	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 12	< 1	< 1
CHLOROMETHANE	0.54 J	0.57 J	< 1	< 1	< 12	0.15 J	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	11	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 12	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 12	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 12	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 12	< 1	< 1
ETHYLBENZENE	< I	< 1	< 1	< 1	< 12	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 12	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 120	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 62	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 12	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	7.8 J B u	< 1	< 1
STYRENE	< 1	< 1	< 1	< 1	< 12	< 1	< 1
TETRACHLOROETHENE	0.86 J	0.94 J	2.4	1.2	5.5 J	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 12	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 6.2	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 12	< 1	< 1
TRICHLOROETHENE	< 1	< 1	1.7	1.3	370	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 12	< 1	< 1
VINYL CHLORIDE	0.24 J	0.25 J	< 1	< 1	< 12	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 12	< 1	< 1

VOC = Volatile Organic Compounds
ID = Sample Location
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 5: Cedarville Aquifer VOC Analytical Data (Q3-2004)

Sample ID Sample Date (yyyy/mm/dd) Screened Interval Reporting Units	MW01-09 2004/07/14 Upper CA µg/L	MW01-10 2004/07/15 Upper CA µg/L	MW01-11 2004/07/14 Upper CA µg/L	MW01-14 2004/07/14 Upper CA µg/L	MW02-01 2004/07/12 Upper CA µg/L	MW02-02 2004/07/12 Upper CA µg/L	MW02-03 2004/07/16 Upper CA µg/L	MW02-03CD 2004/07/16 Middle CA µg/L
1,1,1-TRICHLOROETHANE	< 1	< 25	< 1	< 10	< 1	3.1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	63	< 1	170	< 1	< 1	0.42 J	< 1
1,1,2-TRICHLOROETHANE	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 50	< 2	< 20	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 250	< 10	< 100	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 250	< 10	< 100	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 250	< 10	< 100	< 10	< 10	< 10	< 10
ACETONE	< 10	< 250	< 10	< 100	0.81 J B u	0.93 J B u	1 J	0.8 J
BENZENE	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 25	< 1	< 10	< 1	< 1	< 1	0.44 J
CARBON TETRACHLORIDE	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	0.31 J	170	5.9	120	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 25	< 1	< 10	< 1	< 1	0.17 J	< 1
DIBROMOCHLOROMETHANE	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 250	< 10	< 100	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 120	< 5	< 50	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	18 J	< 1	4 J B u	< 1	< 1	< 1	< 1
STYRENE	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	1.1	700	< 1	340	< 1	< 1	0.75 J	< 1
TOLUENE	< 1	< 25	< 1	< 10	< 1	< 1	0.28 J	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 12	< 0.5	< 5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	27	15	28	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	36	< 1	9 J	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 25	< 1	< 10	< 1	< 1	< 1	< 1

VOC = Volatile Organic Compounds
ID = Sample Location
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 5: Cedarville Aquifer VOC Analytical Data (Q3-2004)

Sample ID Sample Date (yyyy/mm/dd) Screened Interval Reporting Units	MW02-03SE DUP 2004/07/12 Lower CA µg/L	MW02-03SE 2004/05/19 Lower CA µg/L	MW02-03SE 2004/07/12 Lower CA µg/L	MW02-04 2004/07/13 Upper CA µg/L	MW02-04CD 2004/07/13 Middle CA µg/L	MW02-05 2004/07/13 Upper CA µg/L	MW02-05CD 2004/07/13 Middle CA µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	< 10	0.68 J B	< 10	< 10	< 10	1.1 J	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	0.24 J	0.18 J	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.45 J
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	0.2 J	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	0.38 J	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

VOC = Volatile Organic Compounds
ID = Sample Location
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 5: Cedarville Aquifer VOC Analytical Data (Q3-2004)

Sample ID Sample Date (yyyy/mm/dd) Screened Interval Reporting Units	MW02-06 DUP 2004/07/16 Upper CA µg/L	MW02-06 2004/07/16 Upper CA µg/L	MW02-06CD 2004/07/13 Middle CA µg/L	MW02-07 2004/07/14 Upper CA µg/L	MW02-08 2004/07/19 Upper CA µg/L	MW02-08CD 2004/07/16 Middle CA µg/L	MW02-08SE 2004/07/14 Lower CA µg/L
1,1,1-TRICHLOROETHANE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
1,1,2,2-TETRACHLOROETHANE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	47	49	< 1	< 1	43	190	< 1
1,1,2-TRICHLOROETHANE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
1,1-DICHLOROETHANE	0.63 J	0.62 J	< 1	< 1	< 1.7	3.7 J	< 1
1,1-DICHLOROETHENE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
1,2,4-TRICHLOROBENZENE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 3.3	< 3.3	< 2	< 2	< 3.3	< 17	< 2
1,2-DIBROMOETHANE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
1,2-DICHLOROBENZENE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
1,2-DICHLOROETHANE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
1,2-DICHLOROPROPANE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
1,3-DICHLOROBENZENE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
1,4-DICHLOROBENZENE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
2-BUTANONE	< 17	0.76 J	< 10	< 10	< 17	< 83	< 10
2-HEXANONE	< 17	< 17	< 10	< 10	< 17	< 83	< 10
4-METHYL-2-PENTANONE	< 17	< 17	< 10	< 10	< 17	< 83	< 10
ACETONE	3.2 J	3.4 J	1.1 J	< 10	2.6 J B u	< 83	< 10
BENZENE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
BROMODICHLOROMETHANE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
BROMOFORM	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
BROMOMETHANE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
CARBON DISULFIDE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
CARBON TETRACHLORIDE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
CHLOROBENZENE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
CHLOROETHANE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
CHLOROFORM	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
CHLOROMETHANE	< 1.7	< 1.7	0.17 J	< 1	< 1.7	< 8.3	< 1
CIS-1,2-DICHLOROETHENE	2	2	< 0.5	< 0.5	1.4	10	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
CYCLOHEXANE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
DIBROMOCHLOROMETHANE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
DICHLORODIFLUOROMETHANE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
ETHYLBENZENE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
ISOPROPYLBENZENE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
METHYL ACETATE	< 17	< 17	< 10	< 10	< 17	< 83	< 10
METHYL TERT-BUTYL ETHER	< 8.4	< 8.4	< 5	< 5	< 8.4	< 42	< 5
METHYLCYCLOHEXANE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
METHYLENE CHLORIDE	< 1.7	< 1.7	< 1	< 1	< 1.7	5.9 J	< 1
STYRENE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
TETRACHLOROETHENE	19	19	< 1	< 1	12	110	< 1
TOLUENE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
TRANS-1,2-DICHLOROETHENE	< 0.84	< 0.84	< 0.5	< 0.5	< 0.84	< 4.2	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
TRICHLOROETHENE	5.9	5.7	< 1	< 1	3.8	35	< 1
TRICHLOROFLUOROMETHANE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
VINYL CHLORIDE	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1
XYLENES (TOTAL)	< 1.7	< 1.7	< 1	< 1	< 1.7	< 8.3	< 1

VOC = Volatile Organic Compounds
ID = Sample Location
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 5: Cedarville Aquifer VOC Analytical Data (Q3-2004)

Sample ID Sample Date (yyyy/mm/dd) Screened Interval Reporting Units	MW02-09 2004/07/16 Upper CA µg/L	MW02-10 2004/07/16 Upper CA µg/L	MW02-10CD 2004/07/14 Middle CA µg/L	MW02-11 2004/07/14 Upper CA µg/L	MW02-11SE 2004/07/14 Lower CA µg/L	MW02-13 2004/07/16 Upper CA µg/L	MW02-14 2004/07/15 Upper CA µg/L
1,1,1-TRICHLOROETHANE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	32	4.2	< 1	< 1	< 1	5.7	< 1
1,1,2-TRICHLOROETHANE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	0.56 J	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2.8	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROPROPANE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	< 14	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 14	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 14	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	2.5 J	0.87 J	< 10	< 10	< 10	1.8 J	0.9 J
BENZENE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1.4	< 1	< 1	< 1	< 1	0.4 J	< 1
BROMOFORM	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1.4	< 1	< 1	< 1	< 1	0.62 J	0.25 J
CHLOROMETHANE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 14	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 7.1	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
STYRENE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	12	1.7	< 1	< 1	< 1	1.1	< 1
TOLUENE	< 1.4	< 1	< 1	0.2 J	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.71	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	5.7	0.84 J	< 1	< 1	< 1	2.2	< 1
TRICHLOROFLUOROMETHANE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1.4	< 1	< 1	< 1	< 1	< 1	< 1

VOC = Volatile Organic Compounds
ID = Sample Location
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 5: Cedarville Aquifer VOC Analytical Data (Q3-2004)

Sample ID Sample Date (yyyy/mm/dd) Screened Interval Reporting Units	MW02-14CD 2004/07/15 Middle CA µg/L	MW02-15 2004/07/15 Upper CA µg/L	MW02-15CD 2004/07/15 Middle CA µg/L	MW02-16 2004/07/15 Upper CA µg/L	MW02-16CD 2004/07/15 Middle CA µg/L	MW02-17 2004/07/15 Upper CA µg/L	MW02-17CD 2004/07/15 Middle CA µg/L	MW02-18 2004/07/15 Upper CA µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	0.92 J	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	1.5	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	1.1 J	0.87 J	0.91 J	0.81 J	0.76 J	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1.4
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1.3
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	0.22 J	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.3	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.17 J
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.64 J
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	0.47 J	4	0.54 J	< 1	0.65 J	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.54 J
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	0.81 J	< 1	1.1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

VOC = Volatile Organic Compounds
ID = Sample Location
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 5: Cedarville Aquifer VOC Analytical Data (Q3-2004)

Sample ID Sample Date (yyyy/mm/dd) Screened Interval Reporting Units	MW02-18CD 2004/07/15 Middle CA µg/L	RW01-05 2004/07/15 Upper CA µg/L
1,1,1-TRICHLOROETHANE	< 1	< 250
1,1,2,2-TETRACHLOROETHANE	< 1	< 250
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 250
1,1,2-TRICHLOROETHANE	< 1	< 250
1,1-DICHLOROETHANE	< 1	< 250
1,1-DICHLOROETHENE	< 1	< 250
1,2,4-TRICHLOROBENZENE	< 1	< 250
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 500
1,2-DIBROMOETHANE	< 1	< 250
1,2-DICHLOROBENZENE	< 1	< 250
1,2-DICHLOROETHANE	< 1	< 250
1,2-DICHLOROPROPANE	< 1	< 250
1,3-DICHLOROBENZENE	< 1	< 250
1,4-DICHLOROBENZENE	< 1	< 250
2-BUTANONE	< 10	< 2500
2-HEXANONE	< 10	< 2500
4-METHYL-2-PENTANONE	< 10	< 2500
ACETONE	< 10	< 2500
BENZENE	< 1	< 250
BROMODICHLOROMETHANE	< 1	< 250
BROMOFORM	< 1	< 250
BROMOMETHANE	< 1	< 250
CARBON DISULFIDE	< 1	< 250
CARBON TETRACHLORIDE	< 1	< 250
CHLOROBENZENE	< 1	< 250
CHLOROETHANE	< 1	< 250
CHLOROFORM	< 1	< 250
CHLOROMETHANE	< 1	< 250
CIS-1,2-DICHLOROETHENE	< 0.5	< 120
CIS-1,3-DICHLOROPROPENE	< 1	< 250
CYCLOHEXANE	< 1	< 250
DIBROMOCHLOROMETHANE	< 1	< 250
DICHLORODIFLUOROMETHANE	< 1	< 250
ETHYLBENZENE	< 1	< 250
ISOPROPYLBENZENE	< 1	< 250
METHYL ACETATE	< 10	< 2500
METHYL TERT-BUTYL ETHER	< 5	< 1200
METHYLCYCLOHEXANE	< 1	< 250
METHYLENE CHLORIDE	< 1	< 250
STYRENE	< 1	< 250
TETRACHLOROETHENE	< 1	7000
TOLUENE	< 1	< 250
TRANS-1,2-DICHLOROETHENE	< 0.5	< 120
TRANS-1,3-DICHLOROPROPENE	< 1	< 250
TRICHLOROETHENE	< 1	180 J
TRICHLOROFLUOROMETHANE	< 1	< 250
VINYL CHLORIDE	< 1	< 250
XYLENES (TOTAL)	< 1	< 250

VOC = Volatile Organic Compounds
ID = Sample Location
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 6: Sewer Backfill/Outfall VOC Analytical Data (Q3-2004)

Sample ID Sample Date (yyyy/mm/dd) Sample Medium Reporting Units	MW01-12 2004/07/14 Sanitary Backfill µg/L	MW01-13 2004/07/14 Storm Backfill µg/L	MW02-12 2004/07/16 Storm Backfill µg/L	ST02-05 2004/07/16 Surface Water - Storm Sewer Outfall µg/L
1,1,1-TRICHLOROETHANE	< 1	< 25	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 25	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 25	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 25	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 25	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 25	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 25	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 50	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 25	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 25	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 25	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 25	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 25	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 25	< 1	< 1
2-BUTANONE	< 10	< 250	< 10	< 10
2-HEXANONE	< 10	< 250	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 250	< 10	< 10
ACETONE	< 10	< 250	0.76 J B u	0.78 J
BENZENE	< 1	< 25	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 25	< 1	< 1
BROMOFORM	< 1	< 25	< 1	< 1
BROMOMETHANE	< 1	< 25	< 1	< 1
CARBON DISULFIDE	< 1	< 25	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 25	< 1	< 1
CHLOROBENZENE	< 1	< 25	< 1	< 1
CHLOROETHANE	< 1	< 25	< 1	< 1
CHLOROFORM	< 1	< 25	< 1	< 1
CHLOROMETHANE	< 1	< 25	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	33	0.47 J	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 25	< 1	< 1
CYCLOHEXANE	< 1	< 25	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 25	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 25	< 1	< 1
ETHYLBENZENE	< 1	< 25	< 1	< 1
ISOPROPYLBENZENE	< 1	< 25	< 1	< 1
METHYL ACETATE	< 10	< 250	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 120	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 25	< 1	< 1
METHYLENE CHLORIDE	< 1	18 J B u	< 1	< 1
STYRENE	< 1	< 25	< 1	< 1
TETRACHLOROETHENE	0.54 J	910	1	8
TOLUENE	< 1	< 25	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 12	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 25	< 1	< 1
TRICHLOROETHENE	2.9	29	1.3	< 1
TRICHLOROFLUOROMETHANE	< 1	< 25	< 1	< 1
VINYL CHLORIDE	< 1	< 25	< 1	< 1
XYLENES (TOTAL)	< 1	< 25	< 1	< 1

VOC = Volatile Organic Compounds
ID = Sample Location
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 7: QA/QC Aqueous VOC Analytical Data (Q3-2004)

Sample ID Sample Date (yyyy/mm/dd) Lab ID Reporting Units	EQUIPMENT RINSATE 2004/07/14 A4G160101015 µg/L	EQUIPMENT RINSATE 2004/07/15 A4G170129013 µg/L	EQUIPMENT RINSATE 2004/07/16 A4G170129027 µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10
ACETONE	< 10	< 10	0.96 J
BENZENE	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1
CHLOROFORM	1	0.95 J	1.2
CHLOROMETHANE	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1
STYRENE	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1

VOC = Volatile Organic Compounds
ID = Sample Location
DUP = Duplicate Sample
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 7: QA/QC Aqueous VOC Analytical Data (Q3-2004)

Sample ID Sample Date (yyyy/mm/dd) Lab ID Reporting Units	EQUIPMENT RINSATE 2004/08/17 A4H180183013 µg/L	EQUIPMENT RINSATE 2004/08/24 A4H250159025 µg/L	EQUIPMENT RINSATE 2004/08/26 A4H270167021 µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1
2-BUTANONE	6.3 J	7.2 J	7.6 J
2-HEXANONE	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10
ACETONE	1.8 J	1.8 J	1.8 J
BENZENE	< 1	0.39 J	0.32 J
BROMODICHLOROMETHANE	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1
CHLOROMETHANE	< 1	0.36 J	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1
ETHYLBENZENE	< 1	0.89 J	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1
STYRENE	< 1	0.87 J	< 1
TETRACHLOROETHENE	< 1	< 1	< 1
TOLUENE	0.61 J	1.2	0.67 J
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1
XYLENES (TOTAL)	< I	2.8	< 1

VOC = Volatile Organic Compounds
ID = Sample Location
DUP = Duplicate Sample
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 7: QA/QC Aqueous VOC Analytical Data (Q3-2004)

Sample ID Sample Date (yyyy/mm/dd) Lab ID Reporting Units	EQUIPMENT RINSATE 2004/08/26 A4H270167022 µg/L	EQUIPMENT RINSATE 2004/08/26 A4H270167023 µg/L	EQUIPMENT RINSATE 2004/08/30 A4H310239021 µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	0.9 J
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1
2-BUTANONE	8.3 J	8.3 J	8 J
2-HEXANONE	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10
ACETONE	1.6 J	1.7 J	3.2 J B
BENZENE	0.36 J	0.34 J	0.29 J
BROMODICHLOROMETHANE	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1
STYRENE	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1
TOLUENE	0.72 J	0.7 J	0.4 J B
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1
XYLENES (TOTAL)	0.45 J	< 1	< 1

VOC = Volatile Organic Compounds
ID = Sample Location
DUP = Duplicate Sample
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 7: QA/QC Aqueous VOC Analytical Data (Q3-2004)

Sample ID Sample Date (yyyy/mm/dd) Lab ID Reporting Units	EQUIPMENT RINSATE 2004/08/30 A4H310239022 µg/L	FIELD BLANK 2004/07/13 A4G150118012 µg/L	FIELD BLANK 2004/07/15 A4G170129014 µg/L	FIELD BLANK 2004/07/15 A4G170129015 µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	0.94 J	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1
2-BUTANONE	7.7 J	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10
ACETONE	2.7 J B	0.96 J	< 10	< 10
BENZENE	0.29 J	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	1.7	1.3	1.5
CHLOROMETHANE	< 1	0.14 J	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1
STYRENE	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1
TOLUENE	0.43 J B	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1

VOC = Volatile Organic Compounds
ID = Sample Location
DUP = Duplicate Sample
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 7: QA/QC Aqueous VOC Analytical Data (Q3-2004)

Sample ID Sample Date (yyyy/mm/dd) Lab ID Reporting Units	FIELD BLANK 2004/08/16 A4H170164003 µg/L	FIELD BLANK 2004/08/24 A4H250159026 µg/L	FIELD BLANK 2004/08/26 A4H270167017 µg/L	FIELD BLANK 2004/08/26 A4H270167018 µg/L	FIELD BLANK 2004/08/26 A4H270167019 µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	9.6 J	7.3 J	8 J	8.3 J	8.1 J
2-HEXANONE	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10
ACETONE	4.9 J	2 J	1.5 J	1.4 J	1.3 J
BENZENE	0.56 J B	0.39 J	0.36 J	0.35 J	0.35 J
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	0.34 J	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	0.9 J	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1
STYRENE	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1
TOLUENE	0.89 J	1.4	0.76 J	0.73 J	0.75 J
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	0.72 J	2.9	0.52 J	0.5 J	0.5 J

VOC = Volatile Organic Compounds
ID = Sample Location
DUP = Duplicate Sample
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 7: QA/QC Aqueous VOC Analytical Data (Q3-2004)

Sample ID Sample Date (yyyy/mm/dd) Lab ID Reporting Units	FIELD BLANK 2004/08/30 A4H310239019 µg/L	FIELD BLANK 2004/08/30 A4H310239020 µg/L	MW01-04SE DUP 2004/07/13 A4G150118013 µg/L	MW02-03SE DUP 2004/07/12 A4G140224008 µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	0.52 J	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	1	0.96 J	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1
2-BUTANONE	8 J	7.7 J	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10
ACETONE	2.7 J B	2.8 J B	< 10	< 10
BENZENE	0.22 J	0.27 J	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	0.6 J B u	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	0.54 J	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1
STYRENE	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	0.86 J	< 1
TOLUENE	0.45 J B	0.43 J B	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	0.24 J	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1

VOC = Volatile Organic Compounds
ID = Sample Location
DUP = Duplicate Sample
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 7: QA/QC Aqueous VOC Analytical Data (Q3-2004)

Sample ID Sample Date (yyyy/mm/dd) Lab ID Reporting Units	MW02-06 DUP 2004/07/16 A4G170129026 µg/L	TRIP BLANK 2004/07/12 A4G140224009 µg/L	TRIP BLANK 2004/07/13 A4G150118014 µg/L	TRIP BLANK 2004/07/14 A4G160101016 µg/L	TRIP BLANK 2004/07/15 A4G170129016 µg/L
1,1,1-TRICHLOROETHANE	< 1.7	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1.7	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	47	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1.7	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	0.63 J	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1.7	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1.7	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 3.3	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1.7	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1.7	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1.7	< 1	< 1	< 1	< 1
1,2-DICHLOROPROPANE	< 1.7	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1.7	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1.7	< 1	< 1	< 1	< 1
2-BUTANONE	< 17	1.1 J	1.2 J	1 J	< 10
2-HEXANONE	< 17	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 17	< 10	< 10	< 10	< 10
ACETONE	3.2 J	3.1 J B u	2.7 J	2.6 J	< 10
BENZENE	< 1.7	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1.7	< 1	< 1	< 1	< 1
BROMOFORM	< 1.7	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1.7	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1.7	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1.7	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1.7	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1.7	< 1	< 1	< 1	< 1
CHLOROFORM	< 1.7	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1.7	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	2	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1.7	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1.7	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1.7	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1.7	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1.7	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1.7	< 1	< 1	< 1	< 1
METHYL ACETATE	< 17	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 8.4	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1.7	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1.7	< 1	< 1	0.55 J B u	< 1
STYRENE	< 1.7	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	19	< 1	< 1	< 1	< 1
TOLUENE	< 1.7	< 1	< 1	0.23 J	0.19 J
TRANS-1,2-DICHLOROETHENE	< 0.84	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1.7	< 1	< 1	< 1	< 1
TRICHLOROETHENE	5.9	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1.7	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1.7	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1.7	< 1	< 1	< 1	< 1

VOC = Volatile Organic Compounds
ID = Sample Location
DUP = Duplicate Sample
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 7: QA/QC Aqueous VOC Analytical Data (Q3-2004)

Sample ID Sample Date (yyyy/mm/dd) Lab ID Reporting Units	TRIP BLANK 2004/07/16 A4G170129028 µg/L	TRIP BLANK 2004/07/19 A4G200158003 µg/L	TRIP BLANK 2004/08/16 A4H170164002 µg/L	TRIP BLANK 2004/08/17 A4H180183014 µg/L	TRIP BLANK 2004/08/23 A4H240168023 µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	2.4 J	< 10	0.47 J	0.42 J	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10
ACETONE	6.8 J	2 J B	3.6 J	2.2 J	0.95 J
BENZENE	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1
STYRENE	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1
TOLUENE	0.18 J	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1

VOC = Volatile Organic Compounds
ID = Sample Location
DUP = Duplicate Sample
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 7: QA/QC Aqueous VOC Analytical Data (Q3-2004)

Sample ID Sample Date (yyyy/mm/dd) Lab ID Reporting Units	TRIP BLANK 2004/08/24 A4H250159027 µg/L	TRIP BLANK 2004/08/26 A4H270167020 µg/L	TRIP BLANK 2004/08/27 A4H280121018 µg/L	TRIP BLANK 2004/08/30 A4H310239023 µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	0.77 J	0.75 J	0.66 J
2-HEXANONE	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10
ACETONE	< 10	< 10	< 10	1.3 J B
BENZENE	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1
STYRENE	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1
TOLUENE	< 1	0.57 J	0.3 J	0.35 J B
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1

VOC = Volatile Organic Compounds
ID = Sample Location
DUP = Duplicate Sample
µg/L = micrograms per liter
See Table 8 in the Third Quarter 2004 Progress Report for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 8: List of Data Validation Qualifiers

STL Qualification Flags		STL Qualification Flag Description
General Chemistry	B	Estimated result. Result is less than the reporting limit.
	G	Interference
	J	Target analyte at a reportable level
Metals	*	Relative percent difference (RPD) is outside stated control limits
	B	Estimated result. Result is less than the reporting limit.
	J	Target analyte at a reportable level
	MSB	The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.
	E	Matrix interference
	L	Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.
	N	Spiked analyte recovery is outside stated control limits
PAHs	A	Spiked analyte recovery is outside stated control limits
	B	Target analyte at a reportable level
	DIL	Presence of interfering analytes
	J	Estimated results. Result is less than that reporting limit.
	P	The percent difference between the original and confirmation analyses is greater than 25%.
	PF	The percent difference between the original and confirmation analyses is greater than 50%.
	G	Interference
	PG	The percent difference between the original and confirmation analyses is greater than 40%.
	L	Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.
PCBs	A	Spiked analyte recovery is outside stated control limits
	P	The percent difference between the original and confirmation analyses is greater than 25%.
Pesticides	A	Spiked analyte recovery is outside stated control limits
	P	The percent difference between the original and confirmation analyses is greater than 25%.
	PG	The percent difference between the original and confirmation analyses is greater than 40%.
SVOCs	A	Spiked analyte recovery is outside stated control limits
	P	The percent difference between the original and confirmation analyses is greater than 25%.
	B	Target analyte at a reportable level
	E	Estimated result. Result concentration exceeds the calibration range.
	J	Estimated results. Result is less than that reporting limit.
VOCs	A	Spiked analyte recovery is outside stated control limits
	P	The percent difference between the original and confirmation analyses is greater than 25%.
	B	Target analyte at a reportable level
	E	Estimated result. Result concentration exceeds the calibration range.
	J	Estimated results. Result is less than that reporting limit.

Payne Firm Qualification Flags	Payne Firm Qualification Flag Description
j	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
j-	The result is an estimated quantity, but the result may be biased low.
j+	The result is an estimated quantity, but the result may be biased high.
n	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
nj	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
r	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
u	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
uj	The analyte was not detected above the reporting sample quantitation limit. However, the reported quantitation limit is approx and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 9: Monthly Water Level Elevation Data (Q3-2004)

Well ID	Location	Well Type	Easting (X)	Northing (Y)	Measurement Date (m/dd/yyyy)	Potentiometric Elevation (feet msl)
CW01-01	Vernay Plant 2/3 Facility	Cedarville Aquifer Extraction Well	1573909.28	659427.70	7/12/2004	1003.85
CW01-01	Vernay Plant 2/3 Facility	Cedarville Aquifer Extraction Well	1573909.28	659427.70	8/5/2004	999.43
CW01-01	Vernay Plant 2/3 Facility	Cedarville Aquifer Extraction Well	1573909.28	659427.70	9/8/2004	985.95
CW01-02	Vernay Plant 2/3 Facility	Cedarville Aquifer Extraction Well	1573937.31	659862.08	7/12/2004	1005.07
CW01-02	Vernay Plant 2/3 Facility	Cedarville Aquifer Extraction Well	1573937.31	659862.08	8/5/2004	1004.03
CW01-02	Vernay Plant 2/3 Facility	Cedarville Aquifer Extraction Well	1573937.31	659862.08	9/8/2004	1003.38
MW01-01	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573585.54	659816.84	7/12/2004	1021.07
MW01-01	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573585.54	659816.84	8/5/2004	1020.69
MW01-01	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573585.54	659816.84	9/8/2004	1020.24
MW01-02	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573332.98	659681.44	7/12/2004	1021.82
MW01-02	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573332.98	659681.44	8/5/2004	1021.37
MW01-02	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573332.98	659681.44	9/8/2004	1020.96
MW01-02CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	1573333.17	659672.35	7/12/2004	1021.57
MW01-02CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	1573333.17	659672.35	8/5/2004	1021.36
MW01-02CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	1573333.17	659672.35	9/8/2004	1020.94
MW01-02SE	Vernay Plant 2/3 Facility	Lower Cedarville Aquifer Monitoring Well	1573199.63	659663.91	7/12/2004	1022.06
MW01-02SE	Vernay Plant 2/3 Facility	Lower Cedarville Aquifer Monitoring Well	1573199.63	659663.91	8/5/2004	1021.33
MW01-02SE	Vernay Plant 2/3 Facility	Lower Cedarville Aquifer Monitoring Well	1573199.63	659663.91	9/8/2004	1021.03
MW01-03	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573530.22	659251.03	7/12/2004	1021.32
MW01-03	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573530.22	659251.03	8/5/2004	1020.93
MW01-03	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573530.22	659251.03	9/8/2004	1020.34
MW01-03CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	1573520.79	659255.35	7/12/2004	1021.23
MW01-03CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	1573520.79	659255.35	8/5/2004	1020.79
MW01-03CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	1573520.79	659255.35	9/8/2004	1020.16
MW01-04	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573901.97	659268.68	7/12/2004	1018.90
MW01-04	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573901.97	659268.68	8/5/2004	1017.78
MW01-04	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573901.97	659268.68	9/8/2004	1016.71
MW01-04CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	1573897.44	659258.07	7/12/2004	1019.02
MW01-04CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	1573897.44	659258.07	8/5/2004	1017.92
MW01-04CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	1573897.44	659258.07	9/8/2004	1016.87
MW01-04SE	Vernay Plant 2/3 Facility	Lower Cedarville Aquifer Monitoring Well	1573887.97	659269.89	7/12/2004	1019.26
MW01-04SE	Vernay Plant 2/3 Facility	Lower Cedarville Aquifer Monitoring Well	1573887.97	659269.89	8/5/2004	1018.22
MW01-04SE	Vernay Plant 2/3 Facility	Lower Cedarville Aquifer Monitoring Well	1573887.97	659269.89	9/8/2004	1017.25
MW01-05	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573925.45	659684.42	7/12/2004	1017.51
MW01-05	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573925.45	659684.42	8/5/2004	1016.96
MW01-05	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573925.45	659684.42	9/8/2004	1016.30
MW01-05CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	1573925.66	659751.87	7/12/2004	1016.05
MW01-05CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	1573925.66	659751.87	8/5/2004	1015.51
MW01-05CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	1573925.66	659751.87	9/8/2004	1014.83
MW01-06	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573545.57	659442.63	7/12/2004	1021.39
MW01-06	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573545.57	659442.63	8/5/2004	1020.93
MW01-06	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573545.57	659442.63	9/8/2004	1020.41
MW01-07	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573055.88	659624.09	7/12/2004	1022.85
MW01-07	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573055.88	659624.09	8/5/2004	1022.04
MW01-07	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573055.88	659624.09	9/8/2004	1021.80
MW01-08	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573068.52	659382.90	7/12/2004	1022.93
MW01-08	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573068.52	659382.90	8/5/2004	1022.15
MW01-08	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573068.52	659382.90	9/8/2004	1021.84
MW01-09	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573929.47	659836.73	7/12/2004	1015.97
MW01-09	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573929.47	659836.73	8/5/2004	1015.48
MW01-09	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573929.47	659836.73	9/8/2004	1014.84
MW01-10	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573889.86	659463.59	7/12/2004	1013.33
MW01-10	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573889.86	659463.59	8/5/2004	1012.83
MW01-10	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573889.86	659463.59	9/8/2004	1012.23
MW01-11	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573618.17	659503.28	7/12/2004	1021.16
MW01-11	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573618.17	659503.28	8/5/2004	1020.70
MW01-11	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573618.17	659503.28	9/8/2004	1020.16
MW01-12	Vernay Plant 2/3 Facility	Sanitary Sewer Backfill Monitoring Well	1573630.51	659849.72	7/12/2004	1020.15
MW01-12	Vernay Plant 2/3 Facility	Sanitary Sewer Backfill Monitoring Well	1573630.51	659849.72	8/5/2004	1020.42
MW01-12	Vernay Plant 2/3 Facility	Sanitary Sewer Backfill Monitoring Well	1573630.51	659849.72	9/8/2004	1019.99
MW01-13	Vernay Plant 2/3 Facility	Storm Sewer Backfill Monitoring Well	1573955.00	659946.33	7/12/2004	1015.54
MW01-13	Vernay Plant 2/3 Facility	Storm Sewer Backfill Monitoring Well	1573955.00	659946.33	8/5/2004	1015.53
MW01-13	Vernay Plant 2/3 Facility	Storm Sewer Backfill Monitoring Well	1573955.00	659946.33	9/8/2004	1015.36
MW01-14	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573906.56	659334.31	7/12/2004	1016.98
MW01-14	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573906.56	659334.31	8/5/2004	1016.11
MW01-14	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1573906.56	659334.31	9/8/2004	1015.28
MW02-01	Omar Circle	Upper Cedarville Aquifer Monitoring Well	1573572.00	659101.05	7/12/2004	1020.76
MW02-01	Omar Circle	Upper Cedarville Aquifer Monitoring Well	1573572.00	659101.05	8/5/2004	1020.17
MW02-01	Omar Circle	Upper Cedarville Aquifer Monitoring Well	1573572.00	659101.05	9/8/2004	1019.56
MW02-02	Omar Circle	Upper Cedarville Aquifer Monitoring Well	1573915.49	659077.11	7/12/2004	1019.13

The Payne Firm, Inc.

TABLE 9: Monthly Water Level Elevation Data (Q3-2004)

Well ID	Location	Well Type	Easting (X)	Northing (Y)	Measurement Date (m/dd/yyyy)	Potentiometric Elevation (feet msl)
MW02-02	Omar Circle	Upper Cedarville Aquifer Monitoring Well	1573915.49	659077.11	8/5/2004	1017.84
MW02-02	Omar Circle	Upper Cedarville Aquifer Monitoring Well	1573915.49	659077.11	9/8/2004	1016.88
MW02-03	Omar Circle	Upper Cedarville Aquifer Monitoring Well	1574273.15	659067.16	7/12/2004	1019.16
MW02-03	Omar Circle	Upper Cedarville Aquifer Monitoring Well	1574273.15	659067.16	8/5/2004	1017.78
MW02-03	Omar Circle	Upper Cedarville Aquifer Monitoring Well	1574273.15	659067.16	9/8/2004	1016.71
MW02-03CD	Omar Circle	Middle Cedarville Aquifer Monitoring Well	1574268.14	659063.73	7/12/2004	1018.89
MW02-03CD	Omar Circle	Middle Cedarville Aquifer Monitoring Well	1574268.14	659063.73	8/5/2004	1017.61
MW02-03CD	Omar Circle	Middle Cedarville Aquifer Monitoring Well	1574268.14	659063.73	9/8/2004	1016.66
MW02-03SE	Omar Circle	Lower Cedarville Aquifer Monitoring Well	1574278.03	659070.43	7/12/2004	1018.64
MW02-03SE	Omar Circle	Lower Cedarville Aquifer Monitoring Well	1574278.03	659070.43	8/5/2004	1017.55
MW02-03SE	Omar Circle	Lower Cedarville Aquifer Monitoring Well	1574278.03	659070.43	9/8/2004	1016.76
MW02-04	Wright Street	Upper Cedarville Aquifer Monitoring Well	1574806.07	658992.87	7/12/2004	1017.10
MW02-04	Wright Street	Upper Cedarville Aquifer Monitoring Well	1574806.07	658992.87	8/5/2004	1016.21
MW02-04	Wright Street	Upper Cedarville Aquifer Monitoring Well	1574806.07	658992.87	9/8/2004	1015.48
MW02-04CD	Wright Street	Middle Cedarville Aquifer Monitoring Well	1574776.07	658806.13	7/12/2004	1017.45
MW02-04CD	Wright Street	Middle Cedarville Aquifer Monitoring Well	1574776.07	658806.13	8/5/2004	1016.30
MW02-04CD	Wright Street	Middle Cedarville Aquifer Monitoring Well	1574776.07	658806.13	9/8/2004	1015.60
MW02-05	Wright Street	Upper Cedarville Aquifer Monitoring Well	1574829.06	659289.69	7/12/2004	1016.45
MW02-05	Wright Street	Upper Cedarville Aquifer Monitoring Well	1574829.06	659289.69	8/5/2004	1015.86
MW02-05	Wright Street	Upper Cedarville Aquifer Monitoring Well	1574829.06	659289.69	9/8/2004	1015.24
MW02-05CD	Wright Street	Middle Cedarville Aquifer Monitoring Well	1574818.96	659287.48	7/12/2004	1016.62
MW02-05CD	Wright Street	Middle Cedarville Aquifer Monitoring Well	1574818.96	659287.48	8/5/2004	1015.88
MW02-05CD	Wright Street	Middle Cedarville Aquifer Monitoring Well	1574818.96	659287.48	9/8/2004	1015.35
MW02-06	Wright Street	Upper Cedarville Aquifer Monitoring Well	1574850.88	659572.86	7/12/2004	1015.48
MW02-06	Wright Street	Upper Cedarville Aquifer Monitoring Well	1574850.88	659572.86	8/5/2004	1015.14
MW02-06	Wright Street	Upper Cedarville Aquifer Monitoring Well	1574850.88	659572.86	9/8/2004	1014.64
MW02-06CD	Wright Street	Middle Cedarville Aquifer Monitoring Well	1574841.40	659578.29	7/12/2004	1015.40
MW02-06CD	Wright Street	Middle Cedarville Aquifer Monitoring Well	1574841.40	659578.29	8/5/2004	1015.02
MW02-06CD	Wright Street	Middle Cedarville Aquifer Monitoring Well	1574841.40	659578.29	9/8/2004	1014.55
MW02-07	Wright Street	Upper Cedarville Aquifer Monitoring Well	1574881.44	659913.03	7/12/2004	1013.23
MW02-07	Wright Street	Upper Cedarville Aquifer Monitoring Well	1574881.44	659913.03	8/5/2004	1013.38
MW02-07	Wright Street	Upper Cedarville Aquifer Monitoring Well	1574881.44	659913.03	9/8/2004	1013.09
MW02-08	825 Dayton Street	Upper Cedarville Aquifer Monitoring Well	1574402.39	659398.85	7/12/2004	1017.85
MW02-08	825 Dayton Street	Upper Cedarville Aquifer Monitoring Well	1574402.39	659398.85	8/5/2004	1016.85
MW02-08	825 Dayton Street	Upper Cedarville Aquifer Monitoring Well	1574402.39	659398.85	9/8/2004	1016.09
MW02-08CD	825 Dayton Street	Middle Cedarville Aquifer Monitoring Well	1574406.69	659410.34	7/12/2004	1017.72
MW02-08CD	825 Dayton Street	Middle Cedarville Aquifer Monitoring Well	1574406.69	659410.34	8/5/2004	1016.89
MW02-08CD	825 Dayton Street	Middle Cedarville Aquifer Monitoring Well	1574406.69	659410.34	9/8/2004	1016.03
MW02-08SE	825 Dayton Street	Lower Cedarville Aquifer Monitoring Well	1574413.01	659400.06	7/12/2004	1017.92
MW02-08SE	825 Dayton Street	Lower Cedarville Aquifer Monitoring Well	1574413.01	659400.06	8/5/2004	1017.05
MW02-08SE	825 Dayton Street	Lower Cedarville Aquifer Monitoring Well	1574413.01	659400.06	9/8/2004	1016.26
MW02-09	Suncrest Drive	Upper Cedarville Aquifer Monitoring Well	1575052.49	659803.02	7/12/2004	1013.29
MW02-09	Suncrest Drive	Upper Cedarville Aquifer Monitoring Well	1575052.49	659803.02	8/5/2004	1013.37
MW02-09	Suncrest Drive	Upper Cedarville Aquifer Monitoring Well	1575052.49	659803.02	9/8/2004	1013.12
MW02-10	Green Street	Upper Cedarville Aquifer Monitoring Well	1575413.32	659647.28	7/12/2004	1012.48
MW02-10	Green Street	Upper Cedarville Aquifer Monitoring Well	1575413.32	659647.28	8/5/2004	1012.60
MW02-10	Green Street	Upper Cedarville Aquifer Monitoring Well	1575413.32	659647.28	9/8/2004	1012.39
MW02-10CD	Green Street	Middle Cedarville Aquifer Monitoring Well	1575412.19	659635.97	7/12/2004	1012.72
MW02-10CD	Green Street	Middle Cedarville Aquifer Monitoring Well	1575412.19	659635.97	8/5/2004	1012.90
MW02-10CD	Green Street	Middle Cedarville Aquifer Monitoring Well	1575412.19	659635.97	9/8/2004	1012.56
MW02-11	825 Dayton Street	Upper Cedarville Aquifer Monitoring Well	1574251.91	659711.63	7/12/2004	1017.80
MW02-11	825 Dayton Street	Upper Cedarville Aquifer Monitoring Well	1574251.91	659711.63	8/5/2004	1016.93
MW02-11	825 Dayton Street	Upper Cedarville Aquifer Monitoring Well	1574251.91	659711.63	9/8/2004	1016.10
MW02-11SE	825 Dayton Street	Lower Cedarville Aquifer Monitoring Well	1574258.32	659709.88	7/12/2004	1016.56
MW02-11SE	825 Dayton Street	Lower Cedarville Aquifer Monitoring Well	1574258.32	659709.88	8/5/2004	1015.95
MW02-11SE	825 Dayton Street	Lower Cedarville Aquifer Monitoring Well	1574258.32	659709.88	9/8/2004	1015.17
MW02-12	Dayton Street	Storm Sewer Backfill Monitoring Well	1574524.35	660138.19	7/12/2004	1012.58
MW02-12	Dayton Street	Storm Sewer Backfill Monitoring Well	1574524.35	660138.19	8/5/2004	1012.54
MW02-12	Dayton Street	Storm Sewer Backfill Monitoring Well	1574524.35	660138.19	9/8/2004	1012.54
MW02-13	Omar Circle	Upper Cedarville Aquifer Monitoring Well	1574299.35	658737.28	7/12/2004	1019.04
MW02-13	Omar Circle	Upper Cedarville Aquifer Monitoring Well	1574299.35	658737.28	8/5/2004	1017.57
MW02-13	Omar Circle	Upper Cedarville Aquifer Monitoring Well	1574299.35	658737.28	9/8/2004	1016.54
MW02-14	WS College Street	Upper Cedarville Aquifer Monitoring Well	1574410.26	658442.67	7/12/2004	1017.99
MW02-14	WS College Street	Upper Cedarville Aquifer Monitoring Well	1574410.26	658442.67	8/5/2004	1016.42
MW02-14	WS College Street	Upper Cedarville Aquifer Monitoring Well	1574410.26	658442.67	9/8/2004	1015.54
MW02-14CD	WS College Street	Middle Cedarville Aquifer Monitoring Well	1574415.75	658442.24	7/12/2004	1018.10
MW02-14CD	WS College Street	Middle Cedarville Aquifer Monitoring Well	1574415.75	658442.24	8/5/2004	1016.63
MW02-14CD	WS College Street	Middle Cedarville Aquifer Monitoring Well	1574415.75	658442.24	9/8/2004	1015.77
MW02-15	Green Street	Upper Cedarville Aquifer Monitoring Well	1575453.08	659985.80	7/12/2004	1011.10
MW02-15	Green Street	Upper Cedarville Aquifer Monitoring Well	1575453.08	659985.80	8/5/2004	1011.33
MW02-15	Green Street	Upper Cedarville Aquifer Monitoring Well	1575453.08	659985.80	9/8/2004	1011.07
MW02-15CD	Green Street	Middle Cedarville Aquifer Monitoring Well	1575454.52	659997.01	7/12/2004	1010.93
MW02-15CD	Green Street	Middle Cedarville Aquifer Monitoring Well	1575454.52	659997.01	8/5/2004	1011.05
MW02-15CD	Green Street	Middle Cedarville Aquifer Monitoring Well	1575454.52	659997.01	9/8/2004	1010.87
MW02-16	WN College Street	Upper Cedarville Aquifer Monitoring Well	1575381.72	659241.43	7/12/2004	1012.60
MW02-16	WN College Street	Upper Cedarville Aquifer Monitoring Well	1575381.72	659241.43	8/5/2004	1012.40

The Payne Firm, Inc.

TABLE 9: Monthly Water Level Elevation Data (Q3-2004)

Well ID	Location	Well Type	Easting (X)	Northing (Y)	Measurement Date (m/dd/yyyy)	Potentiometric Elevation (feet msl)
MW02-16	WN College Street	Upper Cedarville Aquifer Monitoring Well	1575381.72	659241.43	9/8/2004	1012.43
MW02-16CD	WN College Street	Middle Cedarville Aquifer Monitoring Well	1575382.33	659253.29	7/12/2004	1013.36
MW02-16CD	WN College Street	Middle Cedarville Aquifer Monitoring Well	1575382.33	659253.29	8/5/2004	1013.24
MW02-16CD	WN College Street	Middle Cedarville Aquifer Monitoring Well	1575382.33	659253.29	9/8/2004	1013.11
MW02-17	825 Dayton Street	Upper Cedarville Aquifer Monitoring Well	1574291.65	659932.56	7/12/2004	1016.53
MW02-17	825 Dayton Street	Upper Cedarville Aquifer Monitoring Well	1574291.65	659932.56	8/5/2004	1016.03
MW02-17	825 Dayton Street	Upper Cedarville Aquifer Monitoring Well	1574291.65	659932.56	9/8/2004	1015.23
MW02-17CD	825 Dayton Street	Middle Cedarville Aquifer Monitoring Well	1574299.59	659930.77	7/12/2004	1016.50
MW02-17CD	825 Dayton Street	Middle Cedarville Aquifer Monitoring Well	1574299.59	659930.77	8/5/2004	1016.04
MW02-17CD	825 Dayton Street	Middle Cedarville Aquifer Monitoring Well	1574299.59	659930.77	9/8/2004	1015.10
MW02-18	Omar Circle	Upper Cedarville Aquifer Monitoring Well	1573925.76	658789.07	7/12/2004	1019.53
MW02-18	Omar Circle	Upper Cedarville Aquifer Monitoring Well	1573925.76	658789.07	8/5/2004	1017.96
MW02-18	Omar Circle	Upper Cedarville Aquifer Monitoring Well	1573925.76	658789.07	9/8/2004	1016.82
MW02-18CD	Omar Circle	Middle Cedarville Aquifer Monitoring Well	1573939.13	658788.13	7/12/2004	1019.43
MW02-18CD	Omar Circle	Middle Cedarville Aquifer Monitoring Well	1573939.13	658788.13	8/5/2004	1018.07
MW02-18CD	Omar Circle	Middle Cedarville Aquifer Monitoring Well	1573939.13	658788.13	9/8/2004	1016.83
RW01-05	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Remediation Observation Well	1573657.28	659499.33	7/12/2004	1021.16
RW01-05	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Remediation Observation Well	1573657.28	659499.33	8/5/2004	1020.70
RW01-05	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Remediation Observation Well	1573657.28	659499.33	9/8/2004	1020.19
STW01-01	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573942.88	659841.46	7/12/2004	1015.96
STW01-01	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573942.88	659841.46	8/5/2004	1015.65
STW01-01	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573942.88	659841.46	9/8/2004	1015.50
STW01-02	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573939.07	659739.01	7/12/2004	1015.75
STW01-02	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573939.07	659739.01	8/5/2004	1015.83
STW01-02	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573939.07	659739.01	9/8/2004	1015.65
STW01-03	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573929.58	659627.17	7/12/2004	1016.89
STW01-03	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573929.58	659627.17	8/5/2004	1016.66
STW01-03	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573929.58	659627.17	9/8/2004	1016.33
STW01-04	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573925.73	659518.21	7/12/2004	1017.06
STW01-04	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573925.73	659518.21	8/5/2004	1016.65
STW01-04	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573925.73	659518.21	9/8/2004	1016.27
STW01-05	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573911.24	659416.14	7/12/2004	1017.52
STW01-05	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573911.24	659416.14	8/5/2004	1017.92
STW01-05	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573911.24	659416.14	9/8/2004	1017.38
STW01-06	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573901.84	659314.78	7/12/2004	1017.56
STW01-06	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573901.84	659314.78	8/5/2004	1018.15
STW01-06	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573901.84	659314.78	9/8/2004	1016.91
STW01-07	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573845.30	659250.23	7/12/2004	1017.57
STW01-07	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573845.30	659250.23	8/5/2004	1017.54
STW01-07	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	1573845.30	659250.23	9/8/2004	1017.30

ID = Identification
msl = mean sea level
State plane coordinates from Woolpert Surveying, LLP., Dayton, Ohio (NAD83/NAVD88).

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 10: Ground Water Capture Treatment System (GWCTS) Sampling Results - Detected VOCs (results in micrograms per liter [µg/L])

Sample Date	Trichloroethene (TCE)				Tetrachloroethene (PCE)			
	Influent		Post Primary Vessel	System Effluent	Influent		Post Primary Vessel	System Effluent
	CW01-01	CW01-02			CW01-01	CW01-02		
3/20/2000	13	NI	ND	NS	55	NI	ND	NS
3/21/2000	27	NI	ND	NS	130	NI	ND	NS
3/27/2000	44	NI	ND	NS	300	NI	ND	NS
4/3/2000	34	NI	ND	NS	340	NI	ND	NS
4/10/2000	60	NI	ND	NS	690	NI	ND	NS
4/18/2000	59	NI	ND	ND	890	NI	ND	ND
5/2/2000	53	NI	ND	NS	910	NI	ND	NS
6/8/2000	63	NI	ND	NS	1,300	NI	ND	NS
7/10/2000	68	NI	ND	NS	1,700	NI	ND	NS
8/4/2000	48	NI	ND	NS	1,700	NI	ND	NS
9/15/2000	77	NI	ND	NS	1,300	NI	ND	NS
10/11/2000	72	NI	ND	NS	2,100	NI	ND	NS
11/2/2000	61	NI	ND	NS	1,500	NI	ND	NS
12/13/2000	82	NI	ND	ND	2,700	NI	ND	ND
1/9/2001	91	NI	ND	ND	1,700	NI	ND	ND
2/7/2001	81	NI	ND	ND	1,900	NI	ND	ND
3/9/2001	81	NI	ND	ND	1,300	NI	ND	ND
4/10/2001	69	NI	ND	ND	1,400	NI	ND	ND
5/2/2001	68	NI	ND	ND	1,600	NI	ND	ND
6/7/2001	83	NI	ND	ND	1,700	NI	ND	ND
7/11/2001	74	NI	ND	ND	1,600	NI	ND	ND
8/2/2001	74	NI	ND	ND	1,400	NI	ND	ND
9/10/2001	65	NI	ND	ND	1,400	NI	ND	ND
10/4/2001	CARBON VESSEL #1 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #2 BECOMES PRIMARY VESSEL; CARBON VESSEL #1 BECOMES SECONDARY VESSEL.							
10/11/2001	68	NI	ND	ND	1,400	NI	ND	ND
11/19/2001	56	NI	ND	ND	980	NI	ND	ND
12/13/2001	69	NI	ND	ND	1,300	NI	ND	ND
1/3/2002	59	NI	ND	ND	1,000	NI	ND	ND
2/7/2002	61	NI	ND	ND	1,200	NI	ND	ND
3/11/2002	69	NI	ND	ND	1,200	NI	ND	ND
4/3/2002	51	NI	ND	ND	970	NI	ND	ND
5/16/2002	48	NI	ND	ND	1,900	NI	ND	ND
6/11/2002[1]	52	NI	ND	ND	1,100	NI	ND	ND
6/28/2002	55	NI	ND	ND	1,100	NI	ND	ND
7/11/2002	CARBON VESSEL #2 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #1 BECOMES PRIMARY VESSEL; CARBON VESSEL #2 BECOMES SECONDARY VESSEL.							
7/11/2002	53	NI	ND	ND	1,400	NI	ND	ND
8/7/2002	46	NI	ND	ND	1,000	NI	ND	ND
9/5/2002	60	NI	ND	ND	1,200	NI	ND	ND
10/3/2002	61	NI	ND	ND	1,300	NI	ND	ND
11/6/2002	56	NI	ND	ND	1,100	NI	ND	ND
12/5/2002	61	NI	ND	ND	1,000	NI	ND	ND
1/13/2003	56	NI	ND	ND	990	NI	ND	ND
1/21/2003	COMMENCE PUMPING FROM CW01-02							
1/21/2003	NS	ND	NS	NS	NS	ND	NS	NS
2/5/2003	59	ND	ND	ND	1,100	ND	ND	ND
3/4/2003	ND	ND	ND	ND	18	ND	ND	ND
4/3/2003	51	ND	ND	ND	970	9	ND	ND
5/6/2003	53	ND	ND	ND	1,100	12	8	ND
5/29/2003	CARBON VESSEL #1 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #2 BECOMES PRIMARY VESSEL; CARBON VESSEL #1 BECOMES SECONDARY VESSEL.							
6/2/2003	50	ND	ND	ND	1,000	18	74	ND
7/10/2003	49	ND	ND	ND	960	20	ND	ND
8/1/2003	39	ND	ND	ND	970	27	ND	ND
9/15/2003	36	ND	ND	ND	1,100	28	ND	ND
10/6/2003	46	ND	ND	ND	890	29	ND	ND
11/3/2003	42	ND	6	ND	790	34	ND	ND
12/3/2003	47	ND	ND	ND	770	41	ND	ND
1/13/2004	43	ND	ND	ND	860	43	ND	ND
2/16/2004	42	ND	ND	ND	840	48	ND	ND
3/9/2004	42	ND	ND	ND	730	57	ND	ND
4/6/2004	43	ND	ND	ND	760	67	ND	ND
5/4/2004	41	ND	ND	ND	680	63	ND	ND
6/2/2004	CARBON VESSEL #2 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #1 BECOMES PRIMARY VESSEL; CARBON VESSEL #2 BECOMES SECONDARY VESSEL.							
6/7/2004	39	ND	ND	ND	690	70	ND	ND
7/12/2004	36	ND	ND	ND	640	68	ND	ND
8/5/2004	34	ND	ND	ND	640	69	ND	ND
9/8/2004	42	ND	ND	ND	790	94	ND	ND

NS = not sampled
ND = non detected at or above the laboratory's reporting limit (Qualified by STL, Inc.).
J = Estimated result; result concentration is below the laboratory's reporting limit (Qualified by STL, Inc.).
[1]The "Post Primary Vessel" and "System Effluent" samples collected on 6/11/02 were collected from the same location. A sample was mistakenly not collected after the second carbon vessel.
Sample collected on 7/11/02 was collected after carbon vessel #2 was changed out.

The Payne Firm, Inc.

TABLE 10: Ground Water Capture Treatment System (GWCTS) Sampling Results - Detected VOCs (results in micrograms per liter [µg/L])

Sample Date	cis-1,2-Dichloroethene (cis-1,2-DCE)				Acetone			
	Influent		Post Primary Vessel	System Effluent	Influent		Post Primary Vessel	System Effluent
	CW01-01	CW01-02			CW01-01	CW01-02		
3/20/2000	ND	NI	ND	NS	ND	NI	ND	NS
3/21/2000	ND	NI	ND	NS	ND	NI	ND	NS
3/27/2000	ND	NI	ND	NS	ND	NI	ND	NS
4/3/2000	ND	NI	ND	NS	ND	NI	ND	NS
4/10/2000	ND	NI	ND	NS	ND	NI	ND	NS
4/18/2000	ND	NI	ND	ND	ND	NI	ND	ND
5/2/2000	ND	NI	ND	NS	ND	NI	ND	NS
6/8/2000	5	NI	ND	NS	ND	NI	ND	NS
7/10/2000	6	NI	ND	NS	ND	NI	ND	NS
8/4/2000	5	NI	ND	NS	79	NI	ND	NS
9/15/2000	12	NI	ND	NS	ND	NI	ND	NS
10/11/2000	11	NI	ND	NS	ND	NI	ND	NS
11/2/2000	11	NI	ND	NS	ND	NI	ND	NS
12/13/2000	ND	NI	ND	ND	ND	NI	ND	ND
1/9/2001	14	NI	ND	ND	ND	NI	ND	ND
2/7/2001	16	NI	ND	ND	ND	NI	ND	ND
3/9/2001	19	NI	ND	ND	ND	NI	ND	ND
4/10/2001	17	NI	ND	ND	ND	NI	ND	ND
5/2/2001	14	NI	ND	ND	ND	NI	ND	ND
6/7/2001	19	NI	5	ND	82	NI	ND	ND
7/11/2001	18	NI	ND	ND	ND	NI	ND	ND
8/2/2001	17	NI	9	ND	ND	NI	ND	ND
9/10/2001	16	NI	15	ND	ND	NI	ND	ND
10/4/2001	CARBON VESSEL #1 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #2 BECOMES PRIMARY VESSEL; CARBON VESSEL #1 BECOMES SECONDARY VESSEL.							
10/11/2001	17	NI	ND	ND	ND	NI	ND	ND
11/19/2001	14	NI	ND	ND	ND	NI	ND	ND
12/13/2001	17	NI	ND	ND	ND	NI	ND	ND
1/3/2002	14	NI	ND	ND	ND	NI	ND	ND
2/7/2002	14	NI	ND	ND	ND	NI	ND	ND
3/11/2002	23	NI	ND	ND	ND	NI	ND	ND
4/3/2002	13	NI	ND	ND	ND	NI	ND	ND
5/16/2002	14	NI	9	ND	ND	NI	ND	ND
6/11/2002[1]	17	NI	15	15	ND	NI	ND	ND
6/28/2002	16	NI	20	ND	ND	NI	ND	ND
7/11/2002	CARBON VESSEL #2 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #1 BECOMES PRIMARY VESSEL; CARBON VESSEL #2 BECOMES SECONDARY VESSEL.							
7/11/2002	15	NI	ND	ND	ND	NI	ND	ND
8/7/2002	15	NI	ND	ND	ND	NI	ND	ND
9/5/2002	17	NI	ND	ND	ND	NI	ND	ND
10/3/2002	16	NI	ND	ND	ND	NI	ND	ND
11/6/2002	15	NI	ND	ND	ND	NI	ND	ND
12/5/2002	17	NI	ND	ND	ND	NI	ND	ND
1/13/2003	15	NI	ND	ND	ND	NI	ND	ND
1/21/2003	COMMENCE PUMPING FROM CW01-02							
1/21/2003	NS	ND	NS	NS	NS	ND	NS	NS
2/5/2003	16	ND	ND	ND	ND	ND	ND	ND
3/4/2003	ND	ND	ND	ND	ND	ND	ND	ND
4/3/2003	19	ND	7	ND	ND	ND	ND	ND
5/6/2003	13	ND	10	ND	ND	ND	ND	ND
5/29/2003	CARBON VESSEL #1 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #2 BECOMES PRIMARY VESSEL; CARBON VESSEL #1 BECOMES SECONDARY VESSEL.							
6/2/2003	15	ND	ND	ND	ND	ND	ND	ND
7/10/2003	16	ND	ND	ND	ND	ND	ND	ND
8/1/2003	11	ND	ND	ND	ND	ND	ND	ND
9/15/2003	10	ND	10	ND	ND	ND	ND	ND
10/6/2003	13	ND	12	ND	ND	ND	ND	ND
11/3/2003	13	ND	14	ND	ND	ND	ND	ND
12/3/2003	14	ND	ND	ND	ND	ND	ND	ND
1/13/2004	12	ND	ND	ND	ND	ND	ND	ND
2/16/2004	12	ND	ND	ND	ND	ND	ND	ND
3/9/2004	12	ND	3	ND	ND	ND	ND	ND
4/6/2004	14	ND	6	ND	ND	ND	ND	ND
5/4/2004	12	ND	7	ND	ND	ND	ND	ND
6/2/2004	CARBON VESSEL #2 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #1 BECOMES PRIMARY VESSEL; CARBON VESSEL #2 BECOMES SECONDARY VESSEL.							
6/7/2004	11	ND	7	ND	ND	ND	ND	ND
7/12/2004	10	ND	ND	ND	ND	ND	ND	ND
8/5/2004	10	ND	ND	ND	ND	ND	ND	ND
9/8/2004	13	ND	ND	ND	ND	ND	ND	ND

NS = not sampled
ND = non detected at or above the laboratory's reporting limit (Qualified by STL, Inc.).
J = Estimated result; result concentration is below the laboratory's reporting limit (Qualified by STL, Inc.).
[1]The "Post Primary Vessel" and "System Effluent" samples collected on 6/11/02 were collected from the same location. A sample was mistakenly not collected after the second carbon vessel.
Sample collected on 7/11/02 was collected after carbon vessel #2 was changed out.

The Payne Firm, Inc.

TABLE 10: Ground Water Capture Treatment System (GWCTS) Sampling Results - Detected VOCs (results in micrograms per liter [µg/L])

Sample Date	Methylene Chloride				1,1-Dichloroethane (1,1-DCA)			
	Influent		Post Primary Vessel	System Effluent	Influent		Post Primary Vessel	System Effluent
	CW01-01	CW01-02			CW01-01	CW01-02		
3/20/2000	ND	NI	ND	NS	ND	NI	ND	NS
3/21/2000	ND	NI	ND	NS	ND	NI	ND	NS
3/27/2000	ND	NI	ND	NS	ND	NI	ND	NS
4/3/2000	ND	NI	ND	NS	ND	NI	ND	NS
4/10/2000	ND	NI	ND	NS	ND	NI	ND	NS
4/18/2000	ND	NI	ND	ND	ND	NI	ND	ND
5/2/2000	ND	NI	ND	NS	ND	NI	ND	NS
6/8/2000	ND	NI	ND	NS	ND	NI	ND	NS
7/10/2000	ND	NI	ND	NS	ND	NI	ND	NS
8/4/2000	ND	NI	ND	NS	ND	NI	ND	NS
9/15/2000	ND	NI	ND	NS	ND	NI	ND	NS
10/11/2000	ND	NI	ND	NS	ND	NI	ND	NS
11/2/2000	ND	NI	ND	NS	ND	NI	ND	NS
12/13/2000	ND	NI	11	ND	ND	NI	ND	ND
1/9/2001	ND	NI	ND	ND	ND	NI	ND	ND
2/7/2001	ND	NI	ND	ND	ND	NI	ND	ND
3/9/2001	ND	NI	ND	ND	ND	NI	ND	ND
4/10/2001	ND	NI	ND	ND	ND	NI	ND	ND
5/2/2001	ND	NI	ND	ND	ND	NI	ND	ND
6/7/2001	ND	NI	ND	ND	ND	NI	ND	ND
7/11/2001	ND	NI	ND	ND	ND	NI	ND	ND
8/2/2001	ND	NI	ND	ND	ND	NI	ND	ND
9/10/2001	ND	NI	ND	ND	ND	NI	ND	ND
10/4/2001	CARBON VESSEL #1 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #2 BECOMES PRIMARY VESSEL, CARBON VESSEL #1 BECOMES SECONDARY VESSEL.							
10/11/2001	ND	NI	ND	ND	ND	NI	ND	ND
11/19/2001	ND	NI	ND	ND	ND	NI	ND	ND
12/13/2001	ND	NI	ND	ND	ND	NI	ND	ND
1/3/2002	ND	NI	ND	ND	ND	NI	ND	ND
2/7/2002	ND	NI	ND	ND	ND	NI	6	ND
3/11/2002	ND	NI	ND	ND	ND	NI	6	ND
4/3/2002	ND	NI	ND	ND	ND	NI	6	ND
5/16/2002	ND	NI	ND	ND	ND	NI	6	ND
6/11/2002[1]	ND	NI	ND	ND	ND	NI	6	6
6/28/2002	ND	NI	ND	ND	ND	NI	6	ND
7/11/2002	CARBON VESSEL #2 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #1 BECOMES PRIMARY VESSEL, CARBON VESSEL #2 BECOMES SECONDARY VESSEL.							
7/11/2002	ND	NI	ND	ND	ND	NI	ND	ND
8/7/2002	ND	NI	ND	ND	ND	NI	ND	ND
9/5/2002	ND	NI	ND	ND	ND	NI	ND	ND
10/3/2002	ND	NI	ND	ND	ND	NI	ND	ND
11/6/2002	ND	NI	ND	ND	ND	NI	ND	ND
12/5/2002	ND	NI	ND	ND	ND	NI	ND	ND
1/13/2003	ND	NI	ND	ND	ND	NI	ND	ND
1/21/2003	COMMENCE PUMPING FROM CW01-02.							
1/21/2003	NS	ND	NS	NS	NS	ND	NS	NS
2/5/2003	ND	ND	ND	ND	ND	ND	ND	ND
3/4/2003	ND	ND	ND	ND	ND	ND	ND	ND
4/3/2003	ND	ND	ND	ND	ND	ND	ND	ND
5/6/2003	ND	ND	ND	ND	ND	ND	ND	ND
5/29/2003	CARBON VESSEL #1 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #2 BECOMES PRIMARY VESSEL, CARBON VESSEL #1 BECOMES SECONDARY VESSEL.							
6/2/2003	ND	ND	ND	ND	ND	ND	ND	ND
7/10/2003	ND	ND	ND	ND	ND	ND	ND	ND
8/1/2003	ND	ND	ND	ND	ND	ND	ND	ND
9/15/2003	ND	ND	ND	ND	ND	ND	ND	ND
10/6/2003	ND	ND	ND	ND	ND	ND	ND	ND
11/3/2003	ND	ND	ND	ND	ND	ND	ND	ND
12/3/2003	ND	ND	ND	ND	ND	ND	ND	ND
1/13/2004	ND	ND	ND	ND	ND	ND	ND	ND
2/16/2004	ND	ND	ND	ND	ND	ND	ND	ND
3/9/2004	ND	ND	ND	ND	ND	ND	ND	ND
4/6/2004	ND	ND	ND	ND	ND	ND	ND	ND
5/4/2004	ND	ND	ND	ND	ND	ND	ND	ND
6/2/2004	CARBON VESSEL #2 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #1 BECOMES PRIMARY VESSEL, CARBON VESSEL #2 BECOMES SECONDARY VESSEL.							
6/7/2004	ND	ND	ND	ND	ND	ND	ND	ND
7/12/2004	ND	ND	ND	ND	ND	ND	ND	ND
8/5/2004	ND	ND	ND	ND	ND	ND	ND	ND
9/8/2004	ND	ND	ND	ND	ND	ND	ND	ND

NS = not sampled
ND = non detected at or above the laboratory's reporting limit (Qualified by STL, Inc.).
J = Estimated result; result concentration is below the laboratory's reporting limit (Qualified by STL, Inc.).
[1]The "Post Primary Vessel" and "System Effluent" samples collected on 6/11/02 were collected from the same location. A sample was mistakenly not collected after the second carbon vessel.
Sample collected on 7/11/02 was collected after carbon vessel #2 was changed out.

The Payne Firm, Inc.

TABLE 10: Ground Water Capture Treatment System (GWCTS) Sampling Results - Detected VOCs (results in micrograms per liter [µg/L])

Sample Date	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon-113)			
	Influent		Post Primary Vessel	System Effluent
	CW01-01	CW01-02		
3/20/2000	49	NI	ND	NS
3/21/2000	110	NI	ND	NS
3/27/2000	250	NI	ND	NS
4/3/2000	ND	NI	ND	NS
4/10/2000	ND	NI	ND	NS
4/18/2000	570	NI	ND	ND
5/2/2000	470	NI	ND	NS
6/8/2000	1,300	NI	30	NS
7/10/2000	1,600	NI	170	NS
8/4/2000	2,800	NI	170	NS
9/15/2000	790	NI	ND	NS
10/11/2000	940	NI	89	NS
11/2/2000	1,500	NI	92	NS
12/13/2000	1,100	NI	120	ND
1/9/2001	630	NI	ND	ND
2/7/2001	520	NI	140	ND
3/9/2001	480	NI	150	ND
4/10/2001	640	NI	180	ND
5/2/2001	1,200	NI	380	ND
6/7/2001	1,600	NI	520	ND
7/11/2001	730	NI	ND	ND
8/2/2001	690	NI	390	ND
9/10/2001	660	NI	660	ND
10/4/2001	CARBON VESSEL #1 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #2 BECOMES PRIMARY VESSEL; CARBON VESSEL #1 BECOMES			
10/11/2001	920	NI	150	ND
11/19/2001	1,100	NI	430	ND
12/13/2001	840	NI	400	ND
1/3/2002	980	NI	620	ND
2/7/2002	660	NI	520	ND
3/11/2002	930	NI	820	ND
4/3/2002	950	NI	1,100	ND
5/16/2002	1,700	NI	1,500	ND
6/11/2002[1]	690	NI	960	970
6/28/2002	780	NI	1,100	49
7/11/2002	CARBON VESSEL #2 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #1 BECOMES PRIMARY VESSEL; CARBON VESSEL #2 BECOMES			
7/11/2002	1,100	NI	53	ND
8/7/2002	710	NI	50	ND
9/5/2002	720	NI	81	ND
10/3/2002	1,600	NI	280	ND
11/6/2002	730	NI	270	ND
12/5/2002	510	NI	320	ND
1/13/2003	600	NI	480	ND
1/21/2003	COMMENCE PUMPING FROM CW01-02			
1/21/2003	NS	ND	NS	NS
2/5/2003	550	ND	560	11
3/4/2003	9	ND	670	7
4/3/2003	510	ND	460	150
5/6/2003	760	ND	640	340
5/29/2003	CARBON VESSEL #1 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #2 BECOMES PRIMARY VESSEL; CARBON VESSEL #1 BECOMES			
6/2/2003	790	ND	410	ND
7/10/2003	670	ND	480	ND
8/1/2003	440	ND	460	ND
9/15/2003	800	ND	870	140
10/6/2003	820	ND	630	170
11/3/2003	720	ND	570	200
12/3/2003	780	ND	240	ND
1/13/2004	620	ND	490	ND
2/16/2004	570	ND	520	ND
3/9/2004	610	ND	520	25
4/6/2004	580	ND	610	640
5/4/2004	560	ND	470	ND
6/2/2004	CARBON VESSEL #2 CHANGED OUT AND REPLACED WITH REACTIVATED CARBON. CARBON VESSEL #1 BECOMES PRIMARY VESSEL; CARBON VESSEL #2 BECOMES			
6/7/2004	740	ND	250	ND
7/12/2004	470	ND	280	ND
8/5/2004	600	ND	500	34
9/8/2004	490	ND	420	120

NS = not sampled
ND = non detected at or above the laboratory's reporting limit (Qualified by STL, Inc.).
J = Estimated result; result concentration is below the laboratory's reporting limit (Qualified by STL, Inc.).
[1]The "Post Primary Vessel" and "System Effluent" samples collected on 6/11/02 were collected from the same location. A sample was mistakenly not collected after the second carbon vessel.
Sample collected on 7/11/02 was collected after carbon vessel #2 was changed out.

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.26

TABLE 11: Utility Tunnel Sump Water Treatment System (UTSWTS) Sampling Results - Detected VOCs (results in micrograms per liter [µg/L])

Sample Date	Vinyl Chloride			Acetone		
	Influent	Sump Intermediate	Effluent	Influent	Sump Intermediate	Effluent
7/18/2000	ND	NS	NS	ND	NS	ND
8/11/2000	CARBON DRUM INSTALLED					
10/11/2000	30	NS	ND	ND	NS	ND
11/21/2000	16	NS	ND	ND	NS	ND
12/13/2000	11	NS	ND	68	NS	ND
1/17/2001	NEW CARBON DRUM INSTALLED					
1/9/2001	ND	NS	ND	ND	NS	ND
2/7/2001	ND	NS	ND	330	NS	ND
2/28/2001	NEW CARBON DRUM INSTALLED					
3/9/2001	ND	NS	ND	120	NS	ND
4/10/2001	5	NS	ND	ND	NS	ND
5/2/2001	ND	NS	ND	ND	NS	ND
6/7/2001	ND	NS	ND	ND	NS	ND
7/11/2001	ND	NS	ND	ND	NS	ND
7/25/2001	NEW CARBON DRUM INSTALLED					
8/2/2001	ND	NS	ND	ND	NS	ND
9/10/2001	ND	NS	ND	ND	NS	ND
10/11/2001	12	NS	ND	ND	NS	ND
11/19/2001	5	NS	ND	ND	NS	ND
12/13/2001	4	NS	ND	ND	NS	ND
1/3/2002	ND	NS	ND	ND	NS	ND
2/6/2002	INSTALL SECOND CARBON DRUM TO SYSTEM (2 CARBON DRUM SYSTEM)					
2/7/2002	ND	ND	ND	ND	ND	ND
3/11/2002	ND	ND	ND	1400	ND	ND
4/3/2002	ND	ND	ND	ND	ND	ND
5/16/2002	ND	ND	ND	ND	ND	ND
6/11/2002	ND	ND	ND	ND	ND	ND
7/11/2002	ND	ND	ND	ND	ND	ND
8/7/2002	32	ND	ND	ND	ND	ND
9/5/2002	70	ND	ND	ND	ND	ND
10/3/2002	42	ND	ND	ND	ND	ND
10/18/2002	REPLACE SECOND CARBON VESSEL					
11/6/2002	120	8	ND	ND	ND	ND
12/5/2002	46	4 J	ND	ND	ND	ND
1/13/2003	ND	ND	ND	ND	ND	ND
2/5/2003	ND	ND	ND	ND	ND	ND
3/4/2003	ND	ND	ND	ND	ND	ND
4/3/2003	ND	ND	ND	ND	ND	ND
5/6/2003	ND	ND	ND	ND	ND	ND
6/2/2003	ND	ND	ND	ND	ND	ND
7/10/2003	ND	ND	ND	ND	ND	ND
8/1/2003	5	ND	ND	ND	ND	ND
9/15/2003	16	ND	ND	ND	ND	ND
10/6/2003	15	ND	ND	ND	ND	ND
11/3/2003	24	4	ND	ND	ND	ND
12/3/2003	6	ND	ND	ND	ND	ND
1/13/2004	6	ND	ND	ND	ND	ND
2/4/2004	ND	ND	ND	ND	ND	ND
3/9/2004	3	ND	ND	ND	ND	ND
4/6/2004	ND	ND	ND	ND	ND	ND
5/4/2004	ND	4	ND	100	ND	ND
6/7/2004	8	4	ND	130	ND	ND
7/12/2004	48	6	ND	ND	ND	ND
8/5/2004	84	12	5	ND	ND	ND
9/8/2004	41	27	5	ND	ND	ND
9/23/2004	REPLACED BOTH CARBON DRUMS IN PLANT #2					

NS = not sampled
ND = non detected at or above the laboratory's reporting limit (Qualified by STL, Inc.).
J = Estimated result; result concentration is below the laboratory's reporting limit (Qualified by STL, Inc.).

The Payne Firm, Inc.

TABLE 11: Utility Tunnel Sump Water Treatment System (UTSWTS) Sampling Results - Detected VOCs (results in micrograms per liter [µg/L])

Sample Date	trans-1,2-Dichloroethene (trans-1,2-DCE)			cis-1,2-Dichloroethene (cis-1,2-DCE)		
	Influent	Sump Intermediate	Effluent	Influent	Sump Intermediate	Effluent
7/18/2000	ND	NS	NS	290	NS	NS
8/11/2000	CARBON DRUM INSTALLED					
10/11/2000	18	NS	ND	660	NS	ND
11/21/2000	9	NS	ND	540	NS	ND
12/13/2000	12	NS	ND	710	NS	ND
1/17/2001	NEW CARBON DRUM INSTALLED					
1/9/2001	5	NS	ND	330	NS	ND
2/7/2001	ND	NS	ND	190	NS	ND
2/28/2001	NEW CARBON DRUM INSTALLED					
3/9/2001	ND	NS	ND	30	NS	ND
4/10/2001	ND	NS	ND	130	NS	ND
5/2/2001	ND	NS	ND	26	NS	ND
6/7/2001	ND	NS	ND	7	NS	ND
7/11/2001	ND	NS	ND	28	NS	7
7/25/2001	NEW CARBON DRUM INSTALLED					
8/2/2001	ND	NS	ND	ND	NS	ND
9/10/2001	ND	NS	ND	ND	NS	ND
10/11/2001	ND	NS	ND	72	NS	ND
11/19/2001	ND	NS	ND	36	NS	ND
12/13/2001	ND	NS	ND	14	NS	ND
1/3/2002	ND	NS	ND	ND	NS	ND
2/6/2002	INSTALL SECOND CARBON DRUM TO SYSTEM (2 CARBON DRUM SYSTEM)					
2/7/2002	ND	ND	ND	ND	ND	ND
3/11/2002	ND	ND	ND	ND	ND	ND
4/3/2002	ND	ND	ND	ND	ND	ND
5/16/2002	ND	ND	ND	ND	ND	ND
6/11/2002	ND	ND	ND	ND	ND	ND
7/11/2002	ND	ND	ND	ND	ND	ND
8/7/2002	6	ND	ND	330	ND	ND
9/5/2002	10	ND	ND	390	ND	ND
10/3/2002	6	ND	ND	410	ND	ND
10/18/2002	REPLACE SECOND CARBON VESSEL					
11/6/2002	16	ND	ND	800	5	ND
12/5/2002	ND	ND	ND	470	11	ND
1/13/2003	ND	ND	ND	35	ND	ND
2/5/2003	ND	ND	ND	58	ND	ND
3/4/2003	ND	ND	ND	25	ND	ND
4/3/2003	ND	ND	ND	33	ND	ND
5/6/2003	18	ND	ND	240	ND	ND
6/2/2003	ND	ND	ND	65	ND	ND
7/10/2003	ND	ND	ND	36	ND	ND
8/1/2003	ND	ND	ND	62	ND	ND
9/15/2003	6	ND	ND	230	ND	ND
10/6/2003	ND	ND	ND	170	ND	ND
11/3/2003	ND	ND	ND	210	ND	ND
12/3/2003	ND	ND	ND	98	ND	ND
1/13/2004	ND	ND	ND	110	ND	ND
2/4/2004	ND	ND	ND	110	ND	ND
3/9/2004	4	ND	ND	160	ND	ND
4/6/2004	ND	ND	ND	150	ND	ND
5/4/2004	ND	ND	ND	80	ND	ND
6/7/2004	ND	ND	ND	130	ND	ND
7/12/2004	6	ND	ND	250	ND	ND
8/5/2004	7	ND	ND	310	ND	ND
9/8/2004	7	ND	ND	300	7	ND
9/23/2004	REPLACED BOTH CARBON DRUMS IN PLANT #2					

NS = not sampled
ND = non detected at or above the laboratory's reporting limit (Qualified by STL, Inc.).
J = Estimated result; result concentration is below the laboratory's reporting limit (Qualified by STL, Inc.).

The Payne Firm, Inc.

TABLE 11: Utility Tunnel Sump Water Treatment System (UTSWTS) Sampling Results - Detected VOCs (results in micrograms per liter [µg/L])

Sample Date	Trichloroethene (TCE)			Tetrachloroethene (PCE)		
	Influent	Sump Intermediate	Effluent	Influent	Sump Intermediate	Effluent
7/18/2000	90	NS	NS	83	NS	NS
8/11/2000	CARBON DRUM INSTALLED					
10/11/2000	130	NS	ND	120	NS	ND
11/21/2000	120	NS	ND	180	NS	ND
12/13/2000	140	NS	ND	170	NS	ND
1/17/2001	NEW CARBON DRUM INSTALLED					
1/9/2001	96	NS	ND	150	NS	ND
2/7/2001	36	NS	ND	55	NS	ND
2/28/2001	NEW CARBON DRUM INSTALLED					
3/9/2001	11	NS	ND	17	NS	ND
4/10/2001	32	NS	ND	37	NS	ND
5/2/2001	12	NS	ND	15	NS	ND
6/7/2001	7	NS	ND	5	NS	ND
7/11/2001	7	NS	ND	6	NS	ND
7/25/2001	NEW CARBON DRUM INSTALLED					
8/2/2001	ND	NS	ND	ND	NS	ND
9/10/2001	ND	NS	ND	ND	NS	ND
10/11/2001	ND	NS	ND	ND	NS	ND
11/19/2001	5	NS	ND	5	NS	ND
12/13/2001	6	NS	ND	5	NS	ND
1/3/2002	7	NS	ND	6	NS	ND
2/6/2002	INSTALL SECOND CARBON DRUM TO SYSTEM (2 CARBON DRUM SYSTEM)					
2/7/2002	7	ND	ND	ND	ND	ND
3/11/2002	6	ND	ND	ND	ND	ND
4/3/2002	7	ND	ND	5	ND	ND
5/16/2002	6	ND	ND	ND	ND	ND
6/11/2002	ND	ND	ND	ND	ND	ND
7/11/2002	9	ND	ND	ND	ND	ND
8/7/2002	15	ND	ND	11	ND	ND
9/5/2002	33	ND	ND	29	ND	ND
10/3/2002	16	ND	ND	16	ND	ND
10/18/2002	REPLACE SECOND CARBON VESSEL					
11/6/2002	22	ND	ND	22	ND	ND
12/5/2002	14	ND	ND	13	ND	ND
1/13/2003	ND	ND	ND	ND	ND	ND
2/5/2003	6	ND	ND	7	ND	ND
3/4/2003	ND	ND	ND	ND	ND	ND
4/3/2003	6	ND	ND	ND	ND	ND
5/6/2003	12	ND	ND	11	ND	ND
6/2/2003	6	ND	ND	5	ND	ND
7/10/2003	ND	ND	ND	ND	ND	ND
8/1/2003	6	ND	ND	ND	ND	ND
9/15/2003	26	ND	ND	15	ND	ND
10/6/2003	22	ND	ND	14	ND	ND
11/3/2003	27	ND	ND	25	ND	ND
12/3/2003	17	ND	ND	15	ND	ND
1/13/2004	18	ND	ND	11	ND	ND
2/4/2004	24	ND	ND	15	ND	ND
3/9/2004	25	ND	ND	17	ND	ND
4/6/2004	21	ND	ND	13	ND	ND
5/4/2004	16	ND	ND	11	ND	ND
6/7/2004	20	ND	ND	12	ND	ND
7/12/2004	68	ND	ND	58	ND	ND
8/5/2004	53	ND	ND	60	ND	ND
9/8/2004	110	ND	ND	120	ND	ND
9/23/2004	REPLACE SECOND CARBON VESSEL					

NS = not sampled
ND = non detected at or above the laboratory's reporting limit (Qualified by STL, Inc.).
J = Estimated result; result concentration is below the laboratory's reporting limit (Qualified by STL, Inc.).

The Payne Firm, Inc.

TABLE 11: Utility Tunnel Sump Water Treatment System (UTSWTS) Sampling Results - Detected VOCs (results in micrograms per liter [µg/L])

Sample Date	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon-113)		
	Influent	Sump Intermediate	Effluent
7/18/2000	ND	NS	ND
8/11/2000	CARBON DRUM INSTALLED		
10/11/2000	ND	NS	ND
11/21/2000	ND	NS	ND
12/13/2000	17	NS	ND
1/17/2001	NEW CARBON DRUM INSTALLED		
1/9/2001	ND	NS	ND
2/7/2001	ND	NS	ND
2/28/2001	NEW CARBON DRUM INSTALLED		
3/9/2001	ND	NS	ND
4/10/2001	ND	NS	ND
5/2/2001	ND	NS	ND
6/7/2001	ND	NS	ND
7/11/2001	ND	NS	ND
7/25/2001	NEW CARBON DRUM INSTALLED		
8/2/2001	ND	NS	ND
9/10/2001	ND	NS	ND
10/11/2001	ND	NS	ND
11/19/2001	ND	NS	ND
12/13/2001	ND	NS	ND
1/3/2002	ND	NS	ND
2/6/2002	INSTALL SECOND CARBON DRUM TO SYSTEM (2 CARBON DRUM SYSTEM)		
2/7/2002	ND	ND	ND
3/11/2002	ND	ND	ND
4/3/2002	ND	ND	ND
5/16/2002	ND	ND	ND
6/11/2002	ND	ND	ND
7/11/2002	ND	ND	ND
8/7/2002	ND	ND	ND
9/5/2002	ND	ND	ND
10/3/2002	ND	ND	ND
10/18/2002	REPLACE SECOND CARBON VESSEL		
11/6/2002	ND	ND	ND
12/5/2002	ND	ND	ND
1/13/2003	ND	ND	ND
2/5/2003	ND	ND	ND
3/4/2003	ND	ND	ND
4/3/2003	ND	ND	ND
5/6/2003	ND	ND	ND
6/2/2003	ND	ND	ND
7/10/2003	ND	ND	ND
8/1/2003	ND	ND	ND
9/15/2003	ND	ND	ND
10/6/2003	ND	ND	ND
11/3/2003	ND	ND	ND
12/3/2003	ND	ND	ND
1/13/2004	ND	ND	ND
2/4/2004	ND	ND	ND
3/9/2004	ND	ND	ND
4/6/2004	ND	ND	ND
5/4/2004	ND	ND	ND
6/7/2004	ND	ND	ND
7/12/2004	ND	ND	ND
8/5/2004	ND	ND	ND
9/8/2004	ND	ND	ND
9/23/2004	REPLACE SECOND CARBON VESSEL		

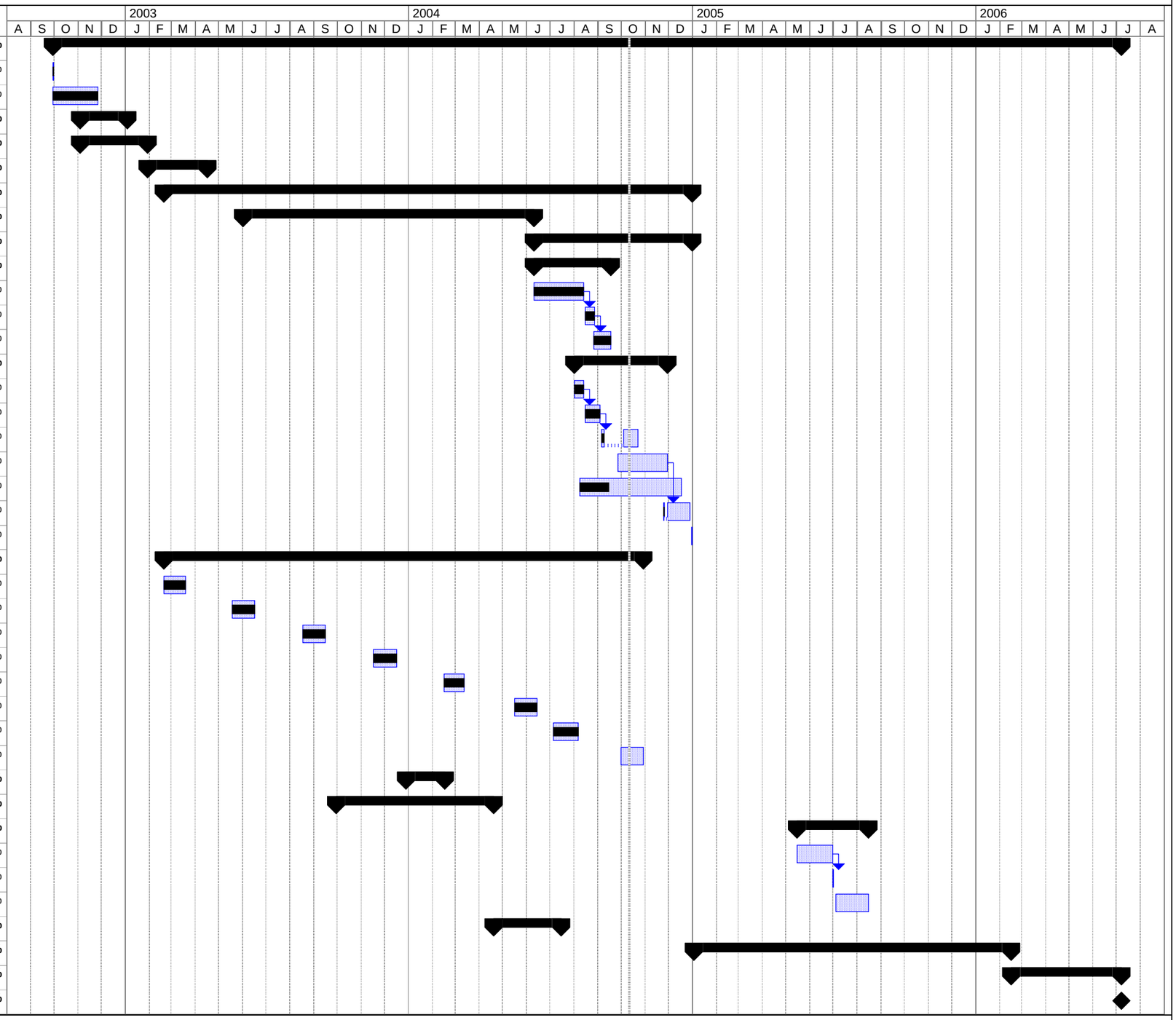
NS = not sampled
ND = non detected at or above the laboratory's reporting limit (Qualified by STL, Inc.).
J = Estimated result; result concentration is below the laboratory's reporting limit (Qualified by STL, Inc.).

Vernay Laboratories, Inc.
Project No. 0292.11.26
October 14, 2004

RCRA CORRECTIVE ACTION PROJECT SCHEDULE
Through Quarter 3 2004

Table 12: Project Schedule

ID	Task Name	% Complete
1	**RCRA CORRECTIVE ACTION PROJECT SCHEDULE**	**66%**
2	**1.0 CONSENT ORDER EFFECTIVE**	100%
3	**2.0 CURRENT CONDITIONS REPORT**	100%
4	**3.0 EI RISK SCOPING**	**100%**
7	**4.0 Ground Water Capture Interim Measure**	**100%**
13	**5.0 SOIL HOT SPOT INTERIM MEASURE ASSESSMENT**	**100%**
18	**6.0 RCRA FACILITY INVESTIGATION**	**82%**
19	**6.1 Phase I: N&E in Cedarville Aquifer/Storm Sewer Backfill**	**100%**
41	**6.2 Phase II RFI**	**46%**
42	**6.2.1 Additional Data Needs**	**100%**
43	Design/Planning	100%
44	Soil Boring Installation	100%
45	Laboratory Analysis and Data Validation	100%
46	**6.2.2 Fate and Transport Modeling**	**32%**
47	Conceptual Model Development	100%
48	Numerical Model Construction	100%
49	Model Calibration, Uncertainty and Sensitivity Analyses	15%
50	Modeling Report Preparation	0%
51	**6.2.3 Baseline Human Health and Ecological Risk Assessment**	29%
52	**6.2.4 Phase II Facility Investigation Report**	5%
53	Submit Phase II RFI Report	0%
54	**6.3 Ground Water Monitoring**	**87%**
55	1st Quarter 2003	100%
56	2nd Quarter 2003	100%
57	3rd Quarter 2003	100%
58	4th Quarter 2003	100%
59	1st Quarter 2004	100%
60	2nd Quarter 2004	100%
61	3rd Quarter 2004	100%
62	4th Quarter 2004	0%
63	**6.5 Additional Soil Source Investigation**	**100%**
67	**6.6 EI Risk Data Needs**	**100%**
70	**7.0 EI REPORT FOR GROUND WATER**	**0%**
71	Prepare Report	0%
72	Submit EI Report to USEPA	0%
73	USEPA Approval of CA750	0%
74	**8.0 EI REPORT FOR HUMAN HEALTH**	**100%**
77	**9.0 PROPOSE TO USEPA FINAL CORRECTIVE MEASURES**	**0%**
83	**10.0 USEPA SELECTS FINAL CORRECTIVE MEASURES**	**0%**
88	**11.0 IMPLEMENTATION OF FINAL CORRECTIVE MEASURES**	**0%**



APPENDICIES

APPENDIX I

CD-ROM CONTAINING ADOBE ACROBAT® DOCUMENTS:

A. Third Quarter 2004 Progress Report (excluding laboratory analytical reports)
B. Third Quarter 2004 Laboratory Analytical Reports
C. Third Quarter 2004 Data Validation Memoranda
D. Third Quarter 2004 Ground Water Sampling Forms

APPENDIX II

BORING LOGS FROM THE THIRD QUARTER 2004

APPENDIX III

CORRESPONDENCE BETWEEN VERNAY AND U.S. EPA ON THE ENVIRONMENTAL INDICATORS CA725