Appendix VI
RCRA Water Well Identification and Sampling Report

RCRA CORRECTIVE ACTION
WATER WELL SURVEY
AND SAMPLING REPORT

VERNAY LABORATORIES, INC. FACILITY
875 Dayton Street
Yellow Springs, Ohio

Project No. 0292.11.31

June 29, 2004

Prepared For

VERNAY LABORATORIES, INC.
Yellow Springs, Ohio

Prepared By

THE PAYNE FIRM, INC.
11231 Cornell Park Drive
Cincinnati, Ohio 45242
513-489-2255 Fax: 513-489-2533

In collaboration with

ENVIRON

ENVIRON International Corporation

TABLE OF CONTENTS

List of Figures

List of Tables

List of Appendices

LIST OF ACRONYMS

1,2-DCP	1,2-Dichloropropane
Facility	875 Dayton Street
GCCHD	Greene County Combined Health District
Payne Firm	The Payne Firm, Inc.
PCE	Tetrachloroethene
RCRA	Resource Conservation and Recovery Act
TCE	Trichloroethene
US EPA	United States Environmental Protection Agency

1.0 INTRODUCTION

On December 22, 2003, The Payne Firm, Inc. (Payne Firm) in cooperation with the Greene County Combined Health District (GCCHD) initiated a water well survey within a defined area in Yellow Springs to identify water wells and other structures (i.e., sumps, cisterns, and ponds) that may collect ground water in the vicinity of the Vernay Laboratories, Inc. (Vernay) facility located at 875 Dayton Street (Facility). The survey was conducted for Vernay as part of the Resource Conservation and Recovery Act (RCRA) Corrective Action with the United States Environmental Pollution Agency (US EPA). The main objective of the survey was to collect information for the RCRA Current Human Exposures under Control Environmental Indictor (CA725 EI) report to confirm that all current human exposures to releases of hazardous waste or hazardous constituents at or from the Facility are under control. A copy of a GCCHD letter and survey questionnaire mailed to property owners in the survey area is included in Appendix I. The survey area is shown on Figure 1.

The information presented in this report was obtained through reconnaissance, telephone correspondence, notification mailings, follow-up door-to-door survey interviews, and review of property parcel information on the Greene County Auditor's web page. Section 2.0 of this report discusses the methodology that was used to conduct the survey. Sections 3.0 and 4.0 present the results of the survey and water well sampling activities conducted by the Payne Firm.

2.0 METHODOLOGY

2.1 Well Survey Area

The well survey area is located in Yellow Springs (Greene County), Ohio as depicted on Figure 1. A list of the properties within the survey area is included in Table 1.

The survey area was determined by the Payne Firm and ENVIRON International Corporation in November 2003. The boundary of the survey area was based on an evaluation of Vernay ground water monitoring well data that included at that time detections of tetrachloroethene (PCE), trichloroethene (TCE), 1,2-dichloropropane (1,2-DCP), and freon-113 in ground water of the Cedarville Aquifer beneath, and downgradient of the Facility. The ground water data was presented to the US EPA in the Payne Firm's December 22, 2003 "RCRA Corrective Action Technical Memorandum No. 3, Ground Water

Monitoring." Based on the concentrations detected at monitoring wells and the known ground water flow direction (east to southeast), it was determined that the survey area needed to include properties along Dayton Street and properties between the Facility and: West South College Street, and Green Street (Figure 1). In addition, properties to the west and northwest of the Facility (upgradient) were also included in the well survey area.

As discussed in Sections 2.3 and 2.4, all properties in the survey area were mailed survey questionnaires (Appendix I). Subsequent door-to-door follow-up visits and telephone calls were completed within a portion of the survey area.

2.2 Survey Mailing Process

Following the development of the survey area, the Payne Firm initiated a mailing to all known 190 property owners within the survey area on December 22, 2003. Included in this mailing campaign was a brief letter from Mark Isaacson, Program Manager for the GCCHD, asking the recipient to complete an included survey questionnaire to be returned to the GCCHD. Examples of the letter and survey questionnaire are included in Appendix I. Mr. Isaacson forwarded all responses to the Payne Firm. The survey requested information on street addresses, names, home and work phone numbers, presence of a water well, sump, cistern, pond, or any other structure that could collect ground water. If the information provided in a completed questionnaire did not provide sufficient information, the Payne Firm initiated a follow-up telephone call to the occupant to request additional or clarifying information, including all cases where a "well present" response was noted.

2.3 Follow-Up and Door-to-Door Survey Process

If a water well survey questionnaire response was not received within four weeks from an address included in the survey area (Figure 1), telephone calls and door-to-door visits were conducted to attempt to collect the desired information for the property.

Between February 11, 2003 and April 2, 2003, the Payne Firm conducted the telephone calls and follow-up property visits within the survey area where a response was not received. If no response was obtained, a duplicate copy of the initial well survey questionnaire and GCCHD letter (Appendix I) was left at the property, including a note card from the Payne Firm explaining the follow-up request to respond to the survey.

Overall, these efforts generated 173 responses from a total of 190 properties within the survey area, a response rate of 91 percent. The remaining "non-response" properties were visually surveyed from sidewalks or streets to determine if well structures were present, and received, at a minimum, two written survey requests and personal visits and/or telephone calls.

3.0 SURVEY RESULTS

Using the results of the notification mailings, door-to-door interviews, telephone calls, and reviews of county parcel maps and databases, the survey revealed evidence of 22 water wells in the Cedarville Aquifer. Water wells were not identified in the lower aquifer (Brassfield Aquifer) from this survey. Five water wells were reported as being used for potable use (e.g. drinking, bathing, showering, cooking). Four water wells were reported as being used for non-potable use (e.g. irrigation, lawn watering, car washing). Eleven water wells were reported from the survey as being on the property, and as not currently being used. In addition, two properties (860 Dayton Street and 759 Dayton Street) were identified as having ground water monitoring wells. The water well survey results are summarized on Table 1. The properties with water wells are shown on Figure 2.

The survey also revealed evidence of 41 properties with sumps, seven properties with cisterns, and 11 properties with ponds that are located within the survey area. These properties are indicated on Table 1.

4.0 WATER WELL SAMPLING AND RESULTS

On March 29 and March 30, 2004, the nine water wells that were reported as being used were sampled for volatile organic compounds (VOCs). The objective of the water well sampling event was to determine if there was a current unacceptable risk to human health and the environment posed by the use of the well by the property owner, and support the CA725 EI report.

The water well sampling methodology consisted of the following elements:

- Prior to sampling a water well, appropriate measurements such as the static water level and total well depth were collected if the well head was accessible at the surface. A water level meter dedicated for potable use wells was used to measure the water level and total depth of the well.
- The well pumping system was used to collect the water samples. Water samples were collected from the sampling point (i.e., spigot or faucet) closest to the well. Two samples were collected from each water well sampling point: 1) one sample collected immediately when the spigot was turned on ("A" sample); and 2) a second sample ("B" sample) collected after 10 minutes of purging the well, or until sufficient volume had been purged to remove all water standing in the distribution system (including pressure/holding tank, if present).
- If the water well did not have an operable pumping system and the well head was accessible, samples from the water well were collected with a submersible pump. New tubing was used at each water well that was sampled with the submersible pump. Two samples were collected from the water well as noted above (A sample and B sample).
- Water samples were transferred to laboratory supplied containers for analysis of VOCs.
- The water samples were appropriately packaged and shipped to the project laboratory.
- Water sampling information was recorded in the project field logbook.

A summary of the water well analytical data is presented on Table 2. A copy of the analytical report is located in Appendix II. Of the nine properties that currently use the water well, seven properties did not detect any VOCs above the laboratory reporting limits. Two properties, 690 Wright Street and 545 Dayton Street, did have detections of VOCs above the laboratory reporting limits, as presented on Table 2. According to the property owners, these water wells are not used for potable purposes, but are used only to water the lawn in the summer. Both properties are connected to the Village of Yellow Springs municipal water system.

5.0 CONCLUSIONS

- The survey generated a response rate of 91 percent from a total of 190 properties within the survey area.

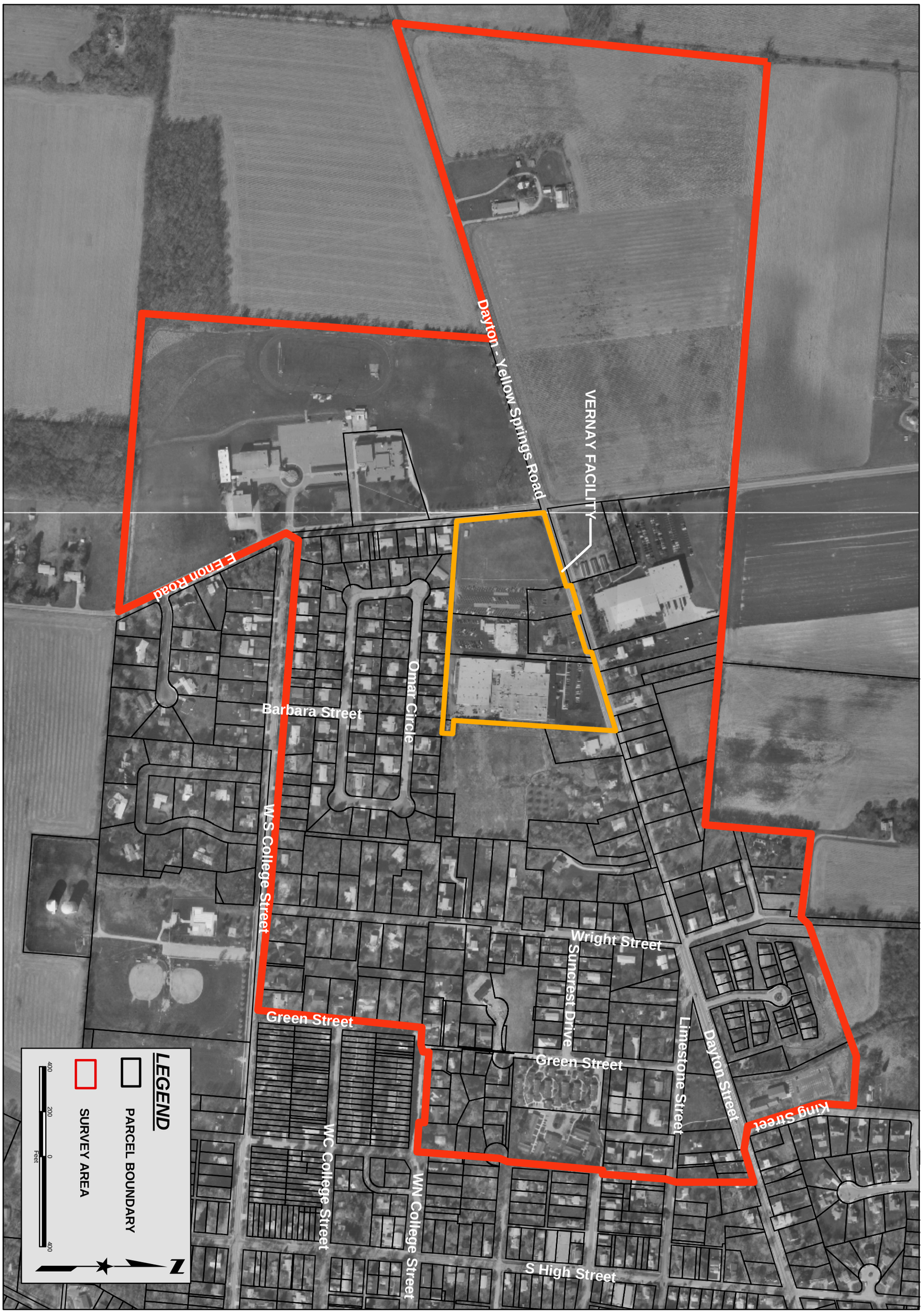
- The survey responses indicated the existence of 20 water wells and two monitoring wells within the survey area. Five water wells were reported as being used for potable purposes and four water wells as non-potable use. Eleven water wells identified from the survey were not being used, and two wells were identified only for ground water monitoring purposes (other than the Vernay RCRA Corrective Action monitoring wells). Water wells were not identified in the Brassfield Aquifer within the survey area.

- Sampling results indicated no reportable detections of VOCs in potable-use water wells. Some VOCs were detected above a reporting a limit from two non-potable water wells; both properties are connected to the Village of Yellow Springs municipal water system.

- The survey responses also indicated 41 properties with sumps, seven properties with cisterns, and 11 properties with ponds located within the survey area.

- Information provided in this report will be used to complete the CA725 EI report, and to make decisions regarding follow-up activities.

FIGURES



F:\Data\PFI-MGT\Vernay\GIS\1st Qtr (2004)\SURVEY_AREA.mxd

CLIENT: VERNAY LABORATORIES, INC.	FIGURE NO. 1	DATE 6/8/04	The Payne Firm, Inc. Environmental Consultants Cincinnati, Ohio
TITLE: SURVEY AREA	DRAWN BY ALH	APPROVED BY KDK	
	PROJECT NO. 292.11.35		

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

WW02-195 Park Meadows
King Street
WW02-545 Dayton
Dayton Street
Limestone Street
WW02-860 Dayton North Well
WW02-860 Dayton South Well
WW02-850 Dayton
WW02-780 Dayton
WW02-775 Dayton
WW02-825 Dayton
WW02-880 Dayton
VERNAY FACILITY
WW02-324 Dayton
Wright Street
Suncrest Drive
Green Street
S High Street
WW02-602 Wright
WW02-550 Green
WW02-845 Dayton
WW01-Plant 2
Dayton - Yellow Springs Road
WW02-675 Wright
WW02-685 Wright
WW02-409 WN College
WW02-690 Wright
Omar Circle
WN College Street
WW02-420 E. Enon
WW02-820 Green
Barbara Street
Green Street
WC College Street
W.S College Street
E. Enon Road

LEGEND

- PARCEL BOUNDARY
- WELL SURVEY AREA
- PROPERTIES WITH WELLS
- NO USE WATER WELLS
- POTABLE WATER WELLS
- NON-POTABLE WATER WELLS

N

400 200 0 400
Feet

F:\Data\PFI-MG1\Vernay\GIS\1st Qtr (2004)\WaterWellProperties.mxd

The Payne Firm, Inc.
Environmental Consultants
Cincinnati, Ohio

FIGURE NO.	2
DATE	6/8/04
DRAWN BY	ALH
APPROVED BY	KDK
PROJECT NO.	292.11.35

CLIENT: VERNAY LABORATORIES, INC.

TITLE: IDENTIFIED WATER WELL LOCATIONS WITHIN THE SURVEY AREA

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

TABLES

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Yellow Springs, Ohio
Project No. 0292.11.31

Table 1: Survey Results

Address of Property Owner		Survey Received	Well	Sump	Pond	Cistern	Comments
	Box 23						also owns 140 N. Wright
120	Davis Drive	x					also owns 680 Limestone
314	Dayton Street	x					
324	E. Dayton-Yellow Springs Road	x	x	x			potable water well
535	Dayton Street	x					
545	Dayton Street	x	x				also owns 455 W. Limestone; non-potable water well
539	Dayton Street	x					
600	Dayton Street						
601	Dayton Street	x		x			
620	Dayton Street	x					
702	Dayton Street	x					
703	Dayton Street	x		x			
705	Dayton Street						
726	Dayton Street	x					
735	Dayton	x					
740	Dayton Street	x		x		x	well abandoned
745	Dayton	x					
750	Dayton Street	x		x			
759	Dayton Street	x	x	x			monitoring well
775	Dayton Street	x	x	x			potable water well
777	Dayton Street	x					
780	Dayton Street	x	x	x			potable water well
796	Dayton Street	x					
820	Dayton Street	x					
825	Dayton Street	x	x			x	potable water well
850	Dayton Street	x	x	x			potable water well
860	Dayton Street	x (3)	x (3)				1 non-potable water well, 1 unused water well and 1 monitoring well
875	Dayton Street	x	x	x			unused water well
880	Dayton Street	x	x				unused water well
888	Dayton Street	x					
360	E. Enon Road	x					
205	E. Enon Road						
325	E. Enon Road	x					
335	E. Enon Road	x					
345	E. Enon Road						
365	E. Enon Road	x					
305	E. Enon Road	x					
120	E. South College	x					also owns property at NW corner of Dayton and E. Enon
	Exempted Village School District	x	x	x			non-potable water well
402	Fairfield Road	x	x				also owns 845 Dayton; unused water well
440	Green Street	x			x		
460	Green Street	x					
550	Green Street	x	x				unused water well; well disconnected in April 2004
605	Green Street	x					
618	Green Street	x		x			
620	Green Street	x					
702	Green Street	x					
718	Green Street	x					
720	Green Street	x					
802	Green Street	x					
820	Green Street	x	x	x			unused water well
5000	Hunter Road						
251	King Street	x					

The Payne Firm, Inc.

Address of Property Owner		Survey Received	Well	Sump	Pond	Cistern	Comments
291	King Street	x		x		x	also owns 590 W. Limestone
9	Lawson Place	x					
10	Lawson Place	x					
11	Lawson Place	x					
1985	Leonard Avenue	x					also owns west side of Wright near Dayton
225	Marquis Terrance	x					also owns vacant lot on Green St.
4445	Meredith Road	x					also owns 440 Suncrest
538	N. Detroit Street	x					also owns 840 Wright/1Lawson place
2506	Navarra Drive #625	x					also owns 619 Omar
422	North Park Place	x					also owns 642 Omar
422	North Walnut Street						
602	Omar Circle	x					
603	Omar Circle	x					
607	Omar Circle	x		x			
610	Omar Circle	x		x			
611	Omar Circle	x					
614	Omar Circle						
615	Omar Circle	x					
623	Omar Circle	x					
626	Omar Circle	x					
630	Omar Circle	x			x		
638	Omar Circle	x					
646	Omar Circle	x					
647	Omar Circle	x					
650	Omar Circle	x					
655	Omar Circle	x					
658	Omar Circle	x		x			
659	Omar Circle	x		x			
662	Omar Circle	x					
666	Omar Circle	x		x			
667	Omar Circle	x					
668	Omar Circle	x					
670	Omar Circle	x					
671	Omar Circle	x					
672	Omar Circle						
673	Omar Circle	x					
674	Omar Circle						
675	Omar Circle	x					
678	Omar Circle	x			x		
680	Omar Circle	x					
682	Omar Circle	x					
684	Omar Circle	x					
686	Omar Circle	x					
687	Omar Circle	x					
688	Omar Circle	x					
690	Omar Circle	x					
693	Omar Circle	x					
694	Omar Circle	x					
697	Omar Circle	x					
	P.O. Box 134	x					also owns 580 W. Limestone
	P.O. Box 452	x		x			also owns 325 W. North College
	P.O. Box 61	x					also owns 634 Omar
	P.O. Box 841	x		x			also owns 765 Dayton St.
	P.O. Box 92	x					also owns 302 Wright St.
205	Park Club Lane	x					also owns 515 W. S. College
195	Park Meadows Drive	x	x				unused water well
143	S. Walnut Street	x		x			also owns 577 WS College
1302	Shawnee Drive	x					also owns 425 Suncrest
4830	Stony Creek Road	x					also owns 890 Wright St.
401	Suncrest	x		x			
414	Suncrest Drive	x					
426	Suncrest Drive	x					
437	Suncrest Drive	x					
449	Suncrest Drive						

The Payne Firm, Inc.

Address of Property Owner		Survey Received	Well	Sump	Pond	Cistern	Comments
457	Suncrest	x					
460	Suncrest	x			x		
473	Suncrest Drive	x					
480	Suncrest	x					
750	Union Street	x					
733	Union Street						
712	Union Street	x					
420	W,. Whiteman Street	x					
335	W. College Street						
914	W. Grand Avenue						also owns 794 Dayton Street
650	W. Limestone Street	x		x	x		
640	W. Limestone Street	x					
455	W. Limestone Street	x					also owns 545 Dayton Street
428	W. Limestone Street	x					
430	W. Limestone Street	x		x			
345	W. North College Street	x					
355	W. North College Street	x					
365	W. North College Street	x					
375	W. North College Street	x					
405	W. North College	x				x	
405 1/2	W. North College Street	x					
407	W. North College Street						
409	W. North College Street	x	x			x	unused water well
425	W. South College Street	x					
445	W. South College Street	x			x		
449	W. South College Street	x		x	x		
501	W. South College Street	x					
503	W. South College Street	x					
509	W. South College Street	x					
535	W. South College Street	x					
585	W. South College Street	x		x			
603	W. South College Street	x					
611	W. South College Street	x					
615	W. South College	x					
625	W. South College Street	x		x			
725	W. South College Street						
775	W. South College Street	x					
416	W. Whiteman Street						
412	W. Whiteman Street	x					
408	W. Whiteman Street	x					
404	W. Whiteman Street	x					
412	W. Whiteman Street	x					
130	Wright Street	x		x	x		
225	Wright Street	x		x			
250	Wright Street	x		x			
333	Wright Street	x					
350	Wright Street	x		x			
450	Wright Street	x					
550	Wright Street	x					
575	Wright Street	x					
602	Wright Street	x	x	x		x	cistern is abandoned, unused water well
605	Wright Street	x				x	
610	Wright Street	x			x		
611	Wright Street	x					
615	Wright Street	x		x			
640	Wright Street	x		x			
660	Wright Street	x					
675	Wright Street	x	x	x			unused water well
685	Wright Street	x	x		x		unused water well
688	Wright Street	x		x			
690	Wright Street	x	x	x			non-potable water well
700	Wright Street	x					
725	Wright Street	x					
740	Wright Street	x					
745	Wright Street	x					

The Payne Firm, Inc.

Address of Property Owner		Survey Received	Well	Sump	Pond	Cistern	Comments
760	Wright Street	x		x			
765	Wright Street	x		x	x		
780	Wright Street	x					
785	Wright Street	x		x			
790	Wright Street	x					
825	Wright Street	x		x			
1112	Xenia Avenue	x					
		x					
Totals	190	173	22	41	11	7	

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Yellow Springs, Ohio
Project No. 0292.11.31

Table 2: Summary of Water Well Analytical Laboratory Results (2004)

Property Address	Sample Date	Sample Location	Sample	cis-1,2-DCE	Freon-113	Xylenes	1,1,1-TCA	TCE	PCE
324 E. Dayton	3/30/2004	Outside Spigot	A	ND	ND	ND	ND	ND	ND
			B	ND	ND	ND	ND	ND	ND
545 Dayton	3/30/2004	Water Well	A	ND	ND	ND	3.3	2.3	ND
			B	ND	ND	ND	3	2.2	ND
775 Dayton	3/30/2004	Kitchen Faucet	A	ND	ND	ND	ND	ND	ND
			B	ND	ND	ND	ND	ND	ND
780 Dayton	3/31/2004	Outside Spigot	A	ND	ND	ND	ND	ND	ND
			B	ND	ND	ND	ND	ND	ND
825 Dayton	4/5/2004	Spigot After Pressure Tank	A	ND	ND	ND	ND	ND	ND
			B	ND	ND	ND	ND	ND	ND
850 Dayton	3/30/2004	Inside Plumbing	A	ND	ND	ND	ND	ND	ND
			B	ND	ND	ND	ND	ND	ND
860 Dayton	3/31/2004	Water Well	A	ND	ND	ND	ND	ND	ND
			B	ND	ND	ND	ND	ND	ND
420 E. Enon	3/30/2004	Outside Hose	A	ND	ND	ND	ND	ND	ND
			B	ND	ND	ND	ND	ND	ND
690 Wright	3/31/2004	Outside Hose	A	ND	12	2	ND	ND	2.2
			B	1.2	33	ND	ND	3.1	12

ND=not detected above the laboratory reporting limit
A = sample collected immediately
B = sample collected after 10 minutes of purging the well
Results reported in micrograms per liter (ug/L).

APPENDIX I

GCCHD LETTER AND QUESTIONNAIRE

GCCHD
GREENE COUNTY COMBINED HEALTH DISTRICT
Mark A. McDonnell, RS, MS, Health Commissioner
Robert P. Dillaplain, MD, Medical Director

December 22, 2003

Re: Survey to Identify Existing Water Wells and Other Ground Water Collection Structures

Dear Property Owner or Resident:

The Greene County Combined Health District is conducting a survey within a defined area in Yellow Springs to identify wells or other structures that may collect ground water. Ground water is water that collects underground in spaces between soil and rocks. This survey is being conducted as part of the Vernay Laboratories, Inc. (Vernay) ground water investigation at and near its facility at 875 Dayton Street. Vernay is studying contaminated soil and ground water under an agreement with the United States Environmental Protection Agency (U.S. EPA).

The Greene County Combined Health District is working in cooperation with the Payne Firm, Inc., an environmental consultant for Vernay to help gather the well information.

It is important that you respond to the attached questionnaire even if you do not have a well or other ground water collection structure.

Please return the completed questionnaire in the enclosed self-addressed stamped envelope.

If you have any questions, please call Kevin Kallini or David Contant at the Payne Firm, Inc. (environmental consultant for Vernay) at 1-(800)-229-1443. If you identify that a water well or ground water collection structure exists on your property, you may be contacted by the Payne Firm for additional information.

Thank you for your cooperation in this matter.

Sincerely,

Mark Isaacson
Program Manager Water, Sewage and Solid Waste
Environmental Division

360 Wilson Drive • Xenia, Ohio 45385
(937) 374-5600 • (866) 858-3588 • Fax (937) 374-5675

WELL WATER AND GROUND WATER STRUCTURE QUESTIONNAIRE

Greene County Combined Health District

Name_____

Address _____

Residential or Business Property? **(Circle which applies)** **Residential** **Business**

Do you own the property? **(Circle which applies)** **Yes** **No**

If you are not the owner, please provide the following information where the owner(s) can be reached:

Owner Name _____

Owner Address _____

*Owner's Phone (home)** _____ *Owner's Phone (work)** _____

Your Phone (home)* _____ Your Phone (work)* _____

When is the best time to call? _____

How long have you occupied the property? _____

Do you have any of the following structures on your property? **(Circle which applies)**

WELL?	**Yes**	**No**
CISTERN?**	**Yes**	**No**
BASEMENT SUMP PUMP?	**Yes**	**No**
POND?	**Yes**	**No**

Any other system that may collect ground water (if yes, please describe below or on the back of this form)?

_____

*Phone numbers will only be used for the purposes of follow-up as it pertains to this questionnaire, if needed.

**A CISTERN is a large tank for storing water, especially rain water.

APPENDIX II

ANALYTICAL LABORATORY REPORTS

ANALYTICAL REPORT

PROJECT NO. 292.11.35

VERNAY-OH

Lot #: A4C310248

David Contant

The Payne Firm, Inc.
11231 Cornell Park Drive
Cincinnati, OH 45242

SEVERN TRENT LABORATORIES, INC.

Roger K. Toth
Project Manager

April 8, 2004

EXECUTIVE SUMMARY - Detection Highlights

A4C310248

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
FB01/033004 03/30/04 12:10 001				
Acetone	0.78 J	10	ug/L	SW846 8260B
RINS01/033004 03/30/04 10:15 002				
Acetone	0.81 J	10	ug/L	SW846 8260B
TRIP BLANK 03/30/04 003				
Acetone	1.0 J	10	ug/L	SW846 8260B
Methylene chloride	0.80 J,B	1.0	ug/L	SW846 8260B
WELL/545 DAYTON A/033004 03/30/04 10:28 004				
Acetone	0.70 J	10	ug/L	SW846 8260B
Benzene	0.21 J	1.0	ug/L	SW846 8260B
2-Butanone	0.51 J	10	ug/L	SW846 8260B
1,1-Dichloroethene	0.56 J	1.0	ug/L	SW846 8260B
Toluene	0.26 J	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	3.3	1.0	ug/L	SW846 8260B
Trichloroethene	2.3	1.0	ug/L	SW846 8260B
WELL/545 DAYTON B/033004 03/30/04 10:44 005				
1,1-Dichloroethene	0.54 J	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	3.0	1.0	ug/L	SW846 8260B
Trichloroethene	2.2	1.0	ug/L	SW846 8260B
WELL/324 E DAYTON A/033004 03/30/04 11:55 008				
Acetone	0.79 J	10	ug/L	SW846 8260B
2-Butanone	0.44 J	10	ug/L	SW846 8260B

ANALYTICAL METHODS SUMMARY

A4C310248

PARAMETER	ANALYTICAL METHOD
Volatile Organics by GC/MS	SW846 8260B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A4C310248

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
GC9KC	001	FB01/033004	03/30/04	12:10
GC9KH	002	RINS01/033004	03/30/04	10:15
GC9KJ	003	TRIP BLANK	03/30/04	
GC9KL	004	WELL/545 DAYTON A/033004	03/30/04	10:28
GC9KP	005	WELL/545 DAYTON B/033004	03/30/04	10:44
GC9KR	006	WELL/420 EAST ENON A/033004	03/30/04	13:40
GC9KX	007	WELL/420 EAST ENON B/033004	03/30/04	13:46
GC9K0	008	WELL/324 E DAYTON A/033004	03/30/04	11:55
GC9K4	009	WELL/324 E DAYTON B/033004	03/30/04	12:05
GC9K7	010	WELL/850 DAYTON A/033004	03/30/04	16:15
GC9K9	011	WELL/850 DAYTON B/033004	03/30/04	16:25
GC9LA	012	WELL/775 E. DAYTON A/033004	03/30/04	14:15
GC9LG	013	WELL/775 E. DAYTON B/033004	03/30/04	14:25

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

PAYNE FIRM INC.

Client Sample ID: FB01/033004

GC/MS Volatiles

Lot-Sample #...: A4C310248-001 **Work Order #...:** GC9KC1AA **Matrix.....:** WQ
Date Sampled...: 03/30/04 12:10 **Date Received..:** 03/31/04
Prep Date.....: 04/05/04 **Analysis Date..:** 04/05/04
Prep Batch #...: 4097213
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**0.78 J**	**10**	**ug/L**
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	0.50	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	10	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	10	ug/L
Methylene chloride	ND	1.0	ug/L
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: FB01/033004

GC/MS Volatiles

Lot-Sample #...: A4C310248-001 **Work Order #...:** GC9KC1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(73 - 122)
1,2-Dichloroethane-d4	90	(61 - 128)
Toluene-d8	88	(76 - 110)
4-Bromofluorobenzene	90	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

PAYNE FIRM INC.

Client Sample ID: RINS01/033004

GC/MS Volatiles

Lot-Sample #...: A4C310248-002 **Work Order #...:** GC9KH1AA **Matrix.....:** WQ
Date Sampled...: 03/30/04 10:15 **Date Received..:** 03/31/04
Prep Date.....: 04/05/04 **Analysis Date..:** 04/05/04
Prep Batch #...: 4097213
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**0.81 J**	**10**	**ug/L**
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	0.50	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	10	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	10	ug/L
Methylene chloride	ND	1.0	ug/L
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4D060200 **Work Order #...:** GDLRD1AC-MS **Matrix.....:** WG
MS Lot-Sample #: A4D060200-004 GDLRD1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Dichloropropane	ND	10	9.4	ug/L	94		SW846 8260B
	ND	10	9.4	ug/L	94	0.12	SW846 8260B
cis-1,3-Dichloropropene	ND	10	7.8	ug/L	78 a		SW846 8260B
	ND	10	8.0	ug/L	80 a	2.5	SW846 8260B
trans-1,3-Dichloropropene	ND	10	6.7	ug/L	67 a		SW846 8260B
	ND	10	7.0	ug/L	70 a	4.0	SW846 8260B
Ethylbenzene	ND	10	9.3	ug/L	93		SW846 8260B
	ND	10	9.5	ug/L	95	2.2	SW846 8260B
2-Hexanone	ND	10	5.5	ug/L	55 a		SW846 8260B
	ND	10	5.7	ug/L	57 a	3.4	SW846 8260B
Methylene chloride	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.2	ug/L	92	0.31	SW846 8260B
4-Methyl-2-pentanone	ND	10	7.1	ug/L	71 a		SW846 8260B
	ND	10	7.3	ug/L	73 a	2.5	SW846 8260B
Styrene	ND	10	8.9	ug/L	89		SW846 8260B
	ND	10	9.3	ug/L	93	4.4	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	10	9.6	ug/L	96		SW846 8260B
	ND	10	9.8	ug/L	98	1.4	SW846 8260B
Tetrachloroethene	ND	10	9.7	ug/L	97		SW846 8260B
	ND	10	9.8	ug/L	98	0.49	SW846 8260B
Toluene	**ND**	**10**	**9.2**	**ug/L**	**92**		**SW846 8260B**
	ND	**10**	**9.5**	**ug/L**	**95**	**3.5**	**SW846 8260B**
1,1,1-Trichloroethane	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	8.5	ug/L	85	1.7	SW846 8260B
1,1,2-Trichloroethane	ND	10	9.2	ug/L	92		SW846 8260B
	ND	10	9.5	ug/L	95	3.4	SW846 8260B
Trichloroethene	**ND**	**10**	**9.9**	**ug/L**	**99**		**SW846 8260B**
	ND	**10**	**9.9**	**ug/L**	**99**	**0.22**	**SW846 8260B**
Vinyl chloride	ND	10	8.5	ug/L	85 a		SW846 8260B
	ND	10	8.2	ug/L	82 a	3.5	SW846 8260B
Xylenes (total)	ND	30	28	ug/L	93		SW846 8260B
	ND	30	28	ug/L	94	2.0	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(73 - 122)
	102	(73 - 122)
1,2-Dichloroethane-d4	103	(61 - 128)
	100	(61 - 128)
Toluene-d8	95	(76 - 110)
	96	(76 - 110)

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: RINS01/033004

GC/MS Volatiles

Lot-Sample #...: A4C310248-002 **Work Order #...:** GC9KH1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(73 - 122)
1,2-Dichloroethane-d4	90	(61 - 128)
Toluene-d8	90	(76 - 110)
4-Bromofluorobenzene	89	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

PAYNE FIRM INC.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: A4C310248-003 **Work Order #...:** GC9KJ1AA **Matrix.....:** WQ
Date Sampled...: 03/30/04 **Date Received..:** 03/31/04
Prep Date.....: 04/05/04 **Analysis Date..:** 04/05/04
Prep Batch #...: 4097213
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**1.0 J**	**10**	**ug/L**
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	0.50	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	10	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	10	ug/L
Methylene chloride	**0.80 J,B**	**1.0**	**ug/L**
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: A4C310248-003 **Work Order #...:** GC9KJ1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(73 - 122)
1,2-Dichloroethane-d4	90	(61 - 128)
Toluene-d8	90	(76 - 110)
4-Bromofluorobenzene	91	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

PAYNE FIRM INC.

Client Sample ID: WELL/545 DAYTON A/033004

GC/MS Volatiles

Lot-Sample #...: A4C310248-004 **Work Order #...:** GC9KL1AA **Matrix.....:** WG
Date Sampled...: 03/30/04 10:28 **Date Received..:** 03/31/04
Prep Date.....: 04/05/04 **Analysis Date..:** 04/05/04
Prep Batch #...: 4097213
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**0.70 J**	**10**	**ug/L**
Benzene	**0.21 J**	**1.0**	**ug/L**
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	**0.51 J**	**10**	**ug/L**
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	**0.56 J**	**1.0**	**ug/L**
cis-1,2-Dichloroethene	ND	0.50	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	10	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	10	ug/L
Methylene chloride	ND	1.0	ug/L
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: WELL/545 DAYTON A/033004

GC/MS Volatiles

Lot-Sample #...: A4C310248-004 **Work Order #...:** GC9KL1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Tetrachloroethene	ND	1.0	ug/L
Toluene	**0.26 J**	**1.0**	**ug/L**
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	**3.3**	**1.0**	**ug/L**
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	**2.3**	**1.0**	**ug/L**
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(73 - 122)
1,2-Dichloroethane-d4	93	(61 - 128)
Toluene-d8	90	(76 - 110)
4-Bromofluorobenzene	92	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

PAYNE FIRM INC.

Client Sample ID: WELL/545 DAYTON B/033004

GC/MS Volatiles

Lot-Sample #...: A4C310248-005 **Work Order #...:** GC9KP1AA **Matrix.....:** WG
Date Sampled...: 03/30/04 10:44 **Date Received..:** 03/31/04
Prep Date.....: 04/05/04 **Analysis Date..:** 04/05/04
Prep Batch #...: 4097213
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	**0.54 J**	**1.0**	**ug/L**
cis-1,2-Dichloroethene	ND	0.50	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	10	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	10	ug/L
Methylene chloride	ND	1.0	ug/L
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: WELL/545 DAYTON B/033004

GC/MS Volatiles

Lot-Sample #...: A4C310248-005 **Work Order #...:** GC9KP1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	**3.0**	**1.0**	**ug/L**
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	**2.2**	**1.0**	**ug/L**
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(73 - 122)
1,2-Dichloroethane-d4	90	(61 - 128)
Toluene-d8	91	(76 - 110)
4-Bromofluorobenzene	90	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

PAYNE FIRM INC.

Client Sample ID: WELL/420 EAST ENON A/033004

GC/MS Volatiles

Lot-Sample #...: A4C310248-006 **Work Order #...:** GC9KR1AA **Matrix.....:** WG
Date Sampled...: 03/30/04 13:40 **Date Received..:** 03/31/04
Prep Date.....: 04/02/04 **Analysis Date..:** 04/02/04
Prep Batch #...: 4096159
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	0.50	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	10	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	10	ug/L
Methylene chloride	ND	1.0	ug/L
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: WELL/420 EAST ENON A/033004

GC/MS Volatiles

Lot-Sample #...: A4C310248-006 **Work Order #...:** GC9KR1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(73 - 122)
1,2-Dichloroethane-d4	93	(61 - 128)
Toluene-d8	85	(76 - 110)
4-Bromofluorobenzene	103	(74 - 116)

PAYNE FIRM INC.

Client Sample ID: WELL/420 EAST ENON B/033004

GC/MS Volatiles

Lot-Sample #...: A4C310248-007 **Work Order #...:** GC9KX1AA **Matrix.....:** WG
Date Sampled...: 03/30/04 13:46 **Date Received..:** 03/31/04
Prep Date.....: 04/02/04 **Analysis Date..:** 04/02/04
Prep Batch #...: 4096159
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	0.50	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	10	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	10	ug/L
Methylene chloride	ND	1.0	ug/L
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: WELL/420 EAST ENON B/033004

GC/MS Volatiles

Lot-Sample #...: A4C310248-007 **Work Order #...:** GC9KX1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
1,2-Dichloroethane-d4	91	(61 - 128)
Toluene-d8	84	(76 - 110)
4-Bromofluorobenzene	102	(74 - 116)

PAYNE FIRM INC.

Client Sample ID: WELL/324 E DAYTON A/033004

GC/MS Volatiles

Lot-Sample #...: A4C310248-008 **Work Order #...:** GC9K01AA **Matrix.....:** WG
Date Sampled...: 03/30/04 11:55 **Date Received..:** 03/31/04
Prep Date.....: 04/02/04 **Analysis Date..:** 04/02/04
Prep Batch #...: 4096159
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**0.79 J**	**10**	**ug/L**
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	**0.44 J**	**10**	**ug/L**
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	0.50	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	10	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	10	ug/L
Methylene chloride	ND	1.0	ug/L
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: WELL/324 E DAYTON A/033004

GC/MS Volatiles

Lot-Sample #...: A4C310248-008 **Work Order #...:** GC9K01AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(73 - 122)
1,2-Dichloroethane-d4	92	(61 - 128)
Toluene-d8	84	(76 - 110)
4-Bromofluorobenzene	102	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

PAYNE FIRM INC.

Client Sample ID: WELL/324 E DAYTON B/033004

GC/MS Volatiles

Lot-Sample #...: A4C310248-009 **Work Order #...:** GC9K41AA **Matrix.....:** WG
Date Sampled...: 03/30/04 12:05 **Date Received..:** 03/31/04
Prep Date.....: 04/02/04 **Analysis Date..:** 04/02/04
Prep Batch #...: 4096159
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	0.50	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	10	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	10	ug/L
Methylene chloride	ND	1.0	ug/L
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: WELL/324 E DAYTON B/033004

GC/MS Volatiles

Lot-Sample #...: A4C310248-009 **Work Order #...:** GC9K41AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 122)
1,2-Dichloroethane-d4	90	(61 - 128)
Toluene-d8	81	(76 - 110)
4-Bromofluorobenzene	99	(74 - 116)

PAYNE FIRM INC.

Client Sample ID: WELL/850 DAYTON A/033004

GC/MS Volatiles

Lot-Sample #...: A4C310248-010 **Work Order #...:** GC9K71AA **Matrix.....:** WG
Date Sampled...: 03/30/04 16:15 **Date Received..:** 03/31/04
Prep Date.....: 04/02/04 **Analysis Date..:** 04/02/04
Prep Batch #...: 4096159
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	0.50	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	10	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	10	ug/L
Methylene chloride	ND	1.0	ug/L
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: WELL/850 DAYTON A/033004

GC/MS Volatiles

Lot-Sample #...: A4C310248-010 **Work Order #...:** GC9K71AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(73 - 122)
1,2-Dichloroethane-d4	90	(61 - 128)
Toluene-d8	85	(76 - 110)
4-Bromofluorobenzene	104	(74 - 116)

PAYNE FIRM INC.

Client Sample ID: WELL/850 DAYTON B/033004

GC/MS Volatiles

Lot-Sample #...: A4C310248-011 **Work Order #...:** GC9K91AA **Matrix.....:** WG
Date Sampled...: 03/30/04 16:25 **Date Received..:** 03/31/04
Prep Date.....: 04/02/04 **Analysis Date..:** 04/02/04
Prep Batch #...: 4096159
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	0.50	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	10	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	10	ug/L
Methylene chloride	ND	1.0	ug/L
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: WELL/850 DAYTON B/033004

GC/MS Volatiles

Lot-Sample #...: A4C310248-011 **Work Order #...:** GC9K91AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
1,2-Dichloroethane-d4	93	(61 - 128)
Toluene-d8	84	(76 - 110)
4-Bromofluorobenzene	104	(74 - 116)

PAYNE FIRM INC.

Client Sample ID: WELL/775 E. DAYTON A/033004

GC/MS Volatiles

Lot-Sample #...: A4C310248-012 **Work Order #...:** GC9LA1AA **Matrix.....:** WG
Date Sampled...: 03/30/04 14:15 **Date Received..:** 03/31/04
Prep Date.....: 04/02/04 **Analysis Date..:** 04/02/04
Prep Batch #...: 4096159
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	0.50	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	10	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	10	ug/L
Methylene chloride	ND	1.0	ug/L
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: WELL/775 E. DAYTON A/033004

GC/MS Volatiles

Lot-Sample #...: A4C310248-012 **Work Order #...:** GC9LA1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(73 - 122)
1,2-Dichloroethane-d4	95	(61 - 128)
Toluene-d8	85	(76 - 110)
4-Bromofluorobenzene	100	(74 - 116)

PAYNE FIRM INC.

Client Sample ID: WELL/775 E. DAYTON B/033004

GC/MS Volatiles

Lot-Sample #...: A4C310248-013 **Work Order #...:** GC9LG1AA **Matrix.....:** WG
Date Sampled...: 03/30/04 14:25 **Date Received..:** 03/31/04
Prep Date.....: 04/02/04 **Analysis Date..:** 04/02/04
Prep Batch #...: 4096159
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	0.50	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	10	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	10	ug/L
Methylene chloride	ND	1.0	ug/L
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: WELL/775 E. DAYTON B/033004

GC/MS Volatiles

Lot-Sample #...: A4C310248-013 **Work Order #...:** GC9LG1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
1,2-Dichloroethane-d4	92	(61 - 128)
Toluene-d8	86	(76 - 110)
4-Bromofluorobenzene	98	(74 - 116)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A4C310248 **Work Order #...:** GDH0W1AA **Matrix.....:** WATER
MB Lot-Sample #: A4D050000-159

Prep Date.....: 04/02/04
Analysis Date..: 04/02/04 **Prep Batch #...:** 4096159
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	0.50	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	0.50	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	**0.41 J**	**1.0**	**ug/L**	**SW846 8260B**
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A4C310248 **Work Order #...:** GDH0W1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(73 - 122)
1,2-Dichloroethane-d4	87	(61 - 128)
Toluene-d8	85	(76 - 110)
4-Bromofluorobenzene	100	(74 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A4C310248 **Work Order #...:** GDK2V1AA **Matrix.....:** WATER
MB Lot-Sample #: A4D060000-213

Prep Date.....: 04/05/04
Analysis Date..: 04/05/04 **Prep Batch #...:** 4097213
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	0.50	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	0.50	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	**0.82 J**	**1.0**	**ug/L**	**SW846 8260B**
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A4C310248 **Work Order #...:** GDK2V1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 122)
1,2-Dichloroethane-d4	89	(61 - 128)
Toluene-d8	91	(76 - 110)
4-Bromofluorobenzene	92	(74 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4C310248 **Work Order #...:** GDH0W1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4D050000-159 GDH0W1AD-LCSD
Prep Date.....: 04/02/04 **Analysis Date..:** 04/02/04
Prep Batch #...: 4096159
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	61	(22 - 200)			SW846 8260B
	64	(22 - 200)	4.9	(0-95)	SW846 8260B
Benzene	**94**	**(80 - 116)**			**SW846 8260B**
	98	**(80 - 116)**	**4.5**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	98	(87 - 130)			SW846 8260B
	100	(87 - 130)	2.3	(0-30)	SW846 8260B
Bromoform	114	(76 - 150)			SW846 8260B
	111	(76 - 150)	2.4	(0-30)	SW846 8260B
Bromomethane	58 a	(64 - 129)			SW846 8260B
	67	(64 - 129)	14	(0-30)	SW846 8260B
2-Butanone	73	(28 - 237)			SW846 8260B
	69	(28 - 237)	5.6	(0-65)	SW846 8260B
Carbon disulfide	94	(73 - 139)			SW846 8260B
	108	(73 - 139)	14	(0-30)	SW846 8260B
Carbon tetrachloride	99	(75 - 149)			SW846 8260B
	111	(75 - 149)	12	(0-30)	SW846 8260B
Chlorobenzene	**93**	**(76 - 117)**			**SW846 8260B**
	96	**(76 - 117)**	**3.3**	**(0-20)**	**SW846 8260B**
Chloroethane	82	(66 - 126)			SW846 8260B
	86	(66 - 126)	4.4	(0-30)	SW846 8260B
Chloroform	96	(84 - 128)			SW846 8260B
	98	(84 - 128)	2.1	(0-30)	SW846 8260B
Chloromethane	94	(48 - 123)			SW846 8260B
	102	(48 - 123)	8.1	(0-30)	SW846 8260B
Dibromochloromethane	95	(81 - 138)			SW846 8260B
	96	(81 - 138)	0.80	(0-30)	SW846 8260B
1,2-Dichloroethene (total)	91	(82 - 116)			SW846 8260B
	100	(82 - 116)	9.2	(0-30)	SW846 8260B
1,1-Dichloroethane	94	(86 - 123)			SW846 8260B
	102	(86 - 123)	8.7	(0-30)	SW846 8260B
1,2-Dichloroethane	91	(79 - 136)			SW846 8260B
	91	(79 - 136)	0.0	(0-30)	SW846 8260B
1,1-Dichloroethene	**91**	**(63 - 130)**			**SW846 8260B**
	109	**(63 - 130)**	**18**	**(0-20)**	**SW846 8260B**
cis-1,2-Dichloroethene	94	(85 - 113)			SW846 8260B
	101	(85 - 113)	7.7	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	88	(79 - 120)			SW846 8260B
	99	(79 - 120)	11	(0-30)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4C310248 **Work Order #...:** GDH0W1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4D050000-159 GDH0W1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloropropane	92	(82 - 115)			SW846 8260B
	98	(82 - 115)	7.1	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	94	(84 - 130)			SW846 8260B
	96	(84 - 130)	2.2	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	82 a	(84 - 130)			SW846 8260B
	82 a	(84 - 130)	0.36	(0-30)	SW846 8260B
Ethylbenzene	93	(86 - 116)			SW846 8260B
	95	(86 - 116)	2.2	(0-30)	SW846 8260B
2-Hexanone	72	(35 - 200)			SW846 8260B
	65	(35 - 200)	9.1	(0-52)	SW846 8260B
Methylene chloride	84	(78 - 118)			SW846 8260B
	96	(78 - 118)	13	(0-30)	SW846 8260B
4-Methyl-2-pentanone	90	(78 - 141)			SW846 8260B
	85	(78 - 141)	6.2	(0-32)	SW846 8260B
Styrene	105	(85 - 117)			SW846 8260B
	107	(85 - 117)	2.0	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	140 a	(85 - 118)			SW846 8260B
	134 a	(85 - 118)	4.4	(0-30)	SW846 8260B
Tetrachloroethene	86 a	(88 - 113)			SW846 8260B
	92	(88 - 113)	7.0	(0-30)	SW846 8260B
Toluene	**83**	**(74 - 119)**			**SW846 8260B**
	87	**(74 - 119)**	**4.4**	**(0-20)**	**SW846 8260B**
1,1,1-Trichloroethane	85	(78 - 140)			SW846 8260B
	98	(78 - 140)	14	(0-30)	SW846 8260B
1,1,2-Trichloroethane	90	(83 - 122)			SW846 8260B
	89	(83 - 122)	0.19	(0-30)	SW846 8260B
Trichloroethene	**92**	**(75 - 122)**			**SW846 8260B**
	98	**(75 - 122)**	**6.1**	**(0-20)**	**SW846 8260B**
Vinyl chloride	80	(61 - 120)			SW846 8260B
	99	(61 - 120)	20	(0-30)	SW846 8260B
Xylenes (total)	98	(87 - 116)			SW846 8260B
	101	(87 - 116)	3.6	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
	96	(73 - 122)
1,2-Dichloroethane-d4	94	(61 - 128)
	87	(61 - 128)
Toluene-d8	83	(76 - 110)
	84	(76 - 110)
4-Bromofluorobenzene	110	(74 - 116)
	106	(74 - 116)

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4C310248 **Work Order #...:** GDH0W1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4D050000-159 GDH0W1AD-LCSD

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4C310248 **Work Order #...:** GDH0W1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4D050000-159 GDH0W1AD-LCSD
Prep Date.....: 04/02/04 **Analysis Date..:** 04/02/04
Prep Batch #...: 4096159
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	10	6.1	ug/L	61		SW846 8260B
	10	6.4	ug/L	64	4.9	SW846 8260B
Benzene	**10**	**9.4**	**ug/L**	**94**		**SW846 8260B**
	10	**9.8**	**ug/L**	**98**	**4.5**	**SW846 8260B**
Bromodichloromethane	10	9.8	ug/L	98		SW846 8260B
	10	10	ug/L	100	2.3	SW846 8260B
Bromoform	10	11	ug/L	114		SW846 8260B
	10	11	ug/L	111	2.4	SW846 8260B
Bromomethane	10	5.8 a	ug/L	58		SW846 8260B
	10	6.7	ug/L	67	14	SW846 8260B
2-Butanone	10	7.3	ug/L	73		SW846 8260B
	10	6.9	ug/L	69	5.6	SW846 8260B
Carbon disulfide	10	9.4	ug/L	94		SW846 8260B
	10	11	ug/L	108	14	SW846 8260B
Carbon tetrachloride	10	9.9	ug/L	99		SW846 8260B
	10	11	ug/L	111	12	SW846 8260B
Chlorobenzene	**10**	**9.3**	**ug/L**	**93**		**SW846 8260B**
	10	**9.6**	**ug/L**	**96**	**3.3**	**SW846 8260B**
Chloroethane	10	8.2	ug/L	82		SW846 8260B
	10	8.6	ug/L	86	4.4	SW846 8260B
Chloroform	10	9.6	ug/L	96		SW846 8260B
	10	9.8	ug/L	98	2.1	SW846 8260B
Chloromethane	10	9.4	ug/L	94		SW846 8260B
	10	10	ug/L	102	8.1	SW846 8260B
Dibromochloromethane	10	9.5	ug/L	95		SW846 8260B
	10	9.6	ug/L	96	0.80	SW846 8260B
1,2-Dichloroethene (total)	20	18	ug/L	91		SW846 8260B
	20	20	ug/L	100	9.2	SW846 8260B
1,1-Dichloroethane	10	9.4	ug/L	94		SW846 8260B
	10	10	ug/L	102	8.7	SW846 8260B
1,2-Dichloroethane	10	9.1	ug/L	91		SW846 8260B
	10	9.1	ug/L	91	0.0	SW846 8260B
1,1-Dichloroethene	**10**	**9.1**	**ug/L**	**91**		**SW846 8260B**
	10	**11**	**ug/L**	**109**	**18**	**SW846 8260B**
cis-1,2-Dichloroethene	10	9.4	ug/L	94		SW846 8260B
	10	10	ug/L	101	7.7	SW846 8260B
trans-1,2-Dichloroethene	10	8.8	ug/L	88		SW846 8260B
	10	9.9	ug/L	99	11	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4C310248 **Work Order #...:** GDH0W1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4D050000-159 GDH0W1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichloropropane	10	9.2	ug/L	92		SW846 8260B
	10	9.8	ug/L	98	7.1	SW846 8260B
cis-1,3-Dichloropropene	10	9.4	ug/L	94		SW846 8260B
	10	9.6	ug/L	96	2.2	SW846 8260B
trans-1,3-Dichloropropene	10	8.2 a	ug/L	82		SW846 8260B
	10	8.2 a	ug/L	82	0.36	SW846 8260B
Ethylbenzene	10	9.3	ug/L	93		SW846 8260B
	10	9.5	ug/L	95	2.2	SW846 8260B
2-Hexanone	10	7.2	ug/L	72		SW846 8260B
	10	6.5	ug/L	65	9.1	SW846 8260B
Methylene chloride	10	8.4	ug/L	84		SW846 8260B
	10	9.6	ug/L	96	13	SW846 8260B
4-Methyl-2-pentanone	10	9.0	ug/L	90		SW846 8260B
	10	8.5	ug/L	85	6.2	SW846 8260B
Styrene	10	10	ug/L	105		SW846 8260B
	10	11	ug/L	107	2.0	SW846 8260B
1,1,2,2-Tetrachloroethane	10	14 a	ug/L	140		SW846 8260B
	10	13 a	ug/L	134	4.4	SW846 8260B
Tetrachloroethene	10	8.6 a	ug/L	86		SW846 8260B
	10	9.2	ug/L	92	7.0	SW846 8260B
Toluene	**10**	**8.3**	**ug/L**	**83**		**SW846 8260B**
	10	**8.7**	**ug/L**	**87**	**4.4**	**SW846 8260B**
1,1,1-Trichloroethane	10	8.5	ug/L	85		SW846 8260B
	10	9.8	ug/L	98	14	SW846 8260B
1,1,2-Trichloroethane	10	9.0	ug/L	90		SW846 8260B
	10	8.9	ug/L	89	0.19	SW846 8260B
Trichloroethene	**10**	**9.2**	**ug/L**	**92**		**SW846 8260B**
	10	**9.8**	**ug/L**	**98**	**6.1**	**SW846 8260B**
Vinyl chloride	10	8.0	ug/L	80		SW846 8260B
	10	9.9	ug/L	99	20	SW846 8260B
Xylenes (total)	30	29	ug/L	98		SW846 8260B
	30	30	ug/L	101	3.6	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
	96	(73 - 122)
1,2-Dichloroethane-d4	94	(61 - 128)
	87	(61 - 128)
Toluene-d8	83	(76 - 110)
	84	(76 - 110)
4-Bromofluorobenzene	110	(74 - 116)
	106	(74 - 116)

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4C310248 **Work Order #...:** GDH0W1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4D050000-159 GDH0W1AD-LCSD

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4C310248 **Work Order #...:** GDK2V1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4D060000-213 GDK2V1AD-LCSD
Prep Date.....: 04/05/04 **Analysis Date..:** 04/05/04
Prep Batch #...: 4097213
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	60	(22 - 200)			SW846 8260B
	67	(22 - 200)	12	(0-95)	SW846 8260B
Benzene	97	(80 - 116)			**SW846 8260B**
	101	**(80 - 116)**	**3.3**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	99	(87 - 130)			SW846 8260B
	106	(87 - 130)	6.2	(0-30)	SW846 8260B
Bromoform	118	(76 - 150)			SW846 8260B
	132	(76 - 150)	11	(0-30)	SW846 8260B
Bromomethane	76	(64 - 129)			SW846 8260B
	79	(64 - 129)	3.1	(0-30)	SW846 8260B
2-Butanone	65	(28 - 237)			SW846 8260B
	72	(28 - 237)	11	(0-65)	SW846 8260B
Carbon disulfide	114	(73 - 139)			SW846 8260B
	106	(73 - 139)	7.2	(0-30)	SW846 8260B
Carbon tetrachloride	109	(75 - 149)			SW846 8260B
	114	(75 - 149)	4.6	(0-30)	SW846 8260B
Chlorobenzene	92	(76 - 117)			**SW846 8260B**
	98	**(76 - 117)**	**6.5**	**(0-20)**	**SW846 8260B**
Chloroethane	89	(66 - 126)			SW846 8260B
	90	(66 - 126)	1.4	(0-30)	SW846 8260B
Chloroform	97	(84 - 128)			SW846 8260B
	102	(84 - 128)	5.4	(0-30)	SW846 8260B
Chloromethane	110	(48 - 123)			SW846 8260B
	117	(48 - 123)	5.6	(0-30)	SW846 8260B
Dibromochloromethane	100	(81 - 138)			SW846 8260B
	105	(81 - 138)	4.2	(0-30)	SW846 8260B
1,2-Dichloroethene (total)	100	(82 - 116)			SW846 8260B
	105	(82 - 116)	4.8	(0-30)	SW846 8260B
1,1-Dichloroethane	101	(86 - 123)			SW846 8260B
	106	(86 - 123)	4.3	(0-30)	SW846 8260B
1,2-Dichloroethane	89	(79 - 136)			SW846 8260B
	94	(79 - 136)	5.0	(0-30)	SW846 8260B
1,1-Dichloroethene	**116**	**(63 - 130)**			**SW846 8260B**
	110	**(63 - 130)**	**5.1**	**(0-20)**	**SW846 8260B**
cis-1,2-Dichloroethene	98	(85 - 113)			SW846 8260B
	102	(85 - 113)	4.0	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	102	(79 - 120)			SW846 8260B
	108	(79 - 120)	5.6	(0-30)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4C310248 **Work Order #...:** GDK2V1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4D060000-213 GDK2V1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloropropane	95	(82 - 115)			SW846 8260B
	97	(82 - 115)	1.8	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	95	(84 - 130)			SW846 8260B
	100	(84 - 130)	4.9	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	87	(84 - 130)			SW846 8260B
	92	(84 - 130)	5.9	(0-30)	SW846 8260B
Ethylbenzene	91	(86 - 116)			SW846 8260B
	98	(86 - 116)	6.4	(0-30)	SW846 8260B
2-Hexanone	64	(35 - 200)			SW846 8260B
	72	(35 - 200)	13	(0-52)	SW846 8260B
Methylene chloride	111	(78 - 118)			SW846 8260B
	108	(78 - 118)	2.9	(0-30)	SW846 8260B
4-Methyl-2-pentanone	77 a	(78 - 141)			SW846 8260B
	87	(78 - 141)	13	(0-32)	SW846 8260B
Styrene	95	(85 - 117)			SW846 8260B
	101	(85 - 117)	7.0	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	105	(85 - 118)			SW846 8260B
	119 a	(85 - 118)	13	(0-30)	SW846 8260B
Tetrachloroethene	90	(88 - 113)			SW846 8260B
	95	(88 - 113)	6.0	(0-30)	SW846 8260B
Toluene	**87**	**(74 - 119)**			**SW846 8260B**
	94	**(74 - 119)**	**8.0**	**(0-20)**	**SW846 8260B**
1,1,1-Trichloroethane	96	(78 - 140)			SW846 8260B
	102	(78 - 140)	5.9	(0-30)	SW846 8260B
1,1,2-Trichloroethane	91	(83 - 122)			SW846 8260B
	96	(83 - 122)	5.7	(0-30)	SW846 8260B
Trichloroethene	**94**	**(75 - 122)**			**SW846 8260B**
	98	**(75 - 122)**	**4.2**	**(0-20)**	**SW846 8260B**
Vinyl chloride	107	(61 - 120)			SW846 8260B
	110	(61 - 120)	3.1	(0-30)	SW846 8260B
Xylenes (total)	93	(87 - 116)			SW846 8260B
	97	(87 - 116)	5.2	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(73 - 122)
	98	(73 - 122)
1,2-Dichloroethane-d4	93	(61 - 128)
	93	(61 - 128)
Toluene-d8	90	(76 - 110)
	92	(76 - 110)
4-Bromofluorobenzene	98	(74 - 116)
	101	(74 - 116)

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4C310248 **Work Order #...:** GDK2V1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4D060000-213 GDK2V1AD-LCSD

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4C310248 **Work Order #...:** GDK2V1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4D060000-213 GDK2V1AD-LCSD
Prep Date.....: 04/05/04 **Analysis Date..:** 04/05/04
Prep Batch #...: 4097213
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	10	6.0	ug/L	60		SW846 8260B
	10	6.7	ug/L	67	12	SW846 8260B
Benzene	**10**	**9.7**	**ug/L**	**97**		**SW846 8260B**
	10	**10**	**ug/L**	**101**	3.3	**SW846 8260B**
Bromodichloromethane	10	9.9	ug/L	99		SW846 8260B
	10	11	ug/L	106	6.2	SW846 8260B
Bromoform	10	12	ug/L	118		SW846 8260B
	10	13	ug/L	132	11	SW846 8260B
Bromomethane	10	7.6	ug/L	76		SW846 8260B
	10	7.9	ug/L	79	3.1	SW846 8260B
2-Butanone	10	6.5	ug/L	65		SW846 8260B
	10	7.2	ug/L	72	11	SW846 8260B
Carbon disulfide	10	11	ug/L	114		SW846 8260B
	10	11	ug/L	106	7.2	SW846 8260B
Carbon tetrachloride	10	11	ug/L	109		SW846 8260B
	10	11	ug/L	114	4.6	SW846 8260B
Chlorobenzene	**10**	**9.2**	**ug/L**	**92**		**SW846 8260B**
	10	**9.8**	**ug/L**	**98**	**6.5**	**SW846 8260B**
Chloroethane	10	8.9	ug/L	89		SW846 8260B
	10	9.0	ug/L	90	1.4	SW846 8260B
Chloroform	10	9.7	ug/L	97		SW846 8260B
	10	10	ug/L	102	5.4	SW846 8260B
Chloromethane	10	11	ug/L	110		SW846 8260B
	10	12	ug/L	117	5.6	SW846 8260B
Dibromochloromethane	10	10	ug/L	100		SW846 8260B
	10	10	ug/L	105	4.2	SW846 8260B
1,2-Dichloroethene (total)	20	20	ug/L	100		SW846 8260B
	20	21	ug/L	105	4.8	SW846 8260B
1,1-Dichloroethane	10	10	ug/L	101		SW846 8260B
	10	11	ug/L	106	4.3	SW846 8260B
1,2-Dichloroethane	10	8.9	ug/L	89		SW846 8260B
	10	9.4	ug/L	94	5.0	SW846 8260B
1,1-Dichloroethene	**10**	**12**	**ug/L**	**116**		**SW846 8260B**
	10	**11**	**ug/L**	**110**	**5.1**	**SW846 8260B**
cis-1,2-Dichloroethene	10	9.8	ug/L	98		SW846 8260B
	10	10	ug/L	102	4.0	SW846 8260B
trans-1,2-Dichloroethene	10	10	ug/L	102		SW846 8260B
	10	11	ug/L	108	5.6	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4C310248 **Work Order #...:** GDK2V1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4D060000-213 GDK2V1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichloropropane	10	9.5	ug/L	95		SW846 8260B
	10	9.7	ug/L	97	1.8	SW846 8260B
cis-1,3-Dichloropropene	10	9.5	ug/L	95		SW846 8260B
	10	10	ug/L	100	4.9	SW846 8260B
trans-1,3-Dichloropropene	10	8.7	ug/L	87		SW846 8260B
	10	9.2	ug/L	92	5.9	SW846 8260B
Ethylbenzene	10	9.1	ug/L	91		SW846 8260B
	10	9.8	ug/L	98	6.4	SW846 8260B
2-Hexanone	10	6.4	ug/L	64		SW846 8260B
	10	7.2	ug/L	72	13	SW846 8260B
Methylene chloride	10	11	ug/L	111		SW846 8260B
	10	11	ug/L	108	2.9	SW846 8260B
4-Methyl-2-pentanone	10	7.7 a	ug/L	77		SW846 8260B
	10	8.7	ug/L	87	13	SW846 8260B
Styrene	10	9.5	ug/L	95		SW846 8260B
	10	10	ug/L	101	7.0	SW846 8260B
1,1,2,2-Tetrachloroethane	10	11	ug/L	105		SW846 8260B
	10	12 a	ug/L	119	13	SW846 8260B
Tetrachloroethene	10	9.0	ug/L	90		SW846 8260B
	10	9.5	ug/L	95	6.0	SW846 8260B
Toluene	**10**	**8.7**	**ug/L**	**87**		**SW846 8260B**
	10	**9.4**	**ug/L**	**94**	**8.0**	**SW846 8260B**
1,1,1-Trichloroethane	10	9.6	ug/L	96		SW846 8260B
	10	10	ug/L	102	5.9	SW846 8260B
1,1,2-Trichloroethane	10	9.1	ug/L	91		SW846 8260B
	10	9.6	ug/L	96	5.7	SW846 8260B
Trichloroethene	**10**	**9.4**	**ug/L**	**94**		**SW846 8260B**
	10	**9.8**	**ug/L**	**98**	**4.2**	**SW846 8260B**
Vinyl chloride	10	11	ug/L	107		SW846 8260B
	10	11	ug/L	110	3.1	SW846 8260B
Xylenes (total)	30	28	ug/L	93		SW846 8260B
	30	29	ug/L	97	5.2	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(73 - 122)
	98	(73 - 122)
1,2-Dichloroethane-d4	93	(61 - 128)
	93	(61 - 128)
Toluene-d8	90	(76 - 110)
	92	(76 - 110)
4-Bromofluorobenzene	98	(74 - 116)
	101	(74 - 116)

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4C310248 **Work Order #...:** GDK2V1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4D060000-213 GDK2V1AD-LCSD

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4C310248 **Work Order #...:** GC81V1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A4C310169-001 GC81V1AD-MSD
Date Sampled...: 03/30/04 12:00 **Date Received..:** 03/31/04
Prep Date.....: 04/02/04 **Analysis Date..:** 04/02/04
Prep Batch #...: 4096159
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	53	(45 - 128)			SW846 8260B
	46	(45 - 128)	13	(0-30)	SW846 8260B
Benzene	**94**	**(78 - 118)**			**SW846 8260B**
	93	**(78 - 118)**	**1.9**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	99	(80 - 146)			SW846 8260B
	93	(80 - 146)	5.8	(0-30)	SW846 8260B
Bromoform	108	(58 - 176)			SW846 8260B
	105	(58 - 176)	2.8	(0-30)	SW846 8260B
Bromomethane	74	(55 - 145)			SW846 8260B
	71	(55 - 145)	4.2	(0-30)	SW846 8260B
2-Butanone	66 a	(71 - 123)			SW846 8260B
	61 a	(71 - 123)	8.2	(0-30)	SW846 8260B
Carbon disulfide	112	(69 - 138)			SW846 8260B
	115	(69 - 138)	2.5	(0-41)	SW846 8260B
Carbon tetrachloride	106	(63 - 176)			SW846 8260B
	101	(63 - 176)	4.7	(0-30)	SW846 8260B
Chlorobenzene	**94**	**(76 - 117)**			**SW846 8260B**
	92	**(76 - 117)**	**1.4**	**(0-20)**	**SW846 8260B**
Chloroethane	115	(59 - 142)			SW846 8260B
	113	(59 - 142)	1.4	(0-30)	SW846 8260B
Chloroform	95	(83 - 141)			SW846 8260B
	92	(83 - 141)	3.0	(0-30)	SW846 8260B
Chloromethane	104	(40 - 137)			SW846 8260B
	104	(40 - 137)	0.28	(0-39)	SW846 8260B
Dibromochloromethane	89	(71 - 158)			SW846 8260B
	89	(71 - 158)	0.07	(0-30)	SW846 8260B
1,2-Dichloroethene (total)	93	(86 - 115)			SW846 8260B
	91	(86 - 115)	2.0	(0-30)	SW846 8260B
1,1-Dichloroethane	94	(88 - 127)			SW846 8260B
	93	(88 - 127)	0.90	(0-30)	SW846 8260B
1,2-Dichloroethane	89	(71 - 160)			SW846 8260B
	84	(71 - 160)	5.2	(0-30)	SW846 8260B
1,1-Dichloroethene	**104**	**(62 - 130)**			**SW846 8260B**
	106	**(62 - 130)**	**1.6**	**(0-20)**	**SW846 8260B**
cis-1,2-Dichloroethene	95	(87 - 114)			SW846 8260B
	91	(87 - 114)	3.4	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	91	(85 - 116)			SW846 8260B
	91	(85 - 116)	0.56	(0-30)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4C310248 **Work Order #...:** GC81V1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A4C310169-001 GC81V1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloropropane	91	(87 - 114)			SW846 8260B
	91	(87 - 114)	0.42	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	89	(82 - 130)			SW846 8260B
	85	(82 - 130)	4.9	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	79	(73 - 147)			SW846 8260B
	79	(73 - 147)	0.03	(0-30)	SW846 8260B
Ethylbenzene	96	(86 - 132)			SW846 8260B
	94	(86 - 132)	1.2	(0-30)	SW846 8260B
2-Hexanone	62 a	(81 - 128)			SW846 8260B
	61 a	(81 - 128)	2.1	(0-30)	SW846 8260B
Methylene chloride	95	(82 - 115)			SW846 8260B
	93	(82 - 115)	2.3	(0-30)	SW846 8260B
4-Methyl-2-pentanone	83	(82 - 135)			SW846 8260B
	75 a	(82 - 135)	9.8	(0-30)	SW846 8260B
Styrene	97	(83 - 120)			SW846 8260B
	93	(83 - 120)	4.4	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	133 a	(88 - 116)			SW846 8260B
	131 a	(88 - 116)	1.9	(0-30)	SW846 8260B
Tetrachloroethene	86	(85 - 121)			SW846 8260B
	86	(85 - 121)	0.92	(0-30)	SW846 8260B
Toluene	**85**	**(70 - 119)**			**SW846 8260B**
	83	**(70 - 119)**	**1.7**	**(0-20)**	**SW846 8260B**
1,1,1-Trichloroethane	91	(71 - 162)			SW846 8260B
	87	(71 - 162)	5.1	(0-30)	SW846 8260B
1,1,2-Trichloroethane	87	(86 - 129)			SW846 8260B
	86	(86 - 129)	0.99	(0-30)	SW846 8260B
Trichloroethene	**93**	**(62 - 130)**			**SW846 8260B**
	91	**(62 - 130)**	**2.2**	**(0-20)**	**SW846 8260B**
Vinyl chloride	107	(88 - 126)			SW846 8260B
	109	(88 - 126)	1.9	(0-30)	SW846 8260B
Xylenes (total)	98	(89 - 121)			SW846 8260B
	96	(89 - 121)	2.4	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(73 - 122)
	96	(73 - 122)
1,2-Dichloroethane-d4	96	(61 - 128)
	92	(61 - 128)
Toluene-d8	85	(76 - 110)
	86	(76 - 110)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4C310248 **Work Order #...:** GC81V1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A4C310169-001 GC81V1AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	110	(74 - 116)
	108	(74 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4C310248 **Work Order #...:** GC81V1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A4C310169-001 GC81V1AD-MSD
Date Sampled...: 03/30/04 12:00 **Date Received..:** 03/31/04
Prep Date.....: 04/02/04 **Analysis Date..:** 04/02/04
Prep Batch #...: 4096159
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	ND	10	5.8	ug/L	53		SW846 8260B
	ND	10	5.1	ug/L	46	13	SW846 8260B
Benzene	**ND**	**10**	**9.4**	**ug/L**	**94**		**SW846 8260B**
	ND	**10**	**9.3**	**ug/L**	**93**	**1.9**	**SW846 8260B**
Bromodichloromethane	ND	10	9.9	ug/L	99		SW846 8260B
	ND	10	9.3	ug/L	93	5.8	SW846 8260B
Bromoform	ND	10	11	ug/L	108		SW846 8260B
	ND	10	10	ug/L	105	2.8	SW846 8260B
Bromomethane	ND	10	7.4	ug/L	74		SW846 8260B
	ND	10	7.1	ug/L	71	4.2	SW846 8260B
2-Butanone	ND	10	6.6	ug/L	66 a		SW846 8260B
	ND	10	6.1	ug/L	61 a	8.2	SW846 8260B
Carbon disulfide	ND	10	11	ug/L	112		SW846 8260B
	ND	10	12	ug/L	115	2.5	SW846 8260B
Carbon tetrachloride	ND	10	11	ug/L	106		SW846 8260B
	ND	10	10	ug/L	101	4.7	SW846 8260B
Chlorobenzene	**ND**	**10**	**9.4**	**ug/L**	**94**		**SW846 8260B**
	ND	**10**	**9.2**	**ug/L**	**92**	**1.4**	**SW846 8260B**
Chloroethane	ND	10	11	ug/L	115		SW846 8260B
	ND	10	11	ug/L	113	1.4	SW846 8260B
Chloroform	ND	10	9.5	ug/L	95		SW846 8260B
	ND	10	9.2	ug/L	92	3.0	SW846 8260B
Chloromethane	ND	10	10	ug/L	104		SW846 8260B
	ND	10	10	ug/L	104	0.28	SW846 8260B
Dibromochloromethane	ND	10	8.9	ug/L	89		SW846 8260B
	ND	10	8.9	ug/L	89	0.07	SW846 8260B
1,2-Dichloroethene (total)	ND	20	19	ug/L	93		SW846 8260B
	ND	20	18	ug/L	91	2.0	SW846 8260B
1,1-Dichloroethane	ND	10	9.4	ug/L	94		SW846 8260B
	ND	10	9.3	ug/L	93	0.90	SW846 8260B
1,2-Dichloroethane	ND	10	8.9	ug/L	89		SW846 8260B
	ND	10	8.4	ug/L	84	5.2	SW846 8260B
1,1-Dichloroethene	**ND**	**10**	**10**	**ug/L**	**104**		**SW846 8260B**
	ND	**10**	**11**	**ug/L**	**106**	**1.6**	**SW846 8260B**
cis-1,2-Dichloroethene	0.27	10	9.7	ug/L	95		SW846 8260B
	0.27	10	9.4	ug/L	91	3.4	SW846 8260B
trans-1,2-Dichloroethene	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.1	ug/L	91	0.56	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4C310248 **Work Order #...:** GC81V1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A4C310169-001 GC81V1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Dichloropropane	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.1	ug/L	91	0.42	SW846 8260B
cis-1,3-Dichloropropene	ND	10	8.9	ug/L	89		SW846 8260B
	ND	10	8.5	ug/L	85	4.9	SW846 8260B
trans-1,3-Dichloropropene	ND	10	7.9	ug/L	79		SW846 8260B
	ND	10	7.9	ug/L	79	0.03	SW846 8260B
Ethylbenzene	ND	10	9.6	ug/L	96		SW846 8260B
	ND	10	9.4	ug/L	94	1.2	SW846 8260B
2-Hexanone	ND	10	6.2	ug/L	62 a		SW846 8260B
	ND	10	6.1	ug/L	61 a	2.1	SW846 8260B
Methylene chloride	ND	10	9.5	ug/L	95		SW846 8260B
	ND	10	9.3	ug/L	93	2.3	SW846 8260B
4-Methyl-2-pentanone	ND	10	8.3	ug/L	83		SW846 8260B
	ND	10	7.5	ug/L	75 a	9.8	SW846 8260B
Styrene	ND	10	9.7	ug/L	97		SW846 8260B
	ND	10	9.3	ug/L	93	4.4	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	10	13	ug/L	133 a		SW846 8260B
	ND	10	13	ug/L	131 a	1.9	SW846 8260B
Tetrachloroethene	0.48	10	9.1	ug/L	86		SW846 8260B
	0.48	10	9.0	ug/L	86	0.92	SW846 8260B
Toluene	**ND**	**10**	**8.5**	**ug/L**	**85**		**SW846 8260B**
	ND	**10**	**8.3**	**ug/L**	**83**	**1.7**	**SW846 8260B**
1,1,1-Trichloroethane	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	8.7	ug/L	87	5.1	SW846 8260B
1,1,2-Trichloroethane	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	8.6	ug/L	86	0.99	SW846 8260B
Trichloroethene	**0.69**	**10**	**10**	**ug/L**	**93**		**SW846 8260B**
	0.69	**10**	**9.8**	**ug/L**	**91**	**2.2**	**SW846 8260B**
Vinyl chloride	ND	10	11	ug/L	107		SW846 8260B
	ND	10	11	ug/L	109	1.9	SW846 8260B
Xylenes (total)	ND	30	29	ug/L	98		SW846 8260B
	ND	30	29	ug/L	96	2.4	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(73 - 122)
	96	(73 - 122)
1,2-Dichloroethane-d4	96	(61 - 128)
	92	(61 - 128)
Toluene-d8	85	(76 - 110)
	86	(76 - 110)

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4C310248 **Work Order #...:** GC81V1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A4C310169-001 GC81V1AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	110	(74 - 116)
	108	(74 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4C310248 **Work Order #...:** GDEPN1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A4D020140-004 GDEPN1AD-MSD
Date Sampled...: 04/01/04 12:00 **Date Received..:** 04/02/04
Prep Date.....: 04/05/04 **Analysis Date..:** 04/05/04
Prep Batch #...: 4097213
Dilution Factor: 5.71

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	55	(45 - 128)			SW846 8260B
	54	(45 - 128)	1.2	(0-30)	SW846 8260B
Benzene	**99**	**(78 - 118)**			**SW846 8260B**
	99	**(78 - 118)**	**0.64**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	103	(80 - 146)			SW846 8260B
	105	(80 - 146)	2.2	(0-30)	SW846 8260B
Bromoform	115	(58 - 176)			SW846 8260B
	117	(58 - 176)	1.1	(0-30)	SW846 8260B
Bromomethane	77	(55 - 145)			SW846 8260B
	77	(55 - 145)	0.51	(0-30)	SW846 8260B
2-Butanone	66 a	(71 - 123)			SW846 8260B
	64 a	(71 - 123)	2.8	(0-30)	SW846 8260B
Carbon disulfide	114	(69 - 138)			SW846 8260B
	118	(69 - 138)	3.5	(0-41)	SW846 8260B
Carbon tetrachloride	109	(63 - 176)			SW846 8260B
	114	(63 - 176)	3.6	(0-30)	SW846 8260B
Chlorobenzene	**96**	**(76 - 117)**			**SW846 8260B**
	94	**(76 - 117)**	**2.4**	**(0-20)**	**SW846 8260B**
Chloroethane	88	(59 - 142)			SW846 8260B
	87	(59 - 142)	0.84	(0-30)	SW846 8260B
Chloroform	99	(83 - 141)			SW846 8260B
	99	(83 - 141)	0.41	(0-30)	SW846 8260B
Chloromethane	110	(40 - 137)			SW846 8260B
	113	(40 - 137)	3.0	(0-39)	SW846 8260B
Dibromochloromethane	99	(71 - 158)			SW846 8260B
	100	(71 - 158)	0.47	(0-30)	SW846 8260B
1,2-Dichloroethene (total)	104	(86 - 115)			SW846 8260B
	104	(86 - 115)	0.0	(0-30)	SW846 8260B
1,1-Dichloroethane	104	(88 - 127)			SW846 8260B
	104	(88 - 127)	0.24	(0-30)	SW846 8260B
1,2-Dichloroethane	91	(71 - 160)			SW846 8260B
	92	(71 - 160)	1.2	(0-30)	SW846 8260B
1,1-Dichloroethene	**116**	**(62 - 130)**			**SW846 8260B**
	117	**(62 - 130)**	**1.2**	**(0-20)**	**SW846 8260B**
cis-1,2-Dichloroethene	102	(87 - 114)			SW846 8260B
	99	(87 - 114)	2.2	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	105	(85 - 116)			SW846 8260B
	108	(85 - 116)	2.5	(0-30)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4C310248 **Work Order #...:** GDEPN1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A4D020140-004 GDEPN1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloropropane	98	(87 - 114)			SW846 8260B
	96	(87 - 114)	2.1	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	93	(82 - 130)			SW846 8260B
	92	(82 - 130)	0.58	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	89	(73 - 147)			SW846 8260B
	88	(73 - 147)	0.91	(0-30)	SW846 8260B
Ethylbenzene	96	(86 - 132)			SW846 8260B
	95	(86 - 132)	0.89	(0-30)	SW846 8260B
2-Hexanone	64 a	(81 - 128)			SW846 8260B
	63 a	(81 - 128)	1.2	(0-30)	SW846 8260B
Methylene chloride	107	(82 - 115)			SW846 8260B
	107	(82 - 115)	0.65	(0-30)	SW846 8260B
4-Methyl-2-pentanone	77 a	(82 - 135)			SW846 8260B
	77 a	(82 - 135)	0.05	(0-30)	SW846 8260B
Styrene	95	(83 - 120)			SW846 8260B
	92	(83 - 120)	2.6	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	113	(88 - 116)			SW846 8260B
	109	(88 - 116)	3.5	(0-30)	SW846 8260B
Tetrachloroethene	79 a	(85 - 121)			SW846 8260B
	80 a	(85 - 121)	0.34	(0-30)	SW846 8260B
Toluene	**92**	**(70 - 119)**			**SW846 8260B**
	89	**(70 - 119)**	**3.0**	**(0-20)**	**SW846 8260B**
1,1,1-Trichloroethane	101	(71 - 162)			SW846 8260B
	101	(71 - 162)	0.06	(0-30)	SW846 8260B
1,1,2-Trichloroethane	95	(86 - 129)			SW846 8260B
	92	(86 - 129)	2.4	(0-30)	SW846 8260B
Trichloroethene	**98**	**(62 - 130)**			**SW846 8260B**
	98	**(62 - 130)**	**0.72**	**(0-20)**	**SW846 8260B**
Vinyl chloride	105	(88 - 126)			SW846 8260B
	109	(88 - 126)	3.8	(0-30)	SW846 8260B
Xylenes (total)	97	(89 - 121)			SW846 8260B
	93	(89 - 121)	4.3	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(73 - 122)
	101	(73 - 122)
1,2-Dichloroethane-d4	89	(61 - 128)
	92	(61 - 128)
Toluene-d8	91	(76 - 110)
	89	(76 - 110)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4C310248 **Work Order #...:** GDEPN1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A4D020140-004 GDEPN1AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	100	(74 - 116)
	98	(74 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4C310248 **Work Order #...:** GDEPN1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A4D020140-004 GDEPN1AD-MSD
Date Sampled...: 04/01/04 12:00 **Date Received..:** 04/02/04
Prep Date.....: 04/05/04 **Analysis Date..:** 04/05/04
Prep Batch #...: 4097213
Dilution Factor: 5.71

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	4.8	57	36	ug/L	55		SW846 8260B
	4.8	57	36	ug/L	54	1.2	SW846 8260B
Benzene	**ND**	**57**	**57**	**ug/L**	**99**		**SW846 8260B**
	ND	**57**	**56**	**ug/L**	**99**	**0.64**	**SW846 8260B**
Bromodichloromethane	ND	57	59	ug/L	103		SW846 8260B
	ND	57	60	ug/L	105	2.2	SW846 8260B
Bromoform	ND	57	66	ug/L	115		SW846 8260B
	ND	57	67	ug/L	117	1.1	SW846 8260B
Bromomethane	ND	57	44	ug/L	77		SW846 8260B
	ND	57	44	ug/L	77	0.51	SW846 8260B
2-Butanone	ND	57	37	ug/L	66 a		SW846 8260B
	ND	57	36	ug/L	64 a	2.8	SW846 8260B
Carbon disulfide	ND	57	65	ug/L	114		SW846 8260B
	ND	57	67	ug/L	118	3.5	SW846 8260B
Carbon tetrachloride	23	57	85	ug/L	109		SW846 8260B
	23	57	88	ug/L	114	3.6	SW846 8260B
Chlorobenzene	**ND**	**57**	**55**	**ug/L**	**96**		**SW846 8260B**
	ND	**57**	**54**	**ug/L**	**94**	**2.4**	**SW846 8260B**
Chloroethane	ND	57	50	ug/L	88		SW846 8260B
	ND	57	50	ug/L	87	0.84	SW846 8260B
Chloroform	8.6	57	65	ug/L	99		SW846 8260B
	8.6	57	65	ug/L	99	0.41	SW846 8260B
Chloromethane	ND	57	63	ug/L	110		SW846 8260B
	ND	57	65	ug/L	113	3.0	SW846 8260B
Dibromochloromethane	ND	57	57	ug/L	99		SW846 8260B
	ND	57	57	ug/L	100	0.47	SW846 8260B
1,2-Dichloroethene (total)	11	110	130	ug/L	104		SW846 8260B
	11	110	130	ug/L	104	0.0	SW846 8260B
1,1-Dichloroethane	ND	57	59	ug/L	104		SW846 8260B
	ND	57	59	ug/L	104	0.24	SW846 8260B
1,2-Dichloroethane	ND	57	52	ug/L	91		SW846 8260B
	ND	57	53	ug/L	92	1.2	SW846 8260B
1,1-Dichloroethene	**ND**	**57**	**66**	**ug/L**	**116**		**SW846 8260B**
	ND	**57**	**67**	**ug/L**	**117**	**1.2**	**SW846 8260B**
cis-1,2-Dichloroethene	11	57	69	ug/L	102		SW846 8260B
	11	57	68	ug/L	99	2.2	SW846 8260B
trans-1,2-Dichloroethene	ND	57	60	ug/L	105		SW846 8260B
	ND	57	62	ug/L	108	2.5	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4C310248 **Work Order #...:** GDEPN1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A4D020140-004 GDEPN1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Dichloropropane	ND	57	56	ug/L	98		SW846 8260B
	ND	57	55	ug/L	96	2.1	SW846 8260B
cis-1,3-Dichloropropene	ND	57	53	ug/L	93		SW846 8260B
	ND	57	53	ug/L	92	0.58	SW846 8260B
trans-1,3-Dichloropropene	ND	57	51	ug/L	89		SW846 8260B
	ND	57	51	ug/L	88	0.91	SW846 8260B
Ethylbenzene	ND	57	55	ug/L	96		SW846 8260B
	ND	57	54	ug/L	95	0.89	SW846 8260B
2-Hexanone	ND	57	36	ug/L	64 a		SW846 8260B
	ND	57	36	ug/L	63 a	1.2	SW846 8260B
Methylene chloride	2.1	57	63	ug/L	107		SW846 8260B
	2.1	57	63	ug/L	107	0.65	SW846 8260B
4-Methyl-2-pentanone	ND	57	44	ug/L	77 a		SW846 8260B
	ND	57	44	ug/L	77 a	0.05	SW846 8260B
Styrene	ND	57	54	ug/L	95		SW846 8260B
	ND	57	53	ug/L	92	2.6	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	57	64	ug/L	113		SW846 8260B
	ND	57	62	ug/L	109	3.5	SW846 8260B
Tetrachloroethene	160	57	210	ug/L	79 a		SW846 8260B
	160	57	210	ug/L	80 a	0.34	SW846 8260B
Toluene	**ND**	**57**	**53**	**ug/L**	**92**		**SW846 8260B**
	ND	**57**	**51**	**ug/L**	**89**	**3.0**	**SW846 8260B**
1,1,1-Trichloroethane	ND	57	58	ug/L	101		SW846 8260B
	ND	57	58	ug/L	101	0.06	SW846 8260B
1,1,2-Trichloroethane	ND	57	54	ug/L	95		SW846 8260B
	ND	57	53	ug/L	92	2.4	SW846 8260B
Trichloroethene	**4.7**	**57**	**61**	**ug/L**	**98**		**SW846 8260B**
	4.7	**57**	**61**	**ug/L**	**98**	**0.72**	**SW846 8260B**
Vinyl chloride	ND	57	60	ug/L	105		SW846 8260B
	ND	57	63	ug/L	109	3.8	SW846 8260B
Xylenes (total)	ND	170	170	ug/L	97		SW846 8260B
	ND	170	160	ug/L	93	4.3	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(73 - 122)
	101	(73 - 122)
1,2-Dichloroethane-d4	89	(61 - 128)
	92	(61 - 128)
Toluene-d8	91	(76 - 110)
	89	(76 - 110)

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4C310248 **Work Order #...:** GDEPN1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A4D020140-004 GDEPN1AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	100	(74 - 116)
	98	(74 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

ANALYTICAL REPORT

PROJECT NO. 292.11.35

VERNAY-OH

Lot #: A4D010298

David Contant

The Payne Firm, Inc.
11231 Cornell Park Drive
Cincinnati, OH 45242

SEVERN TRENT LABORATORIES, INC.

Roger K. Toth
Project Manager

April 12, 2004

EXECUTIVE SUMMARY - Detection Highlights

A4D010298

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TRIP BLANK 03/31/04 001				
Acetone	4.0 J,B	10	ug/L	SW846 8260B
2-Butanone	2.2 J	10	ug/L	SW846 8260B
RINS03/033104 03/31/04 11:25 003				
Acetone	1.0 J,B	10	ug/L	SW846 8260B
WELL/690WRIGHTA/033104 03/31/04 13:40 004				
Acetone	1.9 J,B	10	ug/L	SW846 8260B
2-Butanone	0.45 J	10	ug/L	SW846 8260B
Chloroethane	0.34 J	1.0	ug/L	SW846 8260B
Ethylbenzene	0.45 J	1.0	ug/L	SW846 8260B
2-Hexanone	0.66 J	10	ug/L	SW846 8260B
4-Methyl-2-pentanone	1.0 J	10	ug/L	SW846 8260B
Tetrachloroethene	2.2	1.0	ug/L	SW846 8260B
Toluene	0.38 J	1.0	ug/L	SW846 8260B
Trichloroethene	0.65 J	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	12	1.0	ug/L	SW846 8260B
Xylenes (total)	2.0	1.0	ug/L	SW846 8260B
WELL/690WRIGHTB/033104 03/31/04 13:50 005				
cis-1,2-Dichloroethene	1.2	0.50	ug/L	SW846 8260B
Tetrachloroethene	12	1.0	ug/L	SW846 8260B
Trichloroethene	3.1	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	33	1.0	ug/L	SW846 8260B

ANALYTICAL METHODS SUMMARY

A4D010298

PARAMETER	ANALYTICAL METHOD
Volatile Organics by GC/MS	SW846 8260B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A4D010298

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
GDC9M	001	TRIP BLANK	03/31/04	
GDC9X	002	RINS02/033104	03/31/04	10:20
GDC93	003	RINS03/033104	03/31/04	11:25
GDC95	004	WELL/690WRIGHTA/033104	03/31/04	13:40
GDDA4	005	WELL/690WRIGHTB/033104	03/31/04	13:50
GDDA6	006	WELL/780DAYTONA/033104	03/31/04	12:10
GDDCC	007	WELL/780DAYTONB/033104	03/31/04	12:22
GDDCF	008	WELL/860DAYTONA/033104	03/31/04	10:25
GDDCJ	009	WELL/860DAYTONB/033104	03/31/04	10:35

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

PAYNE FIRM INC.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: A4D010298-001 **Work Order #...:** GDC9M1AA **Matrix.....:** WQ
Date Sampled...: 03/31/04 **Date Received..:** 04/01/04
Prep Date.....: 04/06/04 **Analysis Date..:** 04/06/04
Prep Batch #...: 4098158
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	4.0 J,B	10	ug/L
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	2.2 J	10	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	0.50	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	10	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	10	ug/L
Methylene chloride	ND	1.0	ug/L
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: A4D010298-001 **Work Order #...:** GDC9M1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	119	(73 - 122)
1,2-Dichloroethane-d4	111	(61 - 128)
Toluene-d8	93	(76 - 110)
4-Bromofluorobenzene	101	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

PAYNE FIRM INC.

Client Sample ID: RINS02/033104

GC/MS Volatiles

Lot-Sample #...: A4D010298-002 **Work Order #...:** GDC9X1AA **Matrix.....:** WQ
Date Sampled...: 03/31/04 10:20 **Date Received..:** 04/01/04
Prep Date.....: 04/06/04 **Analysis Date..:** 04/06/04
Prep Batch #...: 4098158
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	0.50	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	10	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	10	ug/L
Methylene chloride	ND	1.0	ug/L
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: RINS02/033104

GC/MS Volatiles

Lot-Sample #...: A4D010298-002 **Work Order #...:** GDC9X1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	119	(73 - 122)
1,2-Dichloroethane-d4	110	(61 - 128)
Toluene-d8	94	(76 - 110)
4-Bromofluorobenzene	100	(74 - 116)

PAYNE FIRM INC.

Client Sample ID: RINS03/033104

GC/MS Volatiles

Lot-Sample #...: A4D010298-003 **Work Order #...:** GDC931AA **Matrix.....:** WQ
Date Sampled...: 03/31/04 11:25 **Date Received..:** 04/01/04
Prep Date.....: 04/06/04 **Analysis Date..:** 04/06/04
Prep Batch #...: 4098158
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	1.0 J,B	10	ug/L
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	0.50	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	10	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	10	ug/L
Methylene chloride	ND	1.0	ug/L
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: RINS03/033104

GC/MS Volatiles

Lot-Sample #...: A4D010298-003 **Work Order #...:** GDC931AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	115	(73 - 122)
1,2-Dichloroethane-d4	112	(61 - 128)
Toluene-d8	96	(76 - 110)
4-Bromofluorobenzene	98	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

PAYNE FIRM INC.

Client Sample ID: WELL/690WRIGHTA/033104

GC/MS Volatiles

Lot-Sample #...: A4D010298-004 **Work Order #...:** GDC951AA **Matrix.....:** WG
Date Sampled...: 03/31/04 13:40 **Date Received..:** 04/01/04
Prep Date.....: 04/06/04 **Analysis Date..:** 04/06/04
Prep Batch #...: 4098158
Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	1.9 J,B	10	ug/L
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	0.45 J	10	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	0.34 J	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	0.50	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	**0.45 J**	**1.0**	**ug/L**
2-Hexanone	**0.66 J**	**10**	**ug/L**
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	10	ug/L
Methylene chloride	ND	1.0	ug/L
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	**1.0 J**	**10**	**ug/L**
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: WELL/690WRIGHTA/033104

GC/MS Volatiles

Lot-Sample #...: A4D010298-004 **Work Order #...:** GDC951AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Tetrachloroethene	2.2	**1.0**	**ug/L**
Toluene	0.38 J	**1.0**	**ug/L**
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	0.65 J	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	12	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	2.0	**1.0**	**ug/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	120	(73 - 122)
1,2-Dichloroethane-d4	109	(61 - 128)
Toluene-d8	91	(76 - 110)
4-Bromofluorobenzene	103	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

PAYNE FIRM INC.

Client Sample ID: WELL/690WRIGHTB/033104

GC/MS Volatiles

Lot-Sample #...: A4D010298-005 **Work Order #...:** GDDA41AA **Matrix.....:** WG
Date Sampled...: 03/31/04 13:50 **Date Received..:** 04/01/04
Prep Date.....: 04/06/04 **Analysis Date..:** 04/06/04
Prep Batch #...: 4098158
Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	**1.2**	**0.50**	**ug/L**
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	10	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	10	ug/L
Methylene chloride	ND	1.0	ug/L
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: WELL/690WRIGHTB/033104

GC/MS Volatiles

Lot-Sample #...: A4D010298-005 **Work Order #...:** GDDA41AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Tetrachloroethene	**12**	**1.0**	**ug/L**
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	3.1	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	33	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	120	(73 - 122)
1,2-Dichloroethane-d4	113	(61 - 128)
Toluene-d8	93	(76 - 110)
4-Bromofluorobenzene	97	(74 - 116)

PAYNE FIRM INC.

Client Sample ID: WELL/780DAYTONA/033104

GC/MS Volatiles

Lot-Sample #...: A4D010298-006 **Work Order #...:** GDDA61AA **Matrix.....:** WG
Date Sampled...: 03/31/04 12:10 **Date Received..:** 04/01/04
Prep Date.....: 04/06/04 **Analysis Date..:** 04/06/04
Prep Batch #...: 4098158
Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	0.50	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	10	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	10	ug/L
Methylene chloride	ND	1.0	ug/L
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: WELL/780DAYTONA/033104

GC/MS Volatiles

Lot-Sample #...: A4D010298-006 **Work Order #...:** GDDA61AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	120	(73 - 122)
1,2-Dichloroethane-d4	113	(61 - 128)
Toluene-d8	93	(76 - 110)
4-Bromofluorobenzene	98	(74 - 116)

PAYNE FIRM INC.

Client Sample ID: WELL/780DAYTONB/033104

GC/MS Volatiles

Lot-Sample #...: A4D010298-007 **Work Order #...:** GDDCC1AA **Matrix.....:** WG
Date Sampled...: 03/31/04 12:22 **Date Received..:** 04/01/04
Prep Date.....: 04/06/04 **Analysis Date..:** 04/06/04
Prep Batch #...: 4098158
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	0.50	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	10	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	10	ug/L
Methylene chloride	ND	1.0	ug/L
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: WELL/780DAYTONB/033104

GC/MS Volatiles

Lot-Sample #...: A4D010298-007 **Work Order #...:** GDDCC1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	119	(73 - 122)
1,2-Dichloroethane-d4	112	(61 - 128)
Toluene-d8	91	(76 - 110)
4-Bromofluorobenzene	97	(74 - 116)

PAYNE FIRM INC.

Client Sample ID: WELL/860DAYTONA/033104

GC/MS Volatiles

Lot-Sample #...: A4D010298-008 **Work Order #...:** GDDCF1AA **Matrix.....:** WG
Date Sampled...: 03/31/04 10:25 **Date Received..:** 04/01/04
Prep Date.....: 04/06/04 **Analysis Date..:** 04/06/04
Prep Batch #...: 4098158
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	0.50	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	10	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	10	ug/L
Methylene chloride	ND	1.0	ug/L
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: WELL/860DAYTONA/033104

GC/MS Volatiles

Lot-Sample #...: A4D010298-008 **Work Order #...:** GDDCF1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	121	(73 - 122)
1,2-Dichloroethane-d4	117	(61 - 128)
Toluene-d8	93	(76 - 110)
4-Bromofluorobenzene	99	(74 - 116)

PAYNE FIRM INC.

Client Sample ID: WELL/860DAYTONB/033104

GC/MS Volatiles

Lot-Sample #...: A4D010298-009 **Work Order #...:** GDDCJ1AA **Matrix.....:** WG
Date Sampled...: 03/31/04 10:35 **Date Received..:** 04/01/04
Prep Date.....: 04/06/04 **Analysis Date..:** 04/06/04
Prep Batch #...: 4098158
Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	0.50	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	10	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	10	ug/L
Methylene chloride	ND	1.0	ug/L
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: WELL/860DAYTONB/033104

GC/MS Volatiles

Lot-Sample #...: A4D010298-009 **Work Order #...:** GDDCJ1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	121	(73 - 122)
1,2-Dichloroethane-d4	113	(61 - 128)
Toluene-d8	93	(76 - 110)
4-Bromofluorobenzene	99	(74 - 116)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A4D010298 **Work Order #...:** GDNF31AA **Matrix.....:** WATER
MB Lot-Sample #: A4D070000-158

Prep Date.....: 04/06/04
Analysis Date..: 04/06/04 **Prep Batch #...:** 4098158
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	1.1 J	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	0.50	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	0.50	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A4D010298 **Work Order #...:** GDNF31AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	115	(73 - 122)
1,2-Dichloroethane-d4	108	(61 - 128)
Toluene-d8	92	(76 - 110)
4-Bromofluorobenzene	101	(74 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4D010298 **Work Order #...:** GDNF31AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4D070000-158 GDNF31AD-LCSD
Prep Date.....: 04/05/04 **Analysis Date..:** 04/05/04
Prep Batch #...: 4098158
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	73	(22 - 200)			SW846 8260B
	69	(22 - 200)	5.6	(0-95)	SW846 8260B
Benzene	101	(80 - 116)			SW846 8260B
	102	(80 - 116)	1.5	(0-20)	SW846 8260B
Bromodichloromethane	96	(87 - 130)			SW846 8260B
	104	(87 - 130)	7.4	(0-30)	SW846 8260B
Bromoform	88	(76 - 150)			SW846 8260B
	90	(76 - 150)	2.6	(0-30)	SW846 8260B
Bromomethane	98	(64 - 129)			SW846 8260B
	104	(64 - 129)	5.9	(0-30)	SW846 8260B
2-Butanone	77	(28 - 237)			SW846 8260B
	75	(28 - 237)	2.0	(0-65)	SW846 8260B
Carbon disulfide	96	(73 - 139)			SW846 8260B
	98	(73 - 139)	1.5	(0-30)	SW846 8260B
Carbon tetrachloride	98	(75 - 149)			SW846 8260B
	101	(75 - 149)	3.2	(0-30)	SW846 8260B
Chlorobenzene	**90**	**(76 - 117)**			**SW846 8260B**
	95	**(76 - 117)**	**5.9**	**(0-20)**	**SW846 8260B**
Chloroethane	95	(66 - 126)			SW846 8260B
	106	(66 - 126)	10	(0-30)	SW846 8260B
Chloroform	100	(84 - 128)			SW846 8260B
	105	(84 - 128)	4.7	(0-30)	SW846 8260B
Chloromethane	91	(48 - 123)			SW846 8260B
	95	(48 - 123)	4.6	(0-30)	SW846 8260B
Dibromochloromethane	87	(81 - 138)			SW846 8260B
	93	(81 - 138)	6.2	(0-30)	SW846 8260B
1,2-Dichloroethene (total)	102	(82 - 116)			SW846 8260B
	105	(82 - 116)	2.2	(0-30)	SW846 8260B
1,1-Dichloroethane	103	(86 - 123)			SW846 8260B
	108	(86 - 123)	5.0	(0-30)	SW846 8260B
1,2-Dichloroethane	102	(79 - 136)			SW846 8260B
	107	(79 - 136)	4.7	(0-30)	SW846 8260B
1,1-Dichloroethene	**109**	**(63 - 130)**			**SW846 8260B**
	103	**(63 - 130)**	**5.3**	**(0-20)**	**SW846 8260B**
cis-1,2-Dichloroethene	103	(85 - 113)			SW846 8260B
	104	(85 - 113)	0.88	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	102	(79 - 120)			SW846 8260B
	105	(79 - 120)	3.6	(0-30)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4D010298 **Work Order #...:** GDNF31AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4D070000-158 GDNF31AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloropropane	102	(82 - 115)			SW846 8260B
	105	(82 - 115)	3.1	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	93	(84 - 130)			SW846 8260B
	99	(84 - 130)	5.7	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	80 a	(84 - 130)			SW846 8260B
	83 a	(84 - 130)	3.3	(0-30)	SW846 8260B
Ethylbenzene	87	(86 - 116)			SW846 8260B
	90	(86 - 116)	3.7	(0-30)	SW846 8260B
2-Hexanone	72	(35 - 200)			SW846 8260B
	73	(35 - 200)	1.7	(0-52)	SW846 8260B
Methylene chloride	102	(78 - 118)			SW846 8260B
	106	(78 - 118)	3.6	(0-30)	SW846 8260B
4-Methyl-2-pentanone	92	(78 - 141)			SW846 8260B
	93	(78 - 141)	0.68	(0-32)	SW846 8260B
Styrene	92	(85 - 117)			SW846 8260B
	97	(85 - 117)	4.7	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	80 a	(85 - 118)			SW846 8260B
	86	(85 - 118)	6.3	(0-30)	SW846 8260B
Tetrachloroethene	92	(88 - 113)			SW846 8260B
	95	(88 - 113)	3.4	(0-30)	SW846 8260B
Toluene	**87**	**(74 - 119)**			**SW846 8260B**
	93	**(74 - 119)**	**7.1**	**(0-20)**	**SW846 8260B**
1,1,1-Trichloroethane	98	(78 - 140)			SW846 8260B
	98	(78 - 140)	0.050	(0-30)	SW846 8260B
1,1,2-Trichloroethane	86	(83 - 122)			SW846 8260B
	91	(83 - 122)	5.9	(0-30)	SW846 8260B
Trichloroethene	**102**	**(75 - 122)**			**SW846 8260B**
	107	**(75 - 122)**	**4.1**	**(0-20)**	**SW846 8260B**
Vinyl chloride	99	(61 - 120)			SW846 8260B
	101	(61 - 120)	2.0	(0-30)	SW846 8260B
Xylenes (total)	91	(87 - 116)			SW846 8260B
	96	(87 - 116)	5.3	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	114	(73 - 122)
	114	(73 - 122)
1,2-Dichloroethane-d4	105	(61 - 128)
	102	(61 - 128)
Toluene-d8	95	(76 - 110)
	98	(76 - 110)
4-Bromofluorobenzene	109	(74 - 116)
	110	(74 - 116)

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4D010298 **Work Order #...:** GDNF31AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4D070000-158 GDNF31AD-LCSD

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4D010298 **Work Order #...:** GDNF31AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4D070000-158 GDNF31AD-LCSD
Prep Date.....: 04/05/04 **Analysis Date..:** 04/05/04
Prep Batch #...: 4098158
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	10	7.3	ug/L	73		SW846 8260B
	10	6.9	ug/L	69	5.6	SW846 8260B
Benzene	10	10	ug/L	101		SW846 8260B
	10	10	ug/L	102	1.5	SW846 8260B
Bromodichloromethane	10	9.6	ug/L	96		SW846 8260B
	10	10	ug/L	104	7.4	SW846 8260B
Bromoform	10	8.8	ug/L	88		SW846 8260B
	10	9.0	ug/L	90	2.6	SW846 8260B
Bromomethane	10	9.8	ug/L	98		SW846 8260B
	10	10	ug/L	104	5.9	SW846 8260B
2-Butanone	10	7.7	ug/L	77		SW846 8260B
	10	7.5	ug/L	75	2.0	SW846 8260B
Carbon disulfide	10	9.6	ug/L	96		SW846 8260B
	10	9.8	ug/L	98	1.5	SW846 8260B
Carbon tetrachloride	10	9.8	ug/L	98		SW846 8260B
	10	10	ug/L	101	3.2	SW846 8260B
Chlorobenzene	**10**	**9.0**	**ug/L**	**90**		**SW846 8260B**
	10	**9.5**	**ug/L**	**95**	**5.9**	**SW846 8260B**
Chloroethane	10	9.5	ug/L	95		SW846 8260B
	10	11	ug/L	106	10	SW846 8260B
Chloroform	10	10	ug/L	100		SW846 8260B
	10	11	ug/L	105	4.7	SW846 8260B
Chloromethane	10	9.1	ug/L	91		SW846 8260B
	10	9.5	ug/L	95	4.6	SW846 8260B
Dibromochloromethane	10	8.7	ug/L	87		SW846 8260B
	10	9.3	ug/L	93	6.2	SW846 8260B
1,2-Dichloroethene (total)	20	20	ug/L	102		SW846 8260B
	20	21	ug/L	105	2.2	SW846 8260B
1,1-Dichloroethane	10	10	ug/L	103		SW846 8260B
	10	11	ug/L	108	5.0	SW846 8260B
1,2-Dichloroethane	10	10	ug/L	102		SW846 8260B
	10	11	ug/L	107	4.7	SW846 8260B
1,1-Dichloroethene	**10**	**11**	**ug/L**	**109**		**SW846 8260B**
	10	**10**	**ug/L**	**103**	**5.3**	**SW846 8260B**
cis-1,2-Dichloroethene	10	10	ug/L	103		SW846 8260B
	10	10	ug/L	104	0.88	SW846 8260B
trans-1,2-Dichloroethene	10	10	ug/L	102		SW846 8260B
	10	11	ug/L	105	3.6	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4D010298 **Work Order #...:** GDNF31AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4D070000-158 GDNF31AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichloropropane	10	10	ug/L	102		SW846 8260B
	10	10	ug/L	105	3.1	SW846 8260B
cis-1,3-Dichloropropene	10	9.3	ug/L	93		SW846 8260B
	10	9.9	ug/L	99	5.7	SW846 8260B
trans-1,3-Dichloropropene	10	8.0 a	ug/L	80		SW846 8260B
	10	8.3 a	ug/L	83	3.3	SW846 8260B
Ethylbenzene	10	8.7	ug/L	87		SW846 8260B
	10	9.0	ug/L	90	3.7	SW846 8260B
2-Hexanone	10	7.2	ug/L	72		SW846 8260B
	10	7.3	ug/L	73	1.7	SW846 8260B
Methylene chloride	10	10	ug/L	102		SW846 8260B
	10	11	ug/L	106	3.6	SW846 8260B
4-Methyl-2-pentanone	10	9.2	ug/L	92		SW846 8260B
	10	9.3	ug/L	93	0.68	SW846 8260B
Styrene	10	9.2	ug/L	92		SW846 8260B
	10	9.7	ug/L	97	4.7	SW846 8260B
1,1,2,2-Tetrachloroethane	10	8.0 a	ug/L	80		SW846 8260B
	10	8.6	ug/L	86	6.3	SW846 8260B
Tetrachloroethene	10	9.2	ug/L	92		SW846 8260B
	10	9.5	ug/L	95	3.4	SW846 8260B
Toluene	**10**	**8.7**	**ug/L**	**87**		**SW846 8260B**
	10	**9.3**	**ug/L**	**93**	**7.1**	**SW846 8260B**
1,1,1-Trichloroethane	10	9.8	ug/L	98		SW846 8260B
	10	9.8	ug/L	98	0.050	SW846 8260B
1,1,2-Trichloroethane	10	8.6	ug/L	86		SW846 8260B
	10	9.1	ug/L	91	5.9	SW846 8260B
Trichloroethene	**10**	**10**	**ug/L**	**102**		**SW846 8260B**
	10	**11**	**ug/L**	**107**	**4.1**	**SW846 8260B**
Vinyl chloride	10	9.9	ug/L	99		SW846 8260B
	10	10	ug/L	101	2.0	SW846 8260B
Xylenes (total)	30	27	ug/L	91		SW846 8260B
	30	29	ug/L	96	5.3	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	114	(73 - 122)
	114	(73 - 122)
1,2-Dichloroethane-d4	105	(61 - 128)
	102	(61 - 128)
Toluene-d8	95	(76 - 110)
	98	(76 - 110)
4-Bromofluorobenzene	109	(74 - 116)
	110	(74 - 116)

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4D010298 **Work Order #...:** GDNF31AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4D070000-158 GDNF31AD-LCSD

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4D010298 **Work Order #...:** GDA2T1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A4D010154-001 GDA2T1AD-MSD
Date Sampled...: 03/31/04 10:15 **Date Received..:** 04/01/04
Prep Date.....: 04/06/04 **Analysis Date..:** 04/06/04
Prep Batch #...: 4098158
Dilution Factor: 5

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	53	(45 - 128)			SW846 8260B
	51	(45 - 128)	3.1	(0-30)	SW846 8260B
Benzene	101	(78 - 118)			SW846 8260B
	105	(78 - 118)	3.4	(0-20)	SW846 8260B
Bromodichloromethane	101	(80 - 146)			SW846 8260B
	104	(80 - 146)	3.6	(0-30)	SW846 8260B
Bromoform	91	(58 - 176)			SW846 8260B
	93	(58 - 176)	1.2	(0-30)	SW846 8260B
Bromomethane	108	(55 - 145)			SW846 8260B
	90	(55 - 145)	17	(0-30)	SW846 8260B
2-Butanone	78	(71 - 123)			SW846 8260B
	74	(71 - 123)	4.6	(0-30)	SW846 8260B
Carbon disulfide	99	(69 - 138)			SW846 8260B
	102	(69 - 138)	3.5	(0-41)	SW846 8260B
Carbon tetrachloride	98	(63 - 176)			SW846 8260B
	103	(63 - 176)	4.4	(0-30)	SW846 8260B
Chlorobenzene	**89**	**(76 - 117)**			**SW846 8260B**
	93	**(76 - 117)**	**4.4**	**(0-20)**	**SW846 8260B**
Chloroethane	110	(59 - 142)			SW846 8260B
	101	(59 - 142)	9.0	(0-30)	SW846 8260B
Chloroform	101	(83 - 141)			SW846 8260B
	106	(83 - 141)	4.8	(0-30)	SW846 8260B
Chloromethane	95	(40 - 137)			SW846 8260B
	98	(40 - 137)	3.1	(0-39)	SW846 8260B
Dibromochloromethane	89	(71 - 158)			SW846 8260B
	96	(71 - 158)	7.6	(0-30)	SW846 8260B
1,2-Dichloroethene (total)	107	(86 - 115)			SW846 8260B
	113	(86 - 115)	3.5	(0-30)	SW846 8260B
1,1-Dichloroethane	113	(88 - 127)			SW846 8260B
	131 a	(88 - 127)	5.0	(0-30)	SW846 8260B
1,2-Dichloroethane	106	(71 - 160)			SW846 8260B
	107	(71 - 160)	0.22	(0-30)	SW846 8260B
1,1-Dichloroethene	**103**	**(62 - 130)**			**SW846 8260B**
	108	**(62 - 130)**	**3.6**	**(0-20)**	**SW846 8260B**
cis-1,2-Dichloroethene	109	(87 - 114)			SW846 8260B
	116 a	(87 - 114)	3.9	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	106	(85 - 116)			SW846 8260B
	110	(85 - 116)	3.1	(0-30)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4D010298 **Work Order #...:** GDA2T1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A4D010154-001 GDA2T1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloropropane	101	(87 - 114)			SW846 8260B
	107	(87 - 114)	6.0	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	93	(82 - 130)			SW846 8260B
	94	(82 - 130)	1.6	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	81	(73 - 147)			SW846 8260B
	85	(73 - 147)	4.6	(0-30)	SW846 8260B
Ethylbenzene	86	(86 - 132)			SW846 8260B
	92	(86 - 132)	6.3	(0-30)	SW846 8260B
2-Hexanone	72 a	(81 - 128)			SW846 8260B
	74 a	(81 - 128)	3.7	(0-30)	SW846 8260B
Methylene chloride	104	(82 - 115)			SW846 8260B
	108	(82 - 115)	4.2	(0-30)	SW846 8260B
4-Methyl-2-pentanone	93	(82 - 135)			SW846 8260B
	92	(82 - 135)	0.80	(0-30)	SW846 8260B
Styrene	90	(83 - 120)			SW846 8260B
	96	(83 - 120)	6.9	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	94	(88 - 116)			SW846 8260B
	92	(88 - 116)	1.1	(0-30)	SW846 8260B
Tetrachloroethene	85	(85 - 121)			SW846 8260B
	93	(85 - 121)	8.9	(0-30)	SW846 8260B
Toluene	**85**	**(70 - 119)**			**SW846 8260B**
	92	**(70 - 119)**	**8.2**	**(0-20)**	**SW846 8260B**
1,1,1-Trichloroethane	101	(71 - 162)			SW846 8260B
	106	(71 - 162)	4.6	(0-30)	SW846 8260B
1,1,2-Trichloroethane	89	(86 - 129)			SW846 8260B
	94	(86 - 129)	5.8	(0-30)	SW846 8260B
Trichloroethene	**98**	**(62 - 130)**			**SW846 8260B**
	111	**(62 - 130)**	**7.8**	**(0-20)**	**SW846 8260B**
Vinyl chloride	102	(88 - 126)			SW846 8260B
	98	(88 - 126)	4.7	(0-30)	SW846 8260B
Xylenes (total)	91	(89 - 121)			SW846 8260B
	96	(89 - 121)	4.8	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	114	(73 - 122)
	118	(73 - 122)
1,2-Dichloroethane-d4	104	(61 - 128)
	105	(61 - 128)
Toluene-d8	**94**	(76 - 110)
	98	(76 - 110)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4D010298 **Work Order #...:** GDA2T1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A4D010154-001 GDA2T1AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	109	(74 - 116)
	111	(74 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4D010298 **Work Order #...:** GDA2T1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A4D010154-001 GDA2T1AD-MSD
Date Sampled...: 03/31/04 10:15 **Date Received..:** 04/01/04
Prep Date.....: 04/06/04 **Analysis Date..:** 04/06/04
Prep Batch #...: 4098158
Dilution Factor: 5

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	5.9	50	32	ug/L	53		SW846 8260B
	5.9	50	31	ug/L	51	3.1	SW846 8260B
Benzene	ND	50	51	ug/L	101		SW846 8260B
	ND	50	52	ug/L	105	3.4	SW846 8260B
Bromodichloromethane	ND	50	50	ug/L	101		SW846 8260B
	ND	50	52	ug/L	104	3.6	SW846 8260B
Bromoform	ND	50	46	ug/L	91		SW846 8260B
	ND	50	46	ug/L	93	1.2	SW846 8260B
Bromomethane	ND	50	54	ug/L	108		SW846 8260B
	ND	50	45	ug/L	90	17	SW846 8260B
2-Butanone	ND	50	39	ug/L	78		SW846 8260B
	ND	50	37	ug/L	74	4.6	SW846 8260B
Carbon disulfide	ND	50	49	ug/L	99		SW846 8260B
	ND	50	51	ug/L	102	3.5	SW846 8260B
Carbon tetrachloride	ND	50	49	ug/L	98		SW846 8260B
	ND	50	51	ug/L	103	4.4	SW846 8260B
Chlorobenzene	**ND**	**50**	**44**	**ug/L**	**89**		**SW846 8260B**
	ND	**50**	**46**	**ug/L**	**93**	**4.4**	**SW846 8260B**
Chloroethane	ND	50	55	ug/L	110		SW846 8260B
	ND	50	50	ug/L	101	9.0	SW846 8260B
Chloroform	ND	50	51	ug/L	101		SW846 8260B
	ND	50	53	ug/L	106	4.8	SW846 8260B
Chloromethane	ND	50	47	ug/L	95		SW846 8260B
	ND	50	49	ug/L	98	3.1	SW846 8260B
Dibromochloromethane	ND	50	45	ug/L	89		SW846 8260B
	ND	50	48	ug/L	96	7.6	SW846 8260B
1,2-Dichloroethene (total)	41	100	150	ug/L	107		SW846 8260B
	41	100	150	ug/L	113	3.5	SW846 8260B
1,1-Dichloroethane	120	50	180	ug/L	113		SW846 8260B
	120	50	190	ug/L	131 a	5.0	SW846 8260B
1,2-Dichloroethane	ND	50	53	ug/L	106		SW846 8260B
	ND	50	53	ug/L	107	0.22	SW846 8260B
1,1-Dichloroethene	**7.2**	**50**	**59**	**ug/L**	**103**		**SW846 8260B**
	7.2	**50**	**61**	**ug/L**	**108**	**3.6**	**SW846 8260B**
cis-1,2-Dichloroethene	27	50	82	ug/L	109		SW846 8260B
	27	50	85	ug/L	116 a	3.9	SW846 8260B
trans-1,2-Dichloroethene	14	50	67	ug/L	106		SW846 8260B
	14	50	69	ug/L	110	3.1	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4D010298 **Work Order #...:** GDA2T1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A4D010154-001 GDA2T1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Dichloropropane	ND	50	50	ug/L	101		SW846 8260B
	ND	50	53	ug/L	107	6.0	SW846 8260B
cis-1,3-Dichloropropene	ND	50	46	ug/L	93		SW846 8260B
	ND	50	47	ug/L	94	1.6	SW846 8260B
trans-1,3-Dichloropropene	ND	50	41	ug/L	81		SW846 8260B
	ND	50	42	ug/L	85	4.6	SW846 8260B
Ethylbenzene	ND	50	43	ug/L	86		SW846 8260B
	ND	50	46	ug/L	92	6.3	SW846 8260B
2-Hexanone	ND	50	36	ug/L	72 a		SW846 8260B
	ND	50	37	ug/L	74 a	3.7	SW846 8260B
Methylene chloride	ND	50	52	ug/L	104		SW846 8260B
	ND	50	54	ug/L	108	4.2	SW846 8260B
4-Methyl-2-pentanone	ND	50	46	ug/L	93		SW846 8260B
	ND	50	46	ug/L	92	0.80	SW846 8260B
Styrene	ND	50	45	ug/L	90		SW846 8260B
	ND	50	48	ug/L	96	6.9	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	50	47	ug/L	94		SW846 8260B
	ND	50	46	ug/L	92	1.1	SW846 8260B
Tetrachloroethene	ND	50	43	ug/L	85		SW846 8260B
	ND	50	47	ug/L	93	8.9	SW846 8260B
Toluene	**ND**	**50**	**43**	**ug/L**	**85**		**SW846 8260B**
	ND	**50**	**46**	**ug/L**	**92**	**8.2**	**SW846 8260B**
1,1,1-Trichloroethane	ND	50	51	ug/L	101		SW846 8260B
	ND	50	53	ug/L	106	4.6	SW846 8260B
1,1,2-Trichloroethane	ND	50	44	ug/L	89		SW846 8260B
	ND	50	47	ug/L	94	5.8	SW846 8260B
Trichloroethene	**30**	**50**	**79**	**ug/L**	**98**		**SW846 8260B**
	30	**50**	**86**	**ug/L**	**111**	**7.8**	**SW846 8260B**
Vinyl chloride	ND	50	51	ug/L	102		SW846 8260B
	ND	50	49	ug/L	98	4.7	SW846 8260B
Xylenes (total)	ND	150	140	ug/L	91		SW846 8260B
	ND	150	140	ug/L	96	4.8	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	114	(73 - 122)
	118	(73 - 122)
1,2-Dichloroethane-d4	104	(61 - 128)
	105	(61 - 128)
Toluene-d8	94	(76 - 110)
	98	(76 - 110)

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4D010298 **Work Order #...:** GDA2T1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A4D010154-001 GDA2T1AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	109	(74 - 116)
	111	(74 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

ANALYTICAL REPORT

PROJECT NO. 292.11.35

VERNAY-OH

Lot #: A4D060200

David Contant

The Payne Firm, Inc.
11231 Cornell Park Drive
Cincinnati, OH 45242

SEVERN TRENT LABORATORIES, INC.

Roger K. Toth
Project Manager

April 20, 2004

EXECUTIVE SUMMARY - Detection Highlights

A4D060200

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TRIP BLANK 04/05/04 001				
Acetone	2.5 J,B	10	ug/L	SW846 8260B
2-Butanone	1.1 J	10	ug/L	SW846 8260B
DUP01/040504 04/05/04 002				
Acetone	1.1 J,B	10	ug/L	SW846 8260B

ANALYTICAL METHODS SUMMARY

A4D060200

PARAMETER	ANALYTICAL METHOD
Volatile Organics by GC/MS	SW846 8260B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A4D060200

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
GDLQ0	001	TRIP BLANK	04/05/04	
GDLQ2	002	DUP01/040504	04/05/04	
GDLQ7	003	WELL/825 DAYTONA/040504	04/05/04	
GDLRD	004	WELL/825 DAYTONB/040504	04/05/04	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

PAYNE FIRM INC.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: A4D060200-001 **Work Order #...:** GDLQ01AA **Matrix.....:** WQ
Date Sampled...: 04/05/04 **Date Received..:** 04/06/04
Prep Date.....: 04/12/04 **Analysis Date..:** 04/12/04
Prep Batch #...: 4104220
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**2.5 J,B**	**10**	**ug/L**
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	**1.1 J**	**10**	**ug/L**
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	0.50	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	10	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	10	ug/L
Methylene chloride	ND	1.0	ug/L
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: A4D060200-001 **Work Order #...:** GDLQ01AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(73 - 122)
1,2-Dichloroethane-d4	100	(61 - 128)
Toluene-d8	93	(76 - 110)
4-Bromofluorobenzene	79	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

PAYNE FIRM INC.

Client Sample ID: DUP01/040504

GC/MS Volatiles

Lot-Sample #...: A4D060200-002 **Work Order #...:** GDLQ21AA **Matrix.....:** WQ
Date Sampled...: 04/05/04 **Date Received..:** 04/06/04
Prep Date.....: 04/12/04 **Analysis Date..:** 04/12/04
Prep Batch #...: 4104220
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**1.1 J,B**	**10**	**ug/L**
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	0.50	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	10	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	10	ug/L
Methylene chloride	ND	1.0	ug/L
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: DUP01/040504

GC/MS Volatiles

Lot-Sample #...: A4D060200-002 **Work Order #...:** GDLQ21AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	107	(73 - 122)
1,2-Dichloroethane-d4	98	(61 - 128)
Toluene-d8	92	(76 - 110)
4-Bromofluorobenzene	79	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

PAYNE FIRM INC.

Client Sample ID: WELL/825 DAYTONA/040504

GC/MS Volatiles

Lot-Sample #...: A4D060200-003 **Work Order #...:** GDLQ71AA **Matrix.....:** WG
Date Sampled...: 04/05/04 **Date Received..:** 04/06/04
Prep Date.....: 04/12/04 **Analysis Date..:** 04/12/04
Prep Batch #...: 4104220
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	0.50	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	10	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	10	ug/L
Methylene chloride	ND	1.0	ug/L
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: WELL/825 DAYTONA/040504

GC/MS Volatiles

Lot-Sample #...: A4D060200-003 **Work Order #...:** GDLQ71AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	109	(73 - 122)
1,2-Dichloroethane-d4	98	(61 - 128)
Toluene-d8	93	(76 - 110)
4-Bromofluorobenzene	78	(74 - 116)

PAYNE FIRM INC.

Client Sample ID: WELL/825 DAYTONB/040504

GC/MS Volatiles

Lot-Sample #...: A4D060200-004 **Work Order #...:** GDLRD1AA **Matrix.....:** WG
Date Sampled...: 04/05/04 **Date Received..:** 04/06/04
Prep Date.....: 04/12/04 **Analysis Date..:** 04/12/04
Prep Batch #...: 4104220
Dilution Factor: 1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	0.50	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	10	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	10	ug/L
Methylene chloride	ND	1.0	ug/L
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: WELL/825 DAYTONB/040504

GC/MS Volatiles

Lot-Sample #...: A4D060200-004 **Work Order #...:** GDLRD1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	107	(73 - 122)
1,2-Dichloroethane-d4	102	(61 - 128)
Toluene-d8	91	(76 - 110)
4-Bromofluorobenzene	77	(74 - 116)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A4D060200 **Work Order #...:** GD2MF1AA **Matrix.....:** WATER
MB Lot-Sample #: A4D130000-220

Prep Date.....: 04/12/04
Analysis Date..: 04/12/04 **Prep Batch #...:** 4104220
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	**1.6 J**	**10**	**ug/L**	**SW846 8260B**
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	0.50	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	0.50	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	**0.63 J**	**1.0**	**ug/L**	**SW846 8260B**
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A4D060200 **Work Order #...:** GD2MF1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(73 - 122)
1,2-Dichloroethane-d4	97	(61 - 128)
Toluene-d8	93	(76 - 110)
4-Bromofluorobenzene	78	(74 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4D060200 **Work Order #...:** GD2MF1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4D130000-220 GD2MF1AD-LCSD
Prep Date.....: 04/12/04 **Analysis Date..:** 04/12/04
Prep Batch #...: 4104220
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	76	(22 - 200)			SW846 8260B
	85	(22 - 200)	11	(0-95)	SW846 8260B
Benzene	96	(80 - 116)			SW846 8260B
	97	(80 - 116)	0.78	(0-20)	SW846 8260B
Bromodichloromethane	98	(87 - 130)			SW846 8260B
	98	(87 - 130)	0.24	(0-30)	SW846 8260B
Bromoform	88	(76 - 150)			SW846 8260B
	95	(76 - 150)	7.9	(0-30)	SW846 8260B
Bromomethane	96	(64 - 129)			SW846 8260B
	96	(64 - 129)	0.38	(0-30)	SW846 8260B
2-Butanone	62	(28 - 237)			SW846 8260B
	76	(28 - 237)	20	(0-65)	SW846 8260B
Carbon disulfide	94	(73 - 139)			SW846 8260B
	94	(73 - 139)	0.71	(0-30)	SW846 8260B
Carbon tetrachloride	88	(75 - 149)			SW846 8260B
	89	(75 - 149)	0.81	(0-30)	SW846 8260B
Chlorobenzene	**98**	**(76 - 117)**			**SW846 8260B**
	100	**(76 - 117)**	**1.7**	**(0-20)**	**SW846 8260B**
Chloroethane	98	(66 - 126)			SW846 8260B
	102	(66 - 126)	4.8	(0-30)	SW846 8260B
Chloroform	99	(84 - 128)			SW846 8260B
	99	(84 - 128)	0.42	(0-30)	SW846 8260B
Chloromethane	69	(48 - 123)			SW846 8260B
	68	(48 - 123)	1.4	(0-30)	SW846 8260B
Dibromochloromethane	90	(81 - 138)			SW846 8260B
	94	(81 - 138)	5.1	(0-30)	SW846 8260B
1,2-Dichloroethene (total)	95	(82 - 116)			SW846 8260B
	97	(82 - 116)	1.6	(0-30)	SW846 8260B
1,1-Dichloroethane	96	(86 - 123)			SW846 8260B
	98	(86 - 123)	2.2	(0-30)	SW846 8260B
1,2-Dichloroethane	98	(79 - 136)			SW846 8260B
	101	(79 - 136)	2.5	(0-30)	SW846 8260B
1,1-Dichloroethene	**95**	**(63 - 130)**			**SW846 8260B**
	96	**(63 - 130)**	**1.1**	**(0-20)**	**SW846 8260B**
cis-1,2-Dichloroethene	94	(85 - 113)			SW846 8260B
	95	(85 - 113)	0.95	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	96	(79 - 120)			SW846 8260B
	98	(79 - 120)	2.3	(0-30)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4D060200 **Work Order #...:** GD2MF1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4D130000-220 GD2MF1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloropropane	95	(82 - 115)			SW846 8260B
	98	(82 - 115)	3.8	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	84	(84 - 130)			SW846 8260B
	85	(84 - 130)	1.3	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	72 a	(84 - 130)			SW846 8260B
	75 a	(84 - 130)	4.5	(0-30)	SW846 8260B
Ethylbenzene	95	(86 - 116)			SW846 8260B
	96	(86 - 116)	0.75	(0-30)	SW846 8260B
2-Hexanone	61	(35 - 200)			SW846 8260B
	73	(35 - 200)	17	(0-52)	SW846 8260B
Methylene chloride	99	(78 - 118)			SW846 8260B
	99	(78 - 118)	0.69	(0-30)	SW846 8260B
4-Methyl-2-pentanone	77 a	(78 - 141)			SW846 8260B
	87	(78 - 141)	13	(0-32)	SW846 8260B
Styrene	96	(85 - 117)			SW846 8260B
	96	(85 - 117)	0.17	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	97	(85 - 118)			SW846 8260B
	104	(85 - 118)	6.3	(0-30)	SW846 8260B
Tetrachloroethene	99	(88 - 113)			SW846 8260B
	99	(88 - 113)	0.45	(0-30)	SW846 8260B
Toluene	**94**	**(74 - 119)**			**SW846 8260B**
	97	**(74 - 119)**	**2.9**	**(0-20)**	**SW846 8260B**
1,1,1-Trichloroethane	88	(78 - 140)			SW846 8260B
	89	(78 - 140)	1.2	(0-30)	SW846 8260B
1,1,2-Trichloroethane	96	(83 - 122)			SW846 8260B
	104	(83 - 122)	8.2	(0-30)	SW846 8260B
Trichloroethene	**101**	**(75 - 122)**			**SW846 8260B**
	103	**(75 - 122)**	**2.8**	**(0-20)**	**SW846 8260B**
Vinyl chloride	84	(61 - 120)			SW846 8260B
	83	(61 - 120)	1.0	(0-30)	SW846 8260B
Xylenes (total)	97	(87 - 116)			SW846 8260B
	98	(87 - 116)	0.41	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(73 - 122)
	101	(73 - 122)
1,2-Dichloroethane-d4	97	(61 - 128)
	100	(61 - 128)
Toluene-d8	96	(76 - 110)
	97	(76 - 110)
4-Bromofluorobenzene	84	(74 - 116)
	87	(74 - 116)

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4D060200 **Work Order #...:** GD2MF1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4D130000-220 GD2MF1AD-LCSD

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4D060200 **Work Order #...:** GD2MF1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4D130000-220 GD2MF1AD-LCSD
Prep Date.....: 04/12/04 **Analysis Date..:** 04/12/04
Prep Batch #...: 4104220
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	10	7.6	ug/L	76		SW846 8260B
	10	8.5	ug/L	85	11	SW846 8260B
Benzene	10	9.6	ug/L	96		SW846 8260B
	10	**9.7**	**ug/L**	**97**	0.78	**SW846 8260B**
Bromodichloromethane	10	9.8	ug/L	98		SW846 8260B
	10	9.8	ug/L	98	0.24	SW846 8260B
Bromoform	10	8.8	ug/L	88		SW846 8260B
	10	9.5	ug/L	95	7.9	SW846 8260B
Bromomethane	10	9.6	ug/L	96		SW846 8260B
	10	9.6	ug/L	96	0.38	SW846 8260B
2-Butanone	10	6.2	ug/L	62		SW846 8260B
	10	7.6	ug/L	76	20	SW846 8260B
Carbon disulfide	10	9.4	ug/L	94		SW846 8260B
	10	9.4	ug/L	94	0.71	SW846 8260B
Carbon tetrachloride	10	8.8	ug/L	88		SW846 8260B
	10	8.9	ug/L	89	0.81	SW846 8260B
Chlorobenzene	**10**	**9.8**	**ug/L**	**98**		**SW846 8260B**
	10	**10**	**ug/L**	**100**	**1.7**	**SW846 8260B**
Chloroethane	10	9.8	ug/L	98		SW846 8260B
	10	10	ug/L	102	4.8	SW846 8260B
Chloroform	10	9.9	ug/L	99		SW846 8260B
	10	9.9	ug/L	99	0.42	SW846 8260B
Chloromethane	10	6.9	ug/L	69		SW846 8260B
	10	6.8	ug/L	68	1.4	SW846 8260B
Dibromochloromethane	10	9.0	ug/L	90		SW846 8260B
	10	9.4	ug/L	94	5.1	SW846 8260B
1,2-Dichloroethene (total)	20	19	ug/L	95		SW846 8260B
	20	19	ug/L	97	1.6	SW846 8260B
1,1-Dichloroethane	10	9.6	ug/L	96		SW846 8260B
	10	9.8	ug/L	98	2.2	SW846 8260B
1,2-Dichloroethane	10	9.8	ug/L	98		SW846 8260B
	10	10	ug/L	101	2.5	SW846 8260B
1,1-Dichloroethene	**10**	**9.5**	**ug/L**	**95**		**SW846 8260B**
	10	**9.6**	**ug/L**	**96**	**1.1**	**SW846 8260B**
cis-1,2-Dichloroethene	10	9.4	ug/L	94		SW846 8260B
	10	9.5	ug/L	95	0.95	SW846 8260B
trans-1,2-Dichloroethene	10	9.6	ug/L	96		SW846 8260B
	10	9.8	ug/L	98	2.3	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4D060200 **Work Order #...:** GD2MF1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4D130000-220 GD2MF1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichloropropane	10	9.5	ug/L	95		SW846 8260B
	10	9.8	ug/L	98	3.8	SW846 8260B
cis-1,3-Dichloropropene	10	8.4	ug/L	84		SW846 8260B
	10	8.5	ug/L	85	1.3	SW846 8260B
trans-1,3-Dichloropropene	10	7.2 a	ug/L	72		SW846 8260B
	10	7.5 a	ug/L	75	4.5	SW846 8260B
Ethylbenzene	10	9.5	ug/L	95		SW846 8260B
	10	9.6	ug/L	96	0.75	SW846 8260B
2-Hexanone	10	6.1	ug/L	61		SW846 8260B
	10	7.3	ug/L	73	17	SW846 8260B
Methylene chloride	10	9.9	ug/L	99		SW846 8260B
	10	9.9	ug/L	99	0.69	SW846 8260B
4-Methyl-2-pentanone	10	7.7 a	ug/L	77		SW846 8260B
	10	8.7	ug/L	87	13	SW846 8260B
Styrene	10	9.6	ug/L	96		SW846 8260B
	10	9.6	ug/L	96	0.17	SW846 8260B
1,1,2,2-Tetrachloroethane	10	9.7	ug/L	97		SW846 8260B
	10	10	ug/L	104	6.3	SW846 8260B
Tetrachloroethene	10	9.9	ug/L	99		SW846 8260B
	10	9.9	ug/L	99	0.45	SW846 8260B
Toluene	**10**	**9.4**	**ug/L**	**94**		**SW846 8260B**
	10	**9.7**	**ug/L**	**97**	**2.9**	**SW846 8260B**
1,1,1-Trichloroethane	10	8.8	ug/L	88		SW846 8260B
	10	8.9	ug/L	89	1.2	SW846 8260B
1,1,2-Trichloroethane	10	9.6	ug/L	96		SW846 8260B
	10	10	ug/L	104	8.2	SW846 8260B
Trichloroethene	**10**	**10**	**ug/L**	**101**		**SW846 8260B**
	10	**10**	**ug/L**	**103**	**2.8**	**SW846 8260B**
Vinyl chloride	10	8.4	ug/L	84		SW846 8260B
	10	8.3	ug/L	83	1.0	SW846 8260B
Xylenes (total)	30	29	ug/L	97		SW846 8260B
	30	29	ug/L	98	0.41	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(73 - 122)
	101	(73 - 122)
1,2-Dichloroethane-d4	97	(61 - 128)
	100	(61 - 128)
Toluene-d8	96	(76 - 110)
	97	(76 - 110)
4-Bromofluorobenzene	84	(74 - 116)
	87	(74 - 116)

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4D060200 **Work Order #...:** GD2MF1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4D130000-220 GD2MF1AD-LCSD

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4D060200 **Work Order #...:** GDCF91CC-MS **Matrix.....:** WATER
MS Lot-Sample #: A4D010187-005 GDCF91CD-MSD
Date Sampled...: 03/31/04 07:40 **Date Received..:** 04/01/04
Prep Date.....: 04/12/04 **Analysis Date..:** 04/12/04
Prep Batch #...: 4104220
Dilution Factor: 33.33

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	49	(45 - 128)			SW846 8260B
	48	(45 - 128)	1.5	(0-30)	SW846 8260B
Benzene	100	(78 - 118)			SW846 8260B
	101	**(78 - 118)**	0.26	(0-20)	SW846 8260B
Bromodichloromethane	102	(80 - 146)			SW846 8260B
	103	(80 - 146)	1.1	(0-30)	SW846 8260B
Bromoform	98	(58 - 176)			SW846 8260B
	94	(58 - 176)	3.3	(0-30)	SW846 8260B
Bromomethane	113	(55 - 145)			SW846 8260B
	116	(55 - 145)	2.8	(0-30)	SW846 8260B
2-Butanone	65 a	(71 - 123)			SW846 8260B
	61 a	(71 - 123)	5.9	(0-30)	SW846 8260B
Carbon disulfide	112	(69 - 138)			SW846 8260B
	112	(69 - 138)	0.42	(0-41)	SW846 8260B
Carbon tetrachloride	93	(63 - 176)			SW846 8260B
	99	(63 - 176)	6.2	(0-30)	SW846 8260B
Chlorobenzene	**103**	**(76 - 117)**			**SW846 8260B**
	105	**(76 - 117)**	**1.8**	**(0-20)**	**SW846 8260B**
Chloroethane	117	(59 - 142)			SW846 8260B
	122	(59 - 142)	3.9	(0-30)	SW846 8260B
Chloroform	104	(83 - 141)			SW846 8260B
	104	(83 - 141)	0.01	(0-30)	SW846 8260B
Chloromethane	106	(40 - 137)			SW846 8260B
	107	(40 - 137)	0.62	(0-39)	SW846 8260B
Dibromochloromethane	98	(71 - 158)			SW846 8260B
	98	(71 - 158)	0.04	(0-30)	SW846 8260B
1,2-Dichloroethene (total)	102	(86 - 115)			SW846 8260B
	103	(86 - 115)	0.95	(0-30)	SW846 8260B
1,1-Dichloroethane	102	(88 - 127)			SW846 8260B
	101	(88 - 127)	1.4	(0-30)	SW846 8260B
1,2-Dichloroethane	102	(71 - 160)			SW846 8260B
	102	(71 - 160)	0.22	(0-30)	SW846 8260B
1,1-Dichloroethene	**108**	**(62 - 130)**			**SW846 8260B**
	111	**(62 - 130)**	**2.6**	**(0-20)**	**SW846 8260B**
cis-1,2-Dichloroethene	97	(87 - 114)			SW846 8260B
	102	(87 - 114)	4.9	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	107	(85 - 116)			SW846 8260B
	104	(85 - 116)	2.7	(0-30)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4D060200 **Work Order #...:** GDCF91CC-MS **Matrix.....:** WATER
MS Lot-Sample #: A4D010187-005 GDCF91CD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloropropane	97	(87 - 114)			SW846 8260B
	101	(87 - 114)	3.4	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	86	(82 - 130)			SW846 8260B
	84	(82 - 130)	1.8	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	76	(73 - 147)			SW846 8260B
	74	(73 - 147)	3.6	(0-30)	SW846 8260B
Ethylbenzene	100	(86 - 132)			SW846 8260B
	100	(86 - 132)	0.01	(0-30)	SW846 8260B
2-Hexanone	64 a	(81 - 128)			SW846 8260B
	59 a	(81 - 128)	7.7	(0-30)	SW846 8260B
Methylene chloride	101	(82 - 115)			SW846 8260B
	99	(82 - 115)	1.9	(0-30)	SW846 8260B
4-Methyl-2-pentanone	81 a	(82 - 135)			SW846 8260B
	69 a	(82 - 135)	16	(0-30)	SW846 8260B
Styrene	101	(83 - 120)			SW846 8260B
	98	(83 - 120)	2.9	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	109	(88 - 116)			SW846 8260B
	102	(88 - 116)	6.7	(0-30)	SW846 8260B
Tetrachloroethene	107	(85 - 121)			SW846 8260B
	108	(85 - 121)	0.72	(0-30)	SW846 8260B
Toluene	**102**	**(70 - 119)**			**SW846 8260B**
	101	**(70 - 119)**	**0.73**	**(0-20)**	**SW846 8260B**
1,1,1-Trichloroethane	91	(71 - 162)			SW846 8260B
	93	(71 - 162)	2.0	(0-30)	SW846 8260B
1,1,2-Trichloroethane	106	(86 - 129)			SW846 8260B
	99	(86 - 129)	6.3	(0-30)	SW846 8260B
Trichloroethene	**104**	**(62 - 130)**			**SW846 8260B**
	103	**(62 - 130)**	**0.59**	**(0-20)**	**SW846 8260B**
Vinyl chloride	120	(88 - 126)			SW846 8260B
	119	(88 - 126)	0.20	(0-30)	SW846 8260B
Xylenes (total)	103	(89 - 121)			SW846 8260B
	104	(89 - 121)	0.67	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(73 - 122)
	100	(73 - 122)
1,2-Dichloroethane-d4	98	(61 - 128)
	98	(61 - 128)
Toluene-d8	98	(76 - 110)
	98	(76 - 110)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4D060200 **Work Order #...:** GDCF91CC-MS **Matrix.....:** WATER
MS Lot-Sample #: A4D010187-005 GDCF91CD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	82	(74 - 116)
	84	(74 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4D060200 **Work Order #...:** GDCF91CC-MS **Matrix.....:** WATER
MS Lot-Sample #: A4D010187-005 GDCF91CD-MSD
Date Sampled...: 03/31/04 07:40 **Date Received..:** 04/01/04
Prep Date.....: 04/12/04 **Analysis Date..:** 04/12/04
Prep Batch #...: 4104220
Dilution Factor: 33.33

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	50	330	220	ug/L	49		SW846 8260B
	50	330	210	ug/L	48	1.5	SW846 8260B
Benzene	ND	330	330	ug/L	100		SW846 8260B
	ND	330	340	ug/L	101	0.26	SW846 8260B
Bromodichloromethane	ND	330	340	ug/L	102		SW846 8260B
	ND	330	340	ug/L	103	1.1	SW846 8260B
Bromoform	ND	330	330	ug/L	98		SW846 8260B
	ND	330	310	ug/L	94	3.3	SW846 8260B
Bromomethane	ND	330	380	ug/L	113		SW846 8260B
	ND	330	390	ug/L	116	2.8	SW846 8260B
2-Butanone	ND	330	220	ug/L	65 a		SW846 8260B
	ND	330	200	ug/L	61 a	5.9	SW846 8260B
Carbon disulfide	ND	330	370	ug/L	112		SW846 8260B
	ND	330	370	ug/L	112	0.42	SW846 8260B
Carbon tetrachloride	ND	330	310	ug/L	93		SW846 8260B
	ND	330	330	ug/L	99	6.2	SW846 8260B
Chlorobenzene	**ND**	**330**	**340**	**ug/L**	**103**		**SW846 8260B**
	ND	**330**	**350**	**ug/L**	**105**	**1.8**	**SW846 8260B**
Chloroethane	ND	330	390	ug/L	117		SW846 8260B
	ND	330	410	ug/L	122	3.9	SW846 8260B
Chloroform	ND	330	350	ug/L	104		SW846 8260B
	ND	330	350	ug/L	104	0.01	SW846 8260B
Chloromethane	ND	330	350	ug/L	106		SW846 8260B
	ND	330	360	ug/L	107	0.62	SW846 8260B
Dibromochloromethane	ND	330	330	ug/L	98		SW846 8260B
	ND	330	330	ug/L	98	0.04	SW846 8260B
1,2-Dichloroethene (total)	ND	670	680	ug/L	102		SW846 8260B
	ND	670	690	ug/L	103	0.95	SW846 8260B
1,1-Dichloroethane	ND	330	340	ug/L	102		SW846 8260B
	ND	330	340	ug/L	101	1.4	SW846 8260B
1,2-Dichloroethane	ND	330	340	ug/L	102		SW846 8260B
	ND	330	340	ug/L	102	0.22	SW846 8260B
1,1-Dichloroethene	**ND**	**330**	**360**	**ug/L**	**108**		**SW846 8260B**
	ND	**330**	**370**	**ug/L**	**111**	**2.6**	**SW846 8260B**
cis-1,2-Dichloroethene	ND	330	320	ug/L	97		SW846 8260B
	ND	330	340	ug/L	102	4.9	SW846 8260B
trans-1,2-Dichloroethene	ND	330	360	ug/L	107		SW846 8260B
	ND	330	350	ug/L	104	2.7	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4D060200 **Work Order #...:** GDCF91CC-MS **Matrix.....:** WATER
MS Lot-Sample #: A4D010187-005 GDCF91CD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Dichloropropane	ND	330	320	ug/L	97		SW846 8260B
	ND	330	340	ug/L	101	3.4	SW846 8260B
cis-1,3-Dichloropropene	ND	330	290	ug/L	86		SW846 8260B
	ND	330	280	ug/L	84	1.8	SW846 8260B
trans-1,3-Dichloropropene	ND	330	250	ug/L	76		SW846 8260B
	ND	330	250	ug/L	74	3.6	SW846 8260B
Ethylbenzene	ND	330	330	ug/L	100		SW846 8260B
	ND	330	330	ug/L	100	0.01	SW846 8260B
2-Hexanone	ND	330	210	ug/L	64 a		SW846 8260B
	ND	330	200	ug/L	59 a	7.7	SW846 8260B
Methylene chloride	20	330	360	ug/L	101		SW846 8260B
	20	330	350	ug/L	99	1.9	SW846 8260B
4-Methyl-2-pentanone	ND	330	270	ug/L	81 a		SW846 8260B
	ND	330	230	ug/L	69 a	16	SW846 8260B
Styrene	ND	330	340	ug/L	101		SW846 8260B
	ND	330	330	ug/L	98	2.9	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	330	360	ug/L	109		SW846 8260B
	ND	330	340	ug/L	102	6.7	SW846 8260B
Tetrachloroethene	ND	330	360	ug/L	107		SW846 8260B
	ND	330	360	ug/L	108	0.72	SW846 8260B
Toluene	**ND**	**330**	**340**	**ug/L**	**102**		**SW846 8260B**
	ND	**330**	**340**	**ug/L**	**101**	**0.73**	**SW846 8260B**
1,1,1-Trichloroethane	ND	330	300	ug/L	91		SW846 8260B
	ND	330	310	ug/L	93	2.0	SW846 8260B
1,1,2-Trichloroethane	ND	330	350	ug/L	106		SW846 8260B
	ND	330	330	ug/L	99	6.3	SW846 8260B
Trichloroethene	**ND**	**330**	**350**	**ug/L**	**104**		**SW846 8260B**
	ND	**330**	**340**	**ug/L**	**103**	**0.59**	**SW846 8260B**
Vinyl chloride	ND	330	400	ug/L	120		SW846 8260B
	ND	330	400	ug/L	119	0.20	SW846 8260B
Xylenes (total)	ND	1000	1000	ug/L	103		SW846 8260B
	ND	1000	1000	ug/L	104	0.67	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(73 - 122)
	100	(73 - 122)
1,2-Dichloroethane-d4	98	(61 - 128)
	98	(61 - 128)
Toluene-d8	98	(76 - 110)
	98	(76 - 110)

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4D060200 **Work Order #...:** GDCF91CC-MS **Matrix.....:** WATER
MS Lot-Sample #: A4D010187-005 GDCF91CD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	82	(74 - 116)
	84	(74 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4D060200 **Work Order #...:** GDLRD1AC-MS **Matrix.....:** WG
MS Lot-Sample #: A4D060200-004 GDLRD1AD-MSD
Date Sampled...: 04/05/04 **Date Received..:** 04/06/04
Prep Date.....: 04/12/04 **Analysis Date..:** 04/12/04
Prep Batch #...: 4104220
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	61	(45 - 128)			SW846 8260B
	62	(45 - 128)	2.8	(0-30)	SW846 8260B
Benzene	93	(78 - 118)			SW846 8260B
	95	(78 - 118)	1.8	(0-20)	SW846 8260B
Bromodichloromethane	96	(80 - 146)			SW846 8260B
	98	(80 - 146)	1.3	(0-30)	SW846 8260B
Bromoform	86	(58 - 176)			SW846 8260B
	93	(58 - 176)	7.0	(0-30)	SW846 8260B
Bromomethane	90	(55 - 145)			SW846 8260B
	94	(55 - 145)	4.2	(0-30)	SW846 8260B
2-Butanone	60 a	(71 - 123)			SW846 8260B
	61 a	(71 - 123)	2.0	(0-30)	SW846 8260B
Carbon disulfide	96	(69 - 138)			SW846 8260B
	93	(69 - 138)	3.0	(0-41)	SW846 8260B
Carbon tetrachloride	88	(63 - 176)			SW846 8260B
	89	(63 - 176)	1.2	(0-30)	SW846 8260B
Chlorobenzene	**94**	**(76 - 117)**			**SW846 8260B**
	95	**(76 - 117)**	**1.8**	**(0-20)**	**SW846 8260B**
Chloroethane	95	(59 - 142)			SW846 8260B
	96	(59 - 142)	1.1	(0-30)	SW846 8260B
Chloroform	97	(83 - 141)			SW846 8260B
	99	(83 - 141)	1.9	(0-30)	SW846 8260B
Chloromethane	69	(40 - 137)			SW846 8260B
	68	(40 - 137)	1.5	(0-39)	SW846 8260B
Dibromochloromethane	90	(71 - 158)			SW846 8260B
	90	(71 - 158)	0.13	(0-30)	SW846 8260B
1,2-Dichloroethene (total)	96	(86 - 115)			SW846 8260B
	95	(86 - 115)	1.8	(0-30)	SW846 8260B
1,1-Dichloroethane	95	(88 - 127)			SW846 8260B
	96	(88 - 127)	0.60	(0-30)	SW846 8260B
1,2-Dichloroethane	100	(71 - 160)			SW846 8260B
	98	(71 - 160)	1.9	(0-30)	SW846 8260B
1,1-Dichloroethene	**94**	**(62 - 130)**			**SW846 8260B**
	95	**(62 - 130)**	**1.3**	**(0-20)**	**SW846 8260B**
cis-1,2-Dichloroethene	96	(87 - 114)			SW846 8260B
	92	(87 - 114)	4.7	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	96	(85 - 116)			SW846 8260B
	97	(85 - 116)	0.92	(0-30)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4D060200 **Work Order #...:** GDLRD1AC-MS **Matrix.....:** WG
MS Lot-Sample #: A4D060200-004 GDLRD1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloropropane	94	(87 - 114)			SW846 8260B
	94	(87 - 114)	0.12	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	78 a	(82 - 130)			SW846 8260B
	80 a	(82 - 130)	2.5	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	67 a	(73 - 147)			SW846 8260B
	70 a	(73 - 147)	4.0	(0-30)	SW846 8260B
Ethylbenzene	93	(86 - 132)			SW846 8260B
	95	(86 - 132)	2.2	(0-30)	SW846 8260B
2-Hexanone	55 a	(81 - 128)			SW846 8260B
	57 a	(81 - 128)	3.4	(0-30)	SW846 8260B
Methylene chloride	91	(82 - 115)			SW846 8260B
	92	(82 - 115)	0.31	(0-30)	SW846 8260B
4-Methyl-2-pentanone	71 a	(82 - 135)			SW846 8260B
	73 a	(82 - 135)	2.5	(0-30)	SW846 8260B
Styrene	89	(83 - 120)			SW846 8260B
	93	(83 - 120)	4.4	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	96	(88 - 116)			SW846 8260B
	98	(88 - 116)	1.4	(0-30)	SW846 8260B
Tetrachloroethene	97	(85 - 121)			SW846 8260B
	98	(85 - 121)	0.49	(0-30)	SW846 8260B
Toluene	**92**	**(70 - 119)**			**SW846 8260B**
	95	**(70 - 119)**	**3.5**	**(0-20)**	**SW846 8260B**
1,1,1-Trichloroethane	87	(71 - 162)			SW846 8260B
	85	(71 - 162)	1.7	(0-30)	SW846 8260B
1,1,2-Trichloroethane	92	(86 - 129)			SW846 8260B
	95	(86 - 129)	3.4	(0-30)	SW846 8260B
Trichloroethene	**99**	**(62 - 130)**			**SW846 8260B**
	99	**(62 - 130)**	**0.22**	**(0-20)**	**SW846 8260B**
Vinyl chloride	85 a	(88 - 126)			SW846 8260B
	82 a	(88 - 126)	3.5	(0-30)	SW846 8260B
Xylenes (total)	93	(89 - 121)			SW846 8260B
	94	(89 - 121)	2.0	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(73 - 122)
	102	(73 - 122)
1,2-Dichloroethane-d4	103	(61 - 128)
	100	(61 - 128)
Toluene-d8	95	(76 - 110)
	96	(76 - 110)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4D060200 **Work Order #...:** GDLRD1AC-MS **Matrix.....:** WG
MS Lot-Sample #: A4D060200-004 GDLRD1AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	84	(74 - 116)
	86	(74 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4D060200 **Work Order #...:** GDLRD1AC-MS **Matrix.....:** WG
MS Lot-Sample #: A4D060200-004 GDLRD1AD-MSD
Date Sampled...: 04/05/04 **Date Received..:** 04/06/04
Prep Date.....: 04/12/04 **Analysis Date..:** 04/12/04
Prep Batch #...: 4104220
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	ND	10	6.1	ug/L	61		SW846 8260B
	ND	10	6.2	ug/L	62	2.8	SW846 8260B
Benzene	ND	10	9.3	ug/L	93		SW846 8260B
	ND	10	9.5	ug/L	95	1.8	SW846 8260B
Bromodichloromethane	ND	10	9.6	ug/L	96		SW846 8260B
	ND	10	9.8	ug/L	98	1.3	SW846 8260B
Bromoform	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	9.3	ug/L	93	7.0	SW846 8260B
Bromomethane	ND	10	9.0	ug/L	90		SW846 8260B
	ND	10	9.4	ug/L	94	4.2	SW846 8260B
2-Butanone	ND	10	6.0	ug/L	60 a		SW846 8260B
	ND	10	6.1	ug/L	61 a	2.0	SW846 8260B
Carbon disulfide	ND	10	9.6	ug/L	96		SW846 8260B
	ND	10	9.3	ug/L	93	3.0	SW846 8260B
Carbon tetrachloride	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	8.9	ug/L	89	1.2	SW846 8260B
Chlorobenzene	**ND**	**10**	**9.4**	**ug/L**	**94**		**SW846 8260B**
	ND	**10**	**9.5**	**ug/L**	**95**	**1.8**	**SW846 8260B**
Chloroethane	ND	10	9.5	ug/L	95		SW846 8260B
	ND	10	9.6	ug/L	96	1.1	SW846 8260B
Chloroform	ND	10	9.7	ug/L	97		SW846 8260B
	ND	10	9.9	ug/L	99	1.9	SW846 8260B
Chloromethane	ND	10	6.9	ug/L	69		SW846 8260B
	ND	10	6.8	ug/L	68	1.5	SW846 8260B
Dibromochloromethane	ND	10	9.0	ug/L	90		SW846 8260B
	ND	10	9.0	ug/L	90	0.13	SW846 8260B
1,2-Dichloroethene (total)	ND	20	19	ug/L	96		SW846 8260B
	ND	20	19	ug/L	95	1.8	SW846 8260B
1,1-Dichloroethane	ND	10	9.5	ug/L	95		SW846 8260B
	ND	10	9.6	ug/L	96	0.60	SW846 8260B
1,2-Dichloroethane	ND	10	10	ug/L	100		SW846 8260B
	ND	10	9.8	ug/L	98	1.9	SW846 8260B
1,1-Dichloroethene	**ND**	**10**	**9.4**	**ug/L**	**94**		**SW846 8260B**
	ND	**10**	**9.5**	**ug/L**	**95**	**1.3**	**SW846 8260B**
cis-1,2-Dichloroethene	ND	10	9.6	ug/L	96		SW846 8260B
	ND	10	9.2	ug/L	92	4.7	SW846 8260B
trans-1,2-Dichloroethene	ND	10	9.6	ug/L	96		SW846 8260B
	ND	10	9.7	ug/L	97	0.92	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4D060200 **Work Order #...:** GDLRD1AC-MS **Matrix.....:** WG
MS Lot-Sample #: A4D060200-004 GDLRD1AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	84	(74 - 116)
	86	(74 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.