The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 1: RCRA Corrective Action Interim Documents

Date of Document	RCRA Corective Action Interim Documents
November 22, 2002	Current Conditions Report, Vernay Laboratories, Inc., Plant 2/3 Facility, Yellow Springs, Ohio
January 14, 2003	Fourth Quarter 2002 Progress Report, Vernay Laboratories, Inc., Plant 2/3 Facility, Yellow Springs, Ohio
January 22, 2003	DRAFT Quality Assurance Project Plan for the Vernay Laboratories, Inc. RCRA Corrective Action, Yellow Springs, Ohio
February 11, 2003	Quality Assurance Project Plan for the Vernay Laboratories, Inc. RCRA Corrective Action, Yellow Springs, Ohio
April 14, 2003	First Quarter 2003 Progress Report, Vernay Laboratories, Inc., Plant 2/3 Facility, Yellow Springs, Ohio
May 20, 2003	Soil Interim Measure Assessment Letter, Vernay Laboratories, Inc., Plant 2/3 Facility, Yellow Springs, Ohio
June 30, 2003	RCRA Corrective Action Technical Memorandum No. 1, Facility Investigation Sampling List, Vernay Laboratories, Inc., Yellow Springs, Ohio
July 14, 2003	Second Quarter 2003 Progress Report, Vernay Laboratories, Inc., Plant 2/3 Facility, Yellow Springs, Ohio
October 14, 2003	Third Quarter 2003 Progress Report, Vernay Laboratories, Inc., Plant 2/3 Facility, Yellow Springs, Ohio
December 12, 2003	RCRA Corrective Action Technical Memorandum No. 2, Historical Data Usage in the RCRA Corrective Action, Vernay Laboratories, Inc., Plant 2/3 Facility, Yellow Springs, Ohio
December 23, 2003	RCRA Corrective Action Technical Memorandum No. 3, Ground Water Monitoring, Vernay Laboratories, Inc., Plant 2/3 Facility, Yellow Springs, Ohio
January 14, 2004	Fourth Quarter 2003 Progress Report, Vernay Laboratories, Inc., Plant 2/3 Facility, Yellow Springs, Ohio
April 9, 2004	DRAFT Resource Conservation and Recovery Act CA725 Environmental Indicators Report, Vernay Laboratories, Inc., Plant 2/3 Facility, Yellow Springs, Ohio
April 14, 2004	RCRA Corrective Action Technical Memorandum No. 4, Soil Confirmation, Vernay Laboratories, Inc., Plant 2/3 Facility, Yellow Springs, Ohio
April 14, 2004	First Quarter 2004 Progress Report, Vernay Laboratories, Inc., Plant 2/3 Facility, Yellow Springs, Ohio
June 29, 2004	Water Well Survey and Sampling Report, Vernay Laboratories, Inc., Plant 2/3 Facility, Yellow Springs, Ohio
June 29, 2004	Ground Water Flow Modeling Report, Vernay Laboratories, Inc., Plant 2/3 Facility, Yellow Springs, Ohio
June 29, 2004	Phase I RCRA Facility Investigation Report, Vernay Laboratories, Inc., Plant 2/3 Facility, Yellow Springs, Ohio

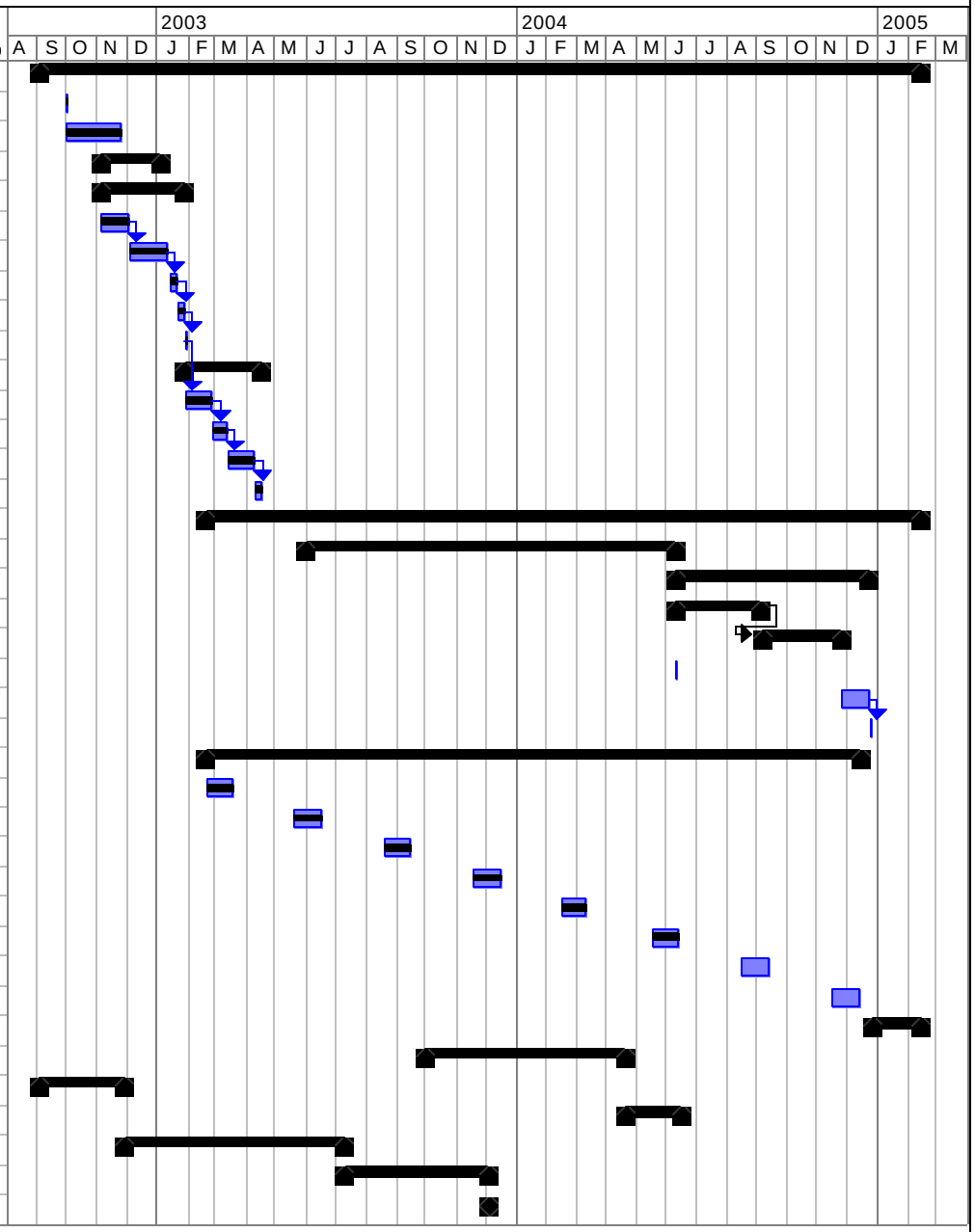
Note: RFI Field Task Statements of Work are presented on Table 4 of the RFI Phase I Report.

Vernay Laboratories, Inc.
Project No. 0292.11.31
June 29, 2004

RCRA CORRECTIVE ACTION PROJECT SCHEDULE

Table 2: Project Schedule

ID	Task Name	% Complete
1	**RCRA CORRECTIVE ACTION PROJECT SCHEDULE**	**63%**
2	**1.0 CONSENT ORDER EFFECTIVE**	100%
3	**2.0 CURRENT CONDITIONS REPORT**	100%
4	**3.0 EI RISK SCOPING**	**100%**
7	**4.0 Ground Water Capture Interim Measure**	**100%**
8	Capture Zone Analysis	100%
9	Design/Planning of Additional Capture Wells	100%
10	Install/Develop Capture Well(s)	100%
11	Connect New Capture Wells to Existing System	100%
12	Capture Well Start-Up	100%
13	**5.0 SOIL HOT SPOT INTERIM MEASURE ASSESSMENT**	**100%**
14	Feasibility/Effectiveness Analysis	100%
15	System Design, if needed	100%
16	System Installation, if needed	100%
17	System Start-up, if needed	100%
18	**6.0 RCRA FACILITY INVESTIGATION**	**77%**
19	**6.1 Phase I: N&E in Cedarville Aquifer/Storm Sewer Backfill**	**100%**
41	**6.2 Phase II RFI**	**0%**
42	**6.2.1 Additional Data Needs**	**0%**
47	**6.2.2 Fate and Transport Modeling**	**0%**
52	**6.2.3 Baseline Human Health and Ecological Risk Assessmen**	0%
53	**6.2.4 Phase II Facility Investigation Report**	0%
54	Submit Phase II RFI Report	0%
55	**6.3 Ground Water Monitoring**	**75%**
56	1st Quarter 2003	100%
57	2nd Quarter 2003	100%
58	3rd Quarter 2003	100%
59	4th Quarter 2003	100%
60	1st Quarter 2004	100%
61	2nd Quarter 2004	100%
62	3rd Quarter 2004	0%
63	4th Quarter 2004	0%
64	**6.5 Additional Soil Source Investigation**	**100%**
68	**6.6 EI Risk Data Needs**	**100%**
71	**7.0 EI REPORT FOR GROUND WATER**	**0%**
74	**8.0 EI REPORT FOR HUMAN HEALTH**	**98%**
77	**9.0 PROPOSE TO USEPA FINAL CORRECTIVE MEASURES**	**0%**
83	**10.0 USEPA SELECTS FINAL CORRECTIVE MEASURES**	**0%**
88	**11.0 IMPLEMENTATION OF FINAL CORRECTIVE MEASURES**	**0%**



The Payne Firm, Inc.

Vernay Laboratories, Inc.
Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 3: Project Data Quality Objectives

Step in the DQO Process	Systematic Planning Activities	Intended Purpose of Ohio EPA VAP Investigation Data Within the Planning Activities	Outputs to Support Planning Decisions
1. <u>State the Problem</u> **Note:** An important deliverable associated with this step is the preparation of a Current Conditions Report that includes Ohio VAP investigation sampling data, summary of historic operations at the Facility, physical setting of the Facility, review of the quality of Ohio VAP data, and conditions at all locations specified in the US EPA's PA/VSI for the Facility (USEPA, 2000).	· Identify USEPA technical team and Vernay's technical team. · Develop a conceptual model for the Facility. · Identify work performed to date, data collected, problems encountered, project schedule, and percent project completed on a frequent basis. · Communicate frequently with US EPA.	· Ohio VAP data will be used to develop a: 1) conceptual model of the Facility identifying the site geology and potential contaminant migration pathways; and 2) potential human exposure model for on and off of the Facility. The models will serve as the basis for RCRA corrective action scope of work inputs and decisions, especially with regards to Section VI. of the Consent Order (Work To Be Performed).	· Formal identification of project managers once the Consent Order is signed. · Preparation and presentation of a Facility conceptual site model in the Current Conditions Report. · Preparation of a human exposure model that is verbally discussed with US EPA risk assessor. · Preparation of Quarterly Progress Reports that includes an updated project schedule. · Notify the US EPA in writing at least 14 days before beginning each separate phase of field work. · Meet on at least a semi-annual basis to discuss scopes of work. · Establish a public repository.
2. <u>Identify the Decision</u> **Note:** Important deliverables for this step is a Historical Data Usage Technical Memorandum; a request to the US EPA for a review of past Ohio VAP investigation analytical data following US EPA guidance (US EPA, 1998); and a project specific QAPP.	· Determine if past Ohio VAP investigation analytical data is usable for RCRA corrective action decision making. · Identify the principal objectives of conducting the work presented in Section VI. of the Consent Order. · Conduct RCRA corrective action in an iterative process to optimize the decision making process. · Identify the specific scopes of work needed to meet the project objectives. · Identify project specific analytical objectives in terms of accuracy, precision, completeness, representativeness, and comparability; and identify data validation process.	· Use Ohio VAP investigation data presented in the CCR and the conceptual models presented in Step 1 to assist in determining principal objectives of specific RCRA corrective action scopes of work, and the data needed to satisfy those objectives.	· Preparation of a Historical Data Usage Technical Memorandum demonstrating why the Ohio VAP investigation analytical data does or does not satisfy the RCRA corrective action DQOs and whether the analytical data should be submitted to the US EPA for review. · A request to the US EPA to review Ohio VAP investigation analytical data to determine if it is acceptable for its intended uses in the RCRA corrective action. · Task-specific Statement of Works that are prepared prior to each iterative field investigation step and sent to the US EPA for review. If needed, a conference call will take place to discuss the scope of work. · Preparation of decision trees or flow diagrams as necessary to define key decisions and possible interim steps. · Preparation of a project specific QAPP following US EPA guidance (US EPA, 1998) and submittal to US EPA for review.

TABLE 1-1: Project Data Quality Objectives

Step in the DQO Process	Systematic Planning Activities	Intended Purpose of Ohio EPA VAP Investigation Data Within the Planning Activities	Outputs to Support Planning Decisions
3. <u>Identify the Inputs Into the Decision</u> **Note:** Important deliverables for this steps are a: Ground Water Technical Memorandum; Phase I RFI Report; Phase II RFI Report; EI Report for ground water; EI Report for human health; and Corrective Measures Proposal.	· Complete a capture zone analysis. · Complete an assessment of the potential effectiveness of in situ soil treatment beneath the Facility in areas of highest contamination. · Perform an investigation of the Facility to identify the nature and extent of any releases of hazardous waste and hazardous constituents at or from the Facility. · Determine appropriate risk screening criteria under current use scenarios. · Determine any current unacceptable risks to human health and the environment. · Conduct ground water monitoring to confirm that any contaminated ground water remains within the original area of contamination. · Implement any interim measure necessary to stabilize the migration of contaminated ground water. · Control any unacceptable current human exposures to within acceptable risk levels. · Evaluate a range of corrective measures and propose a final remedy that protects human health and the environment from all current and future unacceptable risks.	· Use Analytical Level III Ohio VAP investigation data to complete capture zone analysis (ground water data) and in situ treatment assessment (soil data). · Use Analytical Level III Ohio VAP investigation ground water, soil, surface water, sediment, and air data presented in the CCR to assist in identifying the data needs of the RCRA corrective action. · Use Analytical Level III Ohio VAP investigation ground water, soil, surface water, sediment, and air data to conduct risk screening. · Use Analytical Level III soil data and air monitoring data to determine the nature and extent of contamination, unacceptable risks, contaminant fate and transport modeling (e.g. soil leaching and vapor intrusion modeling), and evaluation of corrective measures. · Use Analytical Level III Ohio VAP investigation ground water data in: trend analyses conducted during the quarterly ground water monitoring program; sensitivity, calibration, and uncertainty analyses for contaminant fate and transport modeling; and, assessment of remedial technologies (e.g. natural attenuation and ground water capture) during the evaluation of corrective measures. · Use Analytical V geological property data to support the evaluation of soil contaminant leaching and vapor intrusion.	· Analytical Level III data will be generated, and it will reported by the project laboratory as a CLP-like report during the RCRA corrective action. · Confirmatory soil samples will be collected and reported at Analytical Level IV to confirm Ohio VAP investigation Analytical Level III soil data results, the nature and extent of soil contamination presented in the CCR, and the PA/VSI. At least 10% of the Ohio VAP investigation soil data will be confirmed. · Additional soil samples, surface water, and sediments samples will be collected and analyzed at Analytical Level III to complete the nature and extent of contamination and determination of unacceptable risks. · CLP-like data packages for Ohio VAP investigation analytical data can be obtained from the project laboratory if it is needed to support the DQOs of the RCRA corrective action. · Vernay will perform the Facility Investigation and prepare and submit the RFI Report in two phases to enhance decision-making process, and optimize the overall RCRA corrective action. · An iterative ground water well installation program will be conducted during the RFI to ensure the optimum placement of monitoring wells, and to enhance the decision-making process. · An Environmental Indicator Report for ground water will be submitted that demonstrates that ground water contamination is stabilized. · An Environmental Indicator Report for human health will be submitted demonstrating that all current exposures are under control. · A Ground Water Technical Memorandum will be completed during Phase I of the RFI to present critical hydrogeologic data and to confirm that the RCRA corrective action ground water EI determination is proceeding as scheduled, and that existing interim measures are performing as intended. · Analysis using US EPA SW-846 standard methods, and practical quantitation limits (PQLs) that will permit the project objectives to be met. A table will be presented in the QAPP presenting project-specific PQLs. · Analysis of soil samples for geological properties will be analyzed at Analytical Level V. · Quarterly ground water monitoring will be conducted to reduce uncertainty in the evaluation of mobility and stabilization of COCs. · All sampling and analysis will be conduced following the project QAPP, US EPA guidance (US EPA, 1998), task-specific SOWs, and the Consent Order. · Any risk assessments will estimate human health and ecological risk under reasonable maximum exposure for both current and reasonably expected future land use scenarios. US EPA guidance will be followed (US EPA, 1989) in conducting risk assessments. · Screening values derived from Federal MCLs, US EPA Region IX PRGs, US EPA Region V ESLs, US EPA Regions V RBSLs, and RAGs will be used. · If an interim measure is implemented to meet the EIs, a report will be prepared summarizing the construction and implementation. · A Final Corrective Measures Proposal will be prepared that proposes the corrective measures necessary to protect human health and the environment from all current and future unacceptable risks.

TABLE 1-1: Project Data Quality Objectives

Step in the DQO Process	Systematic Planning Activities	Intended Purpose of Ohio EPA Investigation VAP Data Within the Planning Activities	Outputs to Support Planning Decisions
4. <u>Define the Boundaries of the RCRA Corrective Action</u> **Note:** An important deliverable for this step is a RCRA Facility Investigation Sampling List Technical Memorandum.	· Define the exposure area and exposure points, receptor population, exposure route, exposure medium for current and potential future receptors on and off of the Facility. · Determine a representative RFI sampling list of constituents. · Determine the area of ground water contamination on and off of the Facility. · Determine the area of soil contamination on the Facility. · Define a water well and substructure (e.g. basements, sumps, cisterns) survey area for the Human Health EI and to assess unacceptable risks. · Determine the area of surface water and sediment contamination in the unnamed creek. · Determine areas of ground water and soil contamination requiring remedial action. · Determine upgradient concentrations of COCs in ground water. · Determine background concentrations of COC metals in soil.	· Use Analytical Level III Ohio VAP investigation analytical data presented in the CCR to develop an initial conceptual site model for human health and the environment. · Use Analytical Level III Ohio VAP investigation soil analytical data to establish the area of soil contamination on the Facility, and present the results in the CCR. · Use Analytical Level III Ohio VAP investigation soil data to determine what additional soil analytical data is needed. · Use Analytical Level III Ohio VAP investigation soil and ground water data to assist in determining the chemical groups that do not need to be included as part of the RFI sampling list. · Use Analytical Level III Ohio VAP investigation analytical data to assist in determining the specific chemicals to be included for each chemical group on the RFI sampling list.	· Analytical Level III ground water, surface water, and sediment data will be used to refine the human health and environment conceptual site model as information is obtained during the RCRA corrective action. · Analytical Level III soil data will be collected to finalize the area of contamination, and to confirm Ohio VAP analytical results. · A water well and substructure survey will be conducted at properties within the well survey area. · A decision tree matrix will be developed to assist the US EPA and Vernay with issues regarding well or substructure abandonment to eliminate current unacceptable risks to human health. · The determination of the RFI sampling list will consist of a logical process that will include, at a minimum, the following: comparison of the availability of toxicity data between the US EPA Appendix IX list and the US EPA TCL/TAL list; the frequency of detections of Analytical Level III data collected during the Ohio VAP investigation; historical chemical usage at the Facility based on information presented in the CCR and the PA/VSI; interviews with Vernay chemists and engineers; and, US EPA data for releases associated with the rubber manufacturing industry (US EPA, 1995). · A Technical Memorandum will be prepared summarizing the development of the RFI sampling list and submitted to the US EPA for review. · An ecological risk screening process following US EPA guidance (US EPA, 1989) will be completed to refine the initial conceptual site model, and define data needs for surface water and sediment sampling. · A risk assessment will be completed following US EPA guidance (US EPA, 1989) to define the unacceptable risks to human health and the environment and cleanup values for on and off of the Facility. · An evaluation of corrective measures that will remediate areas of soil and ground water contamination will be completed. · Samples from upgradient ground water monitoring wells will be collected and analyzed at Analytical Level III to determine concentrations of any COCs migrating on to the facility. · Background soil samples from an unaffected area off of the Facility will be collected and analyzed for COC metals at Analytical Level III.

TABLE 1-1: Project Data Quality Objectives

Step in the DQO Process	Systematic Planning Activities	Intended Purpose of Ohio EPA VAP Investigation Data Within the Planning Activities	Outputs to Support Planning Decisions
5. **Develop Decision Rules, Specify Tolerable Limits on Decision Errors, and Optimize Design for Obtaining Data**	· Specify the population parameter (e.g. median, median, total amount, etc.) that is important to make decisions about data needs and to determine unacceptable risks to human health and the environment. · Determine any sources of error during field sample collection, field instrument screening, contaminant fate and transport modeling, and the laboratory analysis of samples. · Specify routine procedures used to assess data precision, accuracy, and completeness during laboratory analysis of samples. · Develop a corrective action system that corrects field, modeling, and analytical errors. · Develop and design data collection objectives and procedures.		· Compare PQLs used during the Ohio VAP project PQLs used of the RCRA corrective action to determine if there is any significant variability. · Compare ground water, surface water, sediment, and soil analytical data collected during the Ohio VAP investigation with data collected during the RCRA corrective action to determine if there is any significant variability. · Prepare a RCRA Corrective Action Quality Assurance Plan following US EPA guidance (US EPA, 1998) that defines the organization, objectives, QA/QC activities, decision errors, and corrective steps with the RCRA corrective action process. · Prepare task-specific statement of works during the RCRA corrective action that defines objectives, sampling procedures, and QA/QC requirements. · Calibrate field instruments prior to any use following standard operating procedures. · Complete an independent validation of analytical reports and data following procedures outlined in the QAPP. · Prepare a baseline risk assessment following US EPA guidance (US EPA, 1989) to evaluate the uncertainty of the exposure assessment. · Use US EPA accepted modeling software when completing contaminant fate and transport modeling for the risk assessment or evaluation of corrective measures. Use Analytical Level III data to develop models.

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Plant 2/3 Facility
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TABLE 4: Summary of RFI Statement of Work Tasks

SOW No.	RFI Tasks and Specific Statements of Work	Date	Data Objectives and Data Needs	Data Outputs
1	Additional Capture Well Installation (CW01-02)	January 6, 2003	• following the completion of a capture zone analysis, install additional Cedarville Aquifer extraction well(s) at the Vernay Plant 2/3 Facility to prevent the migration of contaminated ground water in the Cedarville Aquifer off the Facility, as described in Section VI. 11 of the Order.	• Capture zone analysis indicated one additional Cedarville Aqifer Extraction Well was necessary. • One Cedarville Aqifer Extraction Well (CW01-02) was installed and operated by February 1, 2003.
2	First Quarter 2003 Monitoring Event	January 23, 2003	• quarterly monitoring as required by Section VI.13. of the Order to determine the nature and extent of contamination in the Cedarville Aquifer and sewer backfill.	• Quarterly Progress Report provided a Level IV Analytical Data package for 27 monitoring wells sampled for a combination of VOCs, SVOCs, and Metals (Cu, Cr-total, Zn).
3	Second Quarter 2003 Monitoring Event	May 5, 2003	• quarterly monitoring as required by Section VI.13. of the Order to determine the nature and extent of contamination in the Cedarville Aquifer and sewer backfill.	• Quarterly Progress Report provided a Level IV Analytical Data package for 12 monitoring wells sampled for a combination of VOCs and SVOCs.
4b	Additional Monitoring Wells in the Cedarville Aquifer and Sewer Backfill / Third Quarter 2003 Monitoring Event	August 27, 2003	• installation of monitoring wells off the Facility into the Cedarville Aquifer and storm sewer backfill by September 30, 2003 as described in Section VI.13. of the Order. • quarterly monitoring as required by Section VI.13. of the Order to determine the nature and extent of contamination in the Cedarville Aquifer and sewer backfill.	• Quarterly Progress Report provided a Level IV Analytical Data package for 32 Direct-Push water samples from the upper Cedarville Aquifer and sewer backfill analyzed for VOCs and 36 monitoring wells sampled for VOCs. • Eight additional Cedarville Aquifer monitoring wells and one additional storm sewer well were installed following a Direct-Push water sampling event.
5	Fourth Quarter 2003 Monitoring Event	October 23, 2003	• quarterly monitoring as required by Section VI.13. of the Order to determine the nature and extent of contamination in the Cedarville Aquifer and sewer backfill.	• Quarterly Progress Report provided a Level IV Analytical Data package for 36 monitoring wells sampled for VOCs.
6	Additional Direct-Push Sampling in the Cedarville Aquifer and Unconsolidated Unit on and off the Vernay Plant 2/3 Facility	November 4, 2003	• installation of Direct-Push borings into (A) the upper Cedarville Aquifer off of the Facility, (B) the soil adjacent to the storm and sanitary sewer backfill along Dayton Street and (C) the soil beneath the Facility.	• Quarterly Progress Report provided a Level IV Analytical Data package for 42 Direct-Push borings completed in the uppfer Cedarville Aquifer and soil analyzed for a combination of VOCs, SVOCs, and Metals (As, Cu, Zn).
7	Additional Direct-Push Sampling in the Cedarville Aquifer and Unconsolidated Unit on and off the Vernay Plant 2/3 Facility	January 16, 2004	• installation of Direct-Push borings into the soil beneath the Facility as part of the Phase I Facility Investigation.	• Quarterly Progress Report provided a Level IV Analytical Data package for 60 Direct-Push borings completed in soil analyzed for a combination of VOCs, SVOCs, PAHs and Metals (As, Cu, Zn).
8b	Additional Monitoring Wells in the Cedarville Aquifer	February 24, 2004	• installation of Direct-Push borings into the upper Cedarville Aquifer off of the Facility as part of the Phase I Facility Investigation. • installation of monitoring wells on and off the Facility into the Cedarville Aquifer as part of the Phase I Facility Investigation.	• A Level IV Analytical Data package was generated for a total of 12 Direct-Push water samples completed in the upper Cedarville Aquifer analyzed for VOCs. • 17 additional Cedarville Aquifer monitoring wells were installed following a Direct-Push water sampling event.
9a	First Quarter 2004 Monitoring Event	February 24, 2004	• quarterly monitoring as required by Section VI.13. of the Order to determine the nature and extent of contamination in ground water.	• A Level IV Analytical Data package was generated for a total of 53 monitoring wells, two surface water samples, and eight indoor air samples analyzed for VOCs.
10a	Water Well Sampling and Well Closure	April 2, 2004	• sampling of water wells currently used within a defined survey area and the abandonment of a water well(s).	• A Level IV Analytical Data package was generated for a total of 10 water wells sampled for VOCs.
12	Second Quarter 2004 Monitoring Event	April 6, 2004	• quarterly monitoring as required by Section VI.13. of the Order to determine the nature and extent of contamination in ground water.	• A Level IV Analytical Data package was generated for a total of 53 monitoring wells sampled for VOCs.

** SOW No. 11 does not exist

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TABLE 5: Survey Information

Location ID	Location	Survey Point	Drilling Firm	Drilling Method	Start Date	Completion Date	Easting (X)	Northing (Y)	Surface Grade (feet msl)	Flush Grade (feet msl)	Measuring Point (feet msl)	Total Depth (feet bgs)
AIR-0101	Vernay Plant 3 - Hydraulic Pit	Indoor Air			5/21/1999	5/21/1999	1573708.02	659553.45				
AIR-0102	Vernay Plant 3 - Hydraulic Pit	Indoor Air			5/21/1999	5/21/1999	1573707.23	659546.39				
AIR-0103	Vernay Plant **2/3** Facility - Utility tunnel	Indoor Air			5/21/1999	5/21/1999	1573590.30	659538.54				
AIR-0104	Vernay Plant **2/3** Facility - Utility tunnel	Indoor Air			5/21/1999	5/21/1999	1573732.35	659479.29				
AIR-0105	Vernay Plant 2 - Hydraulic Pit	Indoor Air			5/21/1999	5/21/1999	1573492.98	659543.64				
AIR-0106	Vernay Plant 2 - Hydraulic Pit	Indoor Air			5/21/1999	5/21/1999	1573496.91	659543.65				
AIR-0107	Vernay Plant 3 - Utility Tunnel	Indoor Air			10/4/2002	10/4/2002	1573706.53	659500.26	1028.90		1022.90	10.00
AIR-0108	Vernay Plant 3 - Utility Tunnel	Indoor Air			10/4/2002	10/4/2002	1573706.53	659500.26	1028.90		1019.90	10.00
AIR-0109	Vernay Plant 3 - Hydraulic Pit	Indoor Air			10/4/2002	10/4/2002	1573718.37	659547.50	1028.87		1024.37	5.50
AIR-0110	Vernay Plant 3 - Hydraulic Pit	Indoor Air			10/4/2002	10/4/2002	1573718.37	659547.50	1028.87		1027.37	5.50
AIR-0111	Vernay Plant 2 - Utility Tunnel	Indoor Air			10/4/2002	10/4/2002	1573588.37	659533.47	1027.63		1018.63	10.00
AIR-0112	Vernay Plant 2 - Utility Tunnel	Indoor Air			10/4/2002	10/4/2002	1573588.37	659533.47	1027.63		1021.63	10.00
AIR-0113	Vernay Plant 2 - Hydraulic Pit	Indoor Air			10/4/2002	10/4/2002	1573504.73	659543.29	1027.66		1024.66	4.00
AIR-0114	Vernay Plant 2 - Hydraulic Pit	Indoor Air			10/4/2002	10/4/2002	1573504.73	659543.29	1027.66		1027.66	4.00
B01-01	Vernay Plant 2/3 Facility	Geologic Boring	BM	HSA	9/1/1998	9/1/1998	1573568.93	659644.78	1026.22		1026.22	18.00
B01-02	Vernay Plant 2/3 Facility	Geologic Boring	BM	HSA	9/1/1998	9/1/1998	1573904.03	659265.01	1027.39		1027.39	19.20
B01-03	Vernay Plant 2/3 Facility	Geologic Boring	BM	HSA	9/1/1998	9/1/1998	1573824.99	659240.61	1026.30		1026.30	16.00
B01-04	Vernay Plant 2/3 Facility	Geologic Boring	BM	HSA	9/1/1998	9/1/1998	1573914.85	659459.29	1024.66		1024.66	17.00
B01-05	Vernay Plant 2/3 Facility	Geologic Boring	BM	HSA	9/2/1998	9/2/1998	1573719.56	659244.98	1025.97		1025.97	16.00
B01-06	Vernay Plant 2/3 Facility	Geologic Boring	BM	HSA	9/2/1998	9/2/1998	1573533.22	659255.62	1025.46		1025.46	12.50
B01-07	Vernay Plant 2/3 Facility	Geologic Boring	BM	HSA	9/2/1998	9/2/1998	1573472.60	659499.47	1026.66		1026.66	16.00
B01-08	Vernay Plant 2/3 Facility	Geologic Boring	BM	HSA	9/3/1998	9/3/1998	1573183.97	659497.26	1031.24		1031.24	19.50
B01-09	Vernay Plant 2/3 Facility	Geologic Boring	BM	HSA	9/3/1998	9/3/1998	1573388.82	659751.51	1026.34		1026.34	16.00
B01-10	Vernay Plant 2/3 Facility	Geologic Boring	BM	HSA	9/3/1998	9/3/1998	1573566.06	659817.03	1025.03		1025.03	17.00
BSB01-01	Vernay Plant 2/3 Facility	Cedarville Aquifer Temporary Borehole	BM	HSA/AR	10/26/1998	10/29/1998	1573199.38	659663.78	1029.37	1029.37	1028.88	30.00
CW01-01	Vernay Plant 2/3 Facility	Cedarville Aquifer Extraction Well	BM	RS	10/6/1999	10/8/1999	1573909.28	659427.70	1025.82	1027.71	1025.13	58.00
CW01-02	Vernay Plant 2/3 Facility	Cedarville Aquifer Extraction Well	BM	AR	1/6/2003	1/13/2003	1573937.31	659862.08	1022.66	1022.78	1022.29	104.00
GP01-001	Vernay Plant 2/3 Facility	Geologic Boring	AST	DP	9/19/1998	9/19/1998	1573607.64	659249.77	1024.87		1024.87	14.00
GP01-002	Vernay Plant 2/3 Facility	Geologic Boring	AST	DP	9/19/1998	9/19/1998	1573616.51	659357.79	1024.89		1024.89	14.50
GP01-003	Vernay Plant 2/3 Facility	Geologic Boring	AST	DP	9/19/1998	9/19/1998	1573622.60	659435.62	1025.49		1025.49	15.10
GP01-004	Vernay Plant 2/3 Facility	Geologic Boring	AST	DP	9/19/1998	9/19/1998	1573628.98	659547.76	1025.96		1025.96	15.50
GP01-005	Vernay Plant 2/3 Facility	Geologic Boring	AST	DP	9/19/1998	9/19/1998	1573635.88	659614.23	1025.60		1025.60	16.70
GP01-006	Vernay Plant 2/3 Facility	Geologic Boring	AST	DP	9/19/1998	9/19/1998	1573643.97	659725.92	1025.56		1025.56	16.80
GP01-007	Vernay Plant 2/3 Facility	Geologic Boring	AST	DP	9/19/1998	9/19/1998	1573543.60	659571.12	1025.84		1025.84	16.00
GP01-008	Vernay Plant 2/3 Facility	Geologic Boring	AST	DP	9/19/1998	9/19/1998	1573367.35	659493.40	1027.12		1027.12	15.30
GP01-009	Vernay Plant 2/3 Facility	Geologic Boring	AST	DP	9/20/1998	9/20/1998	1573904.54	659375.51	1025.99		1025.99	16.00
GP01-010	Vernay Plant 2/3 Facility	Geologic Boring	AST	DP	9/20/1998	9/20/1998	1573532.38	659334.99	1025.32		1025.32	13.20
GP01-011	Vernay Plant 2/3 Facility	Geologic Boring	AST	DP	9/20/1998	9/20/1998	1573535.01	659406.67	1026.03		1026.03	13.90
GP01-012	Vernay Plant 2/3 Facility	Geologic Boring	AST	DP	9/20/1998	9/20/1998	1573470.11	659426.86	1026.28		1026.28	13.90
GP01-013	Vernay Plant 2/3 Facility	Geologic Boring	AST	DP	9/20/1998	9/20/1998	1573462.26	659656.86	1025.70		1025.70	13.60
GP01-014	Vernay Plant 2/3 Facility	Geologic Boring	AST	DP	9/20/1998	9/20/1998	1573921.59	659759.02	1023.19		1023.19	14.70
GP01-015	Vernay Plant 2/3 Facility	Geologic Boring	AST	DP	9/20/1998	9/20/1998	1573193.96	659270.30	1027.73		1027.73	12.60
GP01-016	Vernay Plant 2/3 Facility	Geologic Boring	AST	DP	9/20/1998	9/20/1998	1573927.31	659642.76	1024.34		1024.34	20.50
GP01-017	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	12/14/1998	12/14/1998	1573653.49	659553.72	1025.74		1025.74	17.50
GP01-017 CONF	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	1/29/2004	1/29/2004	1573653.49	659553.72	1025.74		1025.74	18.00
GP01-018	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	12/14/1998	12/14/1998	1573649.01	659501.64	1025.46		1025.46	17.20
GP01-019	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	12/14/1998	12/14/1998	1573646.52	659462.24	1025.39		1025.39	16.30
GP01-019 CONF	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	1/29/2004	1/29/2004	1573646.52	659462.24	1025.39		1025.39	16.00
GP01-020	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	12/14/1998	12/14/1998	1573644.22	659412.22	1025.16		1025.16	16.50
GP01-020 CONF	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	2/2/2004	2/2/2004	1573644.22	659412.22	1025.16		1025.16	15.00
GP01-021	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	12/15/1998	12/15/1998	1573630.21	659367.14	1024.90		1024.90	16.00
GP01-022	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	12/15/1998	12/15/1998	1573628.29	659324.29	1024.66		1024.66	14.50
GP01-023	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	12/15/1998	12/15/1998	1573640.51	659280.82	1024.19		1024.19	14.80
GP01-024	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	12/15/1998	12/15/1998	1573543.80	659403.98	1025.82		1025.82	14.50
GP01-025	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	12/16/1998	12/16/1998	1573492.38	659461.30	1026.74		1026.74	15.20
GP01-026	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	12/16/1998	12/16/1998	1573493.05	659517.25	1026.75		1026.75	15.00
GP01-027	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	12/16/1998	12/16/1998	1573558.22	659550.17	1026.68		1026.68	17.20
GP01-028	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	12/16/1998	12/16/1998	1573491.67	659252.96	1026.33		1026.33	13.10
GP01-029	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	12/16/1998	12/16/1998	1573580.69	659250.32	1025.04		1025.04	14.50
GP01-030	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	12/16/1998	12/16/1998	1573651.92	659239.76	1025.36		1025.36	15.21

The Payne Firm, Inc.

TABLE 5: Survey Information

Location ID	Location	Survey Point	Drilling Firm	Drilling Method	Start Date	Completion Date	Easting (X)	Northing (Y)	Surface Grade (feet msl)	Flush Grade (feet msl)	Measuring Point (feet msl)	Total Depth (feet bgs)
GP01-030 CONF	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	2/2/2004	2/2/2004	1573651.92	659239.76	1025.36		1025.36	8.00
GP01-031	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	12/17/1998	12/17/1998	1573721.04	659233.07	1025.88		1025.88	14.40
GP01-032	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	12/17/1998	12/17/1998	1573810.82	659232.01	1025.74		1025.74	15.50
GP01-033	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	12/17/1998	12/17/1998	1573897.95	659297.34	1026.80		1026.80	17.90
GP01-034	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	12/18/1998	12/18/1998	1573904.59	659362.50	1026.06		1026.06	16.50
GP01-035	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	12/18/1998	12/18/1998	1573908.37	659443.06	1025.87		1025.87	17.20
GP01-036	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	12/18/1998	12/18/1998	1573932.07	659536.33	1024.28		1024.28	21.00
GP01-037	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	12/18/1998	12/18/1998	1573937.94	659612.41	1023.54		1023.54	20.40
GP01-038	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	12/18/1998	12/18/1998	1573949.61	659778.61	1022.87		1022.87	20.20
GP01-039	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	12/17/1998	12/17/1998	1573514.59	659402.29	1026.25		1026.25	14.20
GP01-040	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	12/17/1998	12/17/1998	1573607.57	659451.57	1025.70		1025.70	16.30
GP01-041	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/14/1999	4/14/1999	1573093.49	659617.27	1030.40		1030.40	8.00
GP01-042	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/14/1999	4/14/1999	1573174.05	659653.54	1029.40		1029.40	8.00
GP01-043	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/14/1999	4/14/1999	1573265.23	659679.42	1028.40		1028.40	8.00
GP01-044	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/14/1999	4/14/1999	1573129.84	659484.92	1031.70		1031.70	8.00
GP01-045	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/14/1999	4/14/1999	1573237.82	659488.72	1031.40		1031.40	8.00
GP01-046	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/14/1999	4/14/1999	1573126.49	659396.94	1031.30		1031.30	8.00
GP01-047	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/14/1999	4/14/1999	1573224.18	659369.74	1030.30		1030.30	8.00
GP01-048	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/12/1999	4/12/1999	1573620.02	659770.91	1025.80		1025.80	19.00
GP01-049	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/12/1999	4/12/1999	1573635.71	659676.73	1025.60		1025.60	17.50
GP01-050	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/12/1999	4/12/1999	1573659.93	659570.61	1025.80		1025.80	18.00
GP01-050 CONF	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	2/2/2004	2/2/2004	1573659.93	659570.61	1025.80		1025.80	19.00
GP01-051	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/12/1999	4/12/1999	1573608.71	659541.25	1026.00		1026.00	16.90
GP01-052	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/13/1999	4/13/1999	1573610.62	659468.34	1025.72		1025.72	16.60
GP01-052 CONF	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	2/2/2004	2/2/2004	1573610.62	659468.34	1025.72		1025.72	16.50
GP01-053	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/13/1999	4/13/1999	1573541.20	659448.74	1026.86		1026.86	15.50
GP01-054	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/13/1999	4/13/1999	1573496.99	659328.38	1025.90		1025.90	13.10
GP01-055	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/13/1999	4/13/1999	1573661.36	659277.77	1025.10		1025.10	14.50
GP01-055 CONF	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	2/2/2004	2/2/2004	1573661.36	659277.77	1025.10		1025.10	16.00
GP01-056	Vernay Plant 2/3 Facility	Geologic Boring	AST	DP	4/15/1999	4/15/1999	1573879.43	659325.32	1026.80		1026.80	14.70
GP01-056A	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/16/1999	4/16/1999	1573879.43	659325.32	1026.80		1026.80	19.60
GP01-057	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/15/1999	4/15/1999	1573879.81	659335.15	1026.70		1026.70	19.60
GP01-058	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/16/1999	4/16/1999	1573880.83	659347.23	1026.60		1026.60	18.20
GP01-059	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/14/1999	4/14/1999	1573917.96	659385.10	1025.70		1025.70	17.60
GP01-059 CONF	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	2/3/2004	2/3/2004	1573917.96	659385.10	1025.70		1025.70	18.00
GP01-060	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/14/1999	4/14/1999	1573913.03	659452.03	1025.10		1025.10	8.00
GP01-061	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/14/1999	4/14/1999	1573913.99	659462.09	1025.00		1025.00	8.00
GP01-062	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/14/1999	4/14/1999	1573914.55	659470.16	1025.30		1025.30	8.00
GP01-063	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/14/1999	4/14/1999	1573930.40	659519.48	1024.50		1024.50	12.70
GP01-064	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/25/1999	4/25/1999	1573861.20	659545.18	1028.90		1028.90	23.40
GP01-064 CONF	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	1/27/2004	1/27/2004	1573861.20	659545.18	1028.90		1028.90	8.00
GP01-065	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/25/1999	4/25/1999	1573856.30	659530.11	1028.90		1028.90	22.70
GP01-066	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/25/1999	4/25/1999	1573859.30	659538.10	1028.90		1028.90	6.20
GP01-067	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/24/1999	4/24/1999	1573780.70	659464.75	1028.90		1028.90	22.50
GP01-068	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/23/1999	4/23/1999	1573719.10	659557.79	1028.90		1028.90	23.00
GP01-068 CONF	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	1/27/2004	1/27/2004	1573719.10	659557.79	1028.90		1028.90	24.00
GP01-069	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/24/1999	4/24/1999	1573693.30	659458.41	1028.90		1028.90	3.00
GP01-070	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/24/1999	4/24/1999	1573694.00	659445.94	1028.90		1028.90	22.80
GP01-071	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/24/1999	4/24/1999	1573694.00	659432.16	1028.90		1028.90	20.00
GP01-072	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/24/1999	4/24/1999	1573672.10	659424.85	1028.90		1028.90	18.00
GP01-073	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/24/1999	4/24/1999	1573662.30	659325.42	1028.90		1028.90	20.20
GP01-074	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/24/1999	4/24/1999	1573790.20	659353.18	1028.90		1028.90	21.40
GP01-076	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/15/1999	4/15/1999	1573930.32	659261.81	1028.20		1028.20	8.00
GP01-077	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/15/1999	4/15/1999	1573934.23	659258.77	1028.20		1028.20	8.00
GP01-078	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/15/1999	4/15/1999	1573937.12	659261.93	1028.20		1028.20	8.00
GP01-079	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/13/1999	4/13/1999	1573616.05	659587.88	1025.93		1025.93	15.70
GP01-080	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	4/13/1999	4/13/1999	1573605.71	659408.09	1025.10		1025.10	14.40
GP01-080 CONF	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	1/29/2004	1/29/2004	1573605.71	659408.09	1025.10		1025.10	10.00
GP01-081	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	2/21/2000	2/21/2000	1573872.30	659307.71	1025.10		1025.10	16.50
GP01-082	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	2/21/2000	2/21/2000	1573868.47	659325.59	1026.84		1025.10	20.50
GP01-083	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	2/21/2000	2/21/2000	1573907.04	659310.52	1026.42		1026.42	19.50
GP01-084	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	2/21/2000	2/21/2000	1573878.79	659364.68	1026.60		1026.60	17.00
GP01-085	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	2/21/2000	2/21/2000	1573580.74	659567.04	1026.60		1026.60	3.00
GP01-086	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	2/21/2000	2/21/2000	1573579.39	659566.59	1026.60		1026.60	3.00
GP01-087	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	5/19/2000	5/19/2000	1573434.93	659690.68	1025.68		1025.68	16.50
GP01-088	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	5/19/2000	5/19/2000	1573492.33	659704.87	1025.77		1025.77	16.50
GP01-089	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	5/19/2000	5/19/2000	1573479.23	659666.51	1025.82		1025.82	15.50
GP01-090	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	5/19/2000	5/19/2000	1573846.88	659275.18	1026.94		1026.94	16.50
GP01-091	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	5/19/2000	5/19/2000	1573805.21	659280.25	1026.90		1026.90	17.00
GP01-092	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	5/19/2000	5/19/2000	1573765.12	659258.70	1026.35		1026.35	16.00
GP01-093	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	5/19/2000	5/19/2000	1573587.09	659277.15	1025.05		1025.05	14.00
GP01-094	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	5/20/2000	5/20/2000	1573698.40	659303.65	1028.90		1028.90	20.60
GP01-095	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	5/20/2000	5/20/2000	1573676.90	659365.30	1028.90		1028.90	18.50
GP01-096	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	5/21/2000	5/21/2000	1573758.00	659416.95	1028.90		1028.90	21.80
GP01-097	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	5/21/2000	5/21/2000	1573690.40	659519.23	1028.90		1028.90	21.50
GP01-098	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	5/21/2000	5/21/2000	1573784.70	659512.22	1028.90		1028.90	25.30
GP01-099	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	5/21/2000	5/21/2000	1573694.90	659563.31	1028.90		1028.90	21.60
GP01-100	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	5/20/2000	5/20/2000	1573698.50	659602.11	1028.90		1028.90	17.00
GP01-101	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	5/20/2000	5/20/2000	1573855.00	659483.22	1028.90		1028.90	18.00
GP01-102	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	5/20/2000	5/20/2000	1573862.30	659497.90	1028.90		1028.90	18.50
GP01-103	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	5/20/2000	5/20/2000	1573886.80	659503.46	1028.90		1028.90	18.00
GP01-104	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	5/21/2000	5/21/2000	1573582.60	659532.55	1028.90		1028.90	18.40
GP01-105	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	5/22/2000	5/22/2000	1573670.78	659632.92	1026.29		1026.29	17.50

The Payne Firm, Inc.

TABLE 5: Survey Information

Location ID	Location	Survey Point	Drilling Firm	Drilling Method	Start Date	Completion Date	Easting (X)	Northing (Y)	Surface Grade (feet msl)	Flush Grade (feet msl)	Measuring Point (feet msl)	Total Depth (feet bgs)
GP01-106	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	5/22/2000	5/22/2000	1573670.00	659727.00	1027.42		1027.42	14.00
GP01-107	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	5/22/2000	5/22/2000	1573807.30	659835.05	1024.55		1024.55	16.50
GP01-108	Vernay Plant 2/3 Facility	Geoprobe	AST	DP	5/22/2000	5/22/2000	1573932.83	659926.62	1023.11		1023.11	14.20
GP01-109	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	8/5/2003	8/5/2003	1573912.39	659389.24	1025.50		1025.50	10.00
GP01-110	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	8/5/2003	8/5/2003	1573927.00	659514.74	1024.60		1024.60	10.00
GP01-111	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	11/12/2003	11/12/2003	1573942.91	659939.99	1023.50		1023.50	20.00
GP01-112	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	11/12/2003	11/13/2003	1573266.92	659717.15	1027.70		1027.70	17.00
GP01-113	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	11/13/2003	11/14/2003	1573286.64	659686.74	1028.30		1028.30	18.00
GP01-114	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	11/13/2003	11/13/2003	1573319.24	659683.63	1027.70		1027.70	17.00
GP01-115	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	11/14/2003	11/14/2003	1573534.60	659449.43	1027.60		1027.60	16.50
GP01-116	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	11/13/2003	11/14/2003	1573616.69	659491.07	1025.90		1025.90	16.00
GP01-117	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	11/13/2003	11/14/2003	1573698.61	659269.71	1025.90		1025.90	15.00
GP01-118	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	11/14/2003	11/14/2003	1573196.39	659367.71	1030.60		1030.60	16.00
GP01-119	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	11/14/2003	11/14/2003	1573188.37	659497.93	1031.50		1031.50	20.00
GP01-120	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	11/14/2003	11/14/2003	1573181.34	659626.59	1030.00		1030.00	19.00
GP01-121	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	11/14/2003	11/14/2003	1573866.78	659405.55	1028.60		1028.60	20.00
GP01-122	Vernay Plant 2/3 Facility	Geoprobe	DPA	DP	11/21/2003	11/21/2003	1573873.52	659498.81	1028.80		1028.80	21.50
GP01-123	Vernay Plant 2/3 Facility	Geoprobe	DPA	DP	11/21/2003	11/21/2003	1573708.55	659467.75	1028.90		1028.90	23.00
GP01-124	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	2/4/2004	2/4/2004	1573854.64	659898.92	1023.71		1023.71	20.00
GP01-125	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	2/4/2004	2/4/2004	1573799.81	659854.91	1024.00		1024.00	20.00
GP01-126	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	1/21/2004	1/21/2004	1573821.32	659814.35	1025.44		1025.44	22.50
GP01-127	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	2/3/2004	2/3/2004	1573656.57	659740.84	1026.78		1026.78	18.00
GP01-128	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	2/2/2004	2/2/2004	1573633.80	659576.45	1025.83		1025.83	18.00
GP01-129	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	1/21/2004	1/21/2004	1573464.72	659391.56	1026.38		1026.38	14.00
GP01-130	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	1/21/2004	1/21/2004	1573504.91	659369.32	1025.78		1025.78	14.00
GP01-131	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	2/11/2004	2/11/2004	1573656.31	659274.17	1025.07		1025.07	14.00
GP01-132	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	2/3/2004	2/3/2004	1573928.46	659383.49	1026.22		1026.22	16.50
GP01-133	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	2/3/2004	2/3/2004	1573905.25	659398.50	1026.37		1026.37	6.00
GP01-134	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	2/3/2004	2/3/2004	1573925.33	659436.07	1025.38		1025.38	17.50
GP01-135	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	2/3/2004	2/3/2004	1573905.83	659444.27	1025.97		1025.97	6.00
GP01-136	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	1/21/2004	1/21/2004	1573071.13	659658.62	1029.71		1029.71	4.00
GP01-137	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	1/22/2004	1/22/2004	1573176.69	659709.16	1028.04		1028.04	18.00
GP01-138	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	1/27/2004	1/27/2004	1573844.07	659547.92	1028.85		1028.85	8.00
GP01-139	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	1/27/2004	1/27/2004	1573823.51	659580.99	1028.86		1028.86	24.00
GP01-140	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	1/27/2004	1/27/2004	1573796.87	659537.14	1028.76		1028.76	8.00
GP01-141	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	1/27/2004	1/27/2004	1573713.66	659564.47	1028.88		1028.88	24.00
GP01-142	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	1/28/2004	1/28/2004	1573742.41	659562.51	1028.85		1028.85	23.00
GP01-143	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	1/28/2004	1/28/2004	1573733.06	659549.89	1028.85		1028.85	28.00
GP01-144	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	2/6/2004	2/6/2004	1573695.88	659459.37	1028.94		1028.94	23.00
GP01-145	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	1/28/2004	1/28/2004	1573712.81	659441.34	1028.90		1028.90	23.00
GP01-146	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	2/4/2004	2/4/2004	1573159.20	659301.65	1028.57		1028.57	12.00
GP01-147	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	2/4/2004	2/4/2004	1573243.43	659296.86	1027.91		1027.91	14.25
GP01-148	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	2/5/2004	2/5/2004	1573339.96	659423.65	1027.55		1027.55	8.00
GP01-149	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	2/4/2004	2/4/2004	1573345.66	659594.62	1027.68		1027.68	16.00
GP01-150	Vernay Plant 2/3 Facility	Geoprobe	EC	DP	2/11/2004	2/11/2004	1573699.73	659238.50	1026.01		1026.01	15.00
GP02-001	Omar Circle	Geoprobe	AST	DP	12/21/1998	12/21/1998	1573375.65	659124.95	1025.23		1025.23	11.00
GP02-002	Omar Circle	Geoprobe	AST	DP	12/21/1998	12/21/1998	1573572.00	659105.08	1025.29		1025.29	13.70
GP02-003	Omar Circle	Geoprobe	AST	DP	12/21/1998	12/21/1998	1573690.77	659096.77	1026.05		1026.05	15.00
GP02-004	Omar Circle	Geoprobe	AST	DP	12/21/1998	12/21/1998	1573831.75	659086.66	1027.99		1027.99	15.70
GP02-005	Omar Circle	Geoprobe	AST	DP	12/21/1998	12/21/1998	1573915.60	659080.99	1029.65		1029.65	21.50
GP02-006	Omar Circle	Geoprobe	AST	DP	12/21/1998	12/21/1998	1574014.49	659074.72	1031.27		1031.27	20.80
GP02-007	Omar Circle	Geoprobe	AST	DP	12/22/1998	12/22/1998	1574125.44	659066.56	1032.78		1032.78	21.50
GP02-008	Omar Circle	Geoprobe	AST	DP	12/22/1998	12/22/1998	1574205.26	659060.78	1032.52		1032.52	21.50
GP02-009	Omar Circle	Geoprobe	AST	DP	12/21/1998	12/21/1998	1574273.02	659066.93	1032.08		1032.08	22.00
GP02-010	Wright Street	Geoprobe	AST	DP	3/1/1999	3/1/1999	1574776.30	658693.89	1028.14		1028.14	16.00
GP02-011	Wright Street	Geoprobe	AST	DP	3/1/1999	3/1/1999	1574790.35	658853.03	1027.01		1027.01	14.70
GP02-012	Wright Street	Geoprobe	AST	DP	3/1/1999	3/1/1999	1574806.07	658992.87	1026.29		1026.29	14.60
GP02-013	Wright Street	Geoprobe	AST	DP	3/1/1999	3/1/1999	1574813.90	659117.12	1026.22		1026.22	15.50
GP02-014	Wright Street	Geoprobe	AST	DP	3/1/1999	3/1/1999	1574825.57	659290.26	1025.98		1025.98	16.60
GP02-015	Wright Street	Geoprobe	AST	DP	3/1/1999	3/1/1999	1574842.38	659461.33	1023.78		1023.78	16.00
GP02-016	Wright Street	Geoprobe	AST	DP	3/2/1999	3/2/1999	1574850.88	659572.86	1022.16		1022.16	14.30
GP02-017	Wright Street	Geoprobe	AST	DP	3/2/1999	3/2/1999	1574856.67	659738.43	1020.17		1020.17	13.50
GP02-018	Wright Street	Geoprobe	AST	DP	3/2/1999	3/2/1999	1574872.51	659913.80	1018.93		1018.93	13.00
GP02-019	Wright Street	Geoprobe	AST	DP	3/2/1999	3/2/1999	1574885.11	660056.81	1018.77		1018.77	14.40
GP02-020	Green Street	Geoprobe	EC	DP	7/29/2003	7/29/2003	1575403.08	659465.40	1020.50		1020.50	13.00
GP02-021	Green Street	Geoprobe	EC	DP	7/29/2003	7/29/2003	1575413.55	659645.66	1018.20		1018.20	13.00
GP02-022	Green Street	Geoprobe	EC	DP	7/29/2003	7/29/2003	1575425.58	659768.39	1017.73		1017.73	11.00
GP02-023	Suncrest Drive	Geoprobe	EC	DP	7/29/2003	7/29/2003	1575325.04	659775.70	1017.61		1017.61	11.30
GP02-024	Suncrest Drive	Geoprobe	EC	DP	7/29/2003	7/29/2003	1575206.17	659784.44	1018.38		1018.38	11.00
GP02-025	Suncrest Drive	Geoprobe	EC	DP	7/29/2003	7/29/2003	1575103.09	659790.12	1019.19		1019.19	12.70
GP02-026	Suncrest Drive	Geoprobe	EC	DP	7/29/2003	7/29/2003	1574992.40	659803.79	1019.14		1019.14	13.80
GP02-027	Wright Street	Geoprobe	EC	DP	7/29/2003	7/29/2003	1574866.33	659812.93	1019.80		1019.80	14.80
GP02-028	Wright Street	Geoprobe	EC	DP	7/29/2003	7/29/2003	1574856.54	659672.19	1020.90		1020.90	13.60
GP02-029	Wright Street	Geoprobe	EC	DP	7/30/2003	7/30/2003	1574836.53	659407.86	1024.70		1024.70	16.40
GP02-030	WN College Street	Geoprobe	EC	DP	7/30/2003	7/30/2003	1575380.05	659123.75	1022.62		1022.62	12.00
GP02-031	WN College Street	Geoprobe	EC	DP	7/31/2003	7/31/2003	1575380.10	659249.05	1022.06		1022.06	11.00
GP02-032	825 Dayton Street	Geoprobe	EC	DP	7/30/2003	7/30/2003	1574114.20	659257.02	1032.37		1032.37	25.20
GP02-032A	825 Dayton Street	Geoprobe	EC	DP	2/5/2004	2/5/2004	1574114.20	659257.02	1032.37		1032.37	22.50
GP02-033	825 Dayton Street	Geoprobe	EC	DP	7/30/2003	7/30/2003	1574118.74	659372.18	1028.85		1028.85	24.00
GP02-033A	825 Dayton Street	Geoprobe	EC	DP	2/5/2004	2/5/2004	1574118.74	659372.18	1028.85		1028.85	22.50
GP02-034	825 Dayton Street	Geoprobe	EC	DP	7/30/2003	7/30/2003	1574122.49	659479.83	1025.69		1025.69	23.30
GP02-034A	825 Dayton Street	Geoprobe	EC	DP	2/5/2004	2/5/2004	1574122.49	659479.83	1025.69		1025.69	19.00
GP02-035	825 Dayton Street	Geoprobe	EC	DP	7/30/2003	7/30/2003	1574173.50	659615.18	1025.02		1025.02	19.80

The Payne Firm, Inc.

TABLE 5: Survey Information

Location ID	Location	Survey Point	Drilling Firm	Drilling Method	Start Date	Completion Date	Easting (X)	Northing (Y)	Surface Grade (feet msl)	Flush Grade (feet msl)	Measuring Point (feet msl)	Total Depth (feet bgs)
GP02-035A	825 Dayton Street	Geoprobe	EC	DP	2/5/2004	2/5/2004	1574173.50	659615.18	1025.02		1025.02	20.50
GP02-036	825 Dayton Street	Geoprobe	EC	DP	7/30/2003	7/30/2003	1574140.46	659720.06	1025.07		1025.07	21.00
GP02-037	825 Dayton Street	Geoprobe	EC	DP	7/30/2003	7/30/2003	1574345.07	659825.74	1025.44		1025.44	22.00
GP02-038	825 Dayton Street	Geoprobe	EC	DP	7/30/2003	7/30/2003	1574348.09	659685.06	1024.90		1024.90	19.50
GP02-039	825 Dayton Street	Geoprobe	EC	DP	7/31/2003	7/31/2003	1574420.46	659544.18	1023.80		1023.80	18.20
GP02-040	825 Dayton Street	Geoprobe	EC	DP	7/31/2003	7/31/2003	1574418.43	659423.02	1025.16		1025.16	17.30
GP02-041	825 Dayton Street	Geoprobe	EC	DP	7/31/2003	7/31/2003	1574413.66	659281.17	1028.99		1028.99	19.00
GP02-042	Dayton Street	Geoprobe	EC	DP	8/1/2003	8/1/2003	1574973.20	660283.14	1016.60		1016.60	8.00
GP02-043	Dayton Street	Geoprobe	EC	DP	8/1/2003	8/1/2003	1574821.60	660235.09	1017.28		1017.28	10.00
GP02-044	Dayton Street	Geoprobe	EC	DP	8/1/2003	8/1/2003	1574680.68	660186.58	1018.57		1018.57	10.00
GP02-045	Dayton Street	Geoprobe	EC	DP	8/1/2003	8/1/2003	1574524.35	660138.19	1020.22		1020.22	10.00
GP02-046	Dayton Street	Geoprobe	EC	DP	8/1/2003	8/1/2003	1574382.03	660094.43	1021.99		1021.99	10.00
GP02-047	Dayton Street	Geoprobe	EC	DP	8/1/2003	8/1/2003	1574261.23	660057.26	1021.52		1021.52	10.00
GP02-048	Dayton Street	Geoprobe	EC	DP	8/5/2003	8/5/2003	1574103.72	660008.67	1022.48		1022.48	10.00
GP02-049	Dayton Street	Geoprobe	EC	DP	8/5/2003	8/5/2003	1573954.38	659958.27	1023.27		1023.27	10.00
GP02-050	Dayton Street	Geoprobe	EC	DP	8/5/2003	8/5/2003	1573984.27	659978.26	1022.54		1022.54	10.00
GP02-051	Dayton Street	Geoprobe	EC	DP	8/5/2003	8/5/2003	1573797.02	659920.82	1023.70		1023.70	10.00
GP02-052	Dayton Street	Geoprobe	EC	DP	8/5/2003	8/5/2003	1573627.89	659868.59	1024.38		1024.38	10.00
GP02-053	Dayton Street	Geoprobe	BM	DP	8/29/2003	8/29/2003	1574102.35	660010.47	1022.39		1022.39	17.00
GP02-054	Dayton Street	Geoprobe	BM	DP	8/29/2003	8/29/2003	1573950.18	659963.63	1023.27		1023.27	16.00
GP02-055	Omar Circle	Geoprobe	EC	DP	11/5/2003	11/5/2003	1574298.90	658734.69	1032.70		1032.70	20.00
GP02-056	1 Lawson Place	Geoprobe	EC	DP	11/5/2003	11/5/2003	1575659.52	659637.50	1019.00		1019.00	12.75
GP02-057	1 Lawson Place	Geoprobe	EC	DP	11/5/2003	11/5/2003	1575688.25	659752.09	1018.90		1018.90	13.50
GP02-058	Green Street	Geoprobe	EC	DP	11/5/2003	11/5/2003	1575459.29	659936.33	1017.00		1017.00	13.00
GP02-059	Green Street	Geoprobe	EC	DP	11/5/2003	11/5/2003	1575448.55	660100.88	1016.70		1016.70	13.00
GP02-060	Limestone Street	Geoprobe	EC	DP	11/6/2003	11/6/2003	1575463.26	660261.84	1016.40		1016.40	13.50
GP02-061	Limestone Street	Geoprobe	EC	DP	11/6/2003	11/6/2003	1575248.12	660278.23	1016.60		1016.60	14.00
GP02-062	Limestone Street	Geoprobe	EC	DP	11/6/2003	11/6/2003	1575092.84	660305.92	1016.40		1016.40	14.00
GP02-063	Dayton Street	Geoprobe	EC	DP	11/6/2003	11/6/2003	1574622.99	660215.70	1019.40		1019.40	17.00
GP02-064	Dayton Street	Geoprobe	EC	DP	11/6/2003	11/6/2003	1574482.41	660172.09	1020.60		1020.60	20.00
GP02-065	Dayton Street	Geoprobe	EC	DP	11/7/2003	11/7/2003	1574229.41	660095.37	1022.10		1022.10	21.00
GP02-066	825 Dayton Street	Geoprobe	EC	DP	11/7/2003	11/7/2003	1574295.75	659928.30	1026.20		1026.20	24.00
GP02-067	Dayton Street	Geoprobe	EC	DP	11/10/2003	11/10/2003	1574059.30	660042.80	1023.00		1023.00	24.00
GP02-068	Dayton Street	Geoprobe	EC	DP	11/10/2003	11/10/2003	1573890.81	659991.40	1023.80		1023.80	22.00
GP02-069	Dayton Street	Geoprobe	EC	DP	11/10/2003	11/10/2003	1573690.12	659929.29	1024.90		1024.90	23.50
GP02-070	Dayton Street	Geoprobe	EC	DP	11/11/2003	11/11/2003	1574378.98	660102.65	1020.90		1020.90	21.50
GP02-071	Dayton Street	Geoprobe	EC	DP	11/11/2003	11/11/2003	1574303.99	660081.22	1021.30		1021.30	21.00
GP02-072	Dayton Street	Geoprobe	EC	DP	11/11/2003	11/11/2003	1574179.45	660041.59	1021.90		1021.90	20.00
GP02-073	Dayton Street	Geoprobe	EC	DP	11/11/2003	11/11/2003	1573979.37	660018.51	1023.20		1023.20	24.50
GP02-074	Dayton Street	Geoprobe	EC	DP	11/12/2003	11/12/2003	1573794.15	659927.23	1023.80		1023.80	21.00
GP02-075	Dayton Street	Geoprobe	EC	DP	11/12/2003	11/12/2003	1573630.57	659874.50	1024.70		1024.70	18.00
GP02-076	Dayton Street	Geoprobe	EC	DP	11/12/2003	11/12/2003	1573519.17	659841.00	1025.30		1025.30	17.00
GP02-077	Dayton Street	Geoprobe	EC	DP	11/12/2003	11/12/2003	1573249.59	659741.69	1027.20		1027.20	17.00
GP02-078	Omar Circle	Geoprobe	EC	DP	11/25/2003	11/25/2003	1574297.16	658886.85	1031.50		1031.50	20.00
GP02-079	Omar Circle	Geoprobe	EC	DP	11/25/2003	11/25/2003	1574172.08	658774.04	1032.50		1032.50	20.50
GP02-080	WS College Street	Geoprobe	EC	DP	11/21/2003	11/25/2003	1574467.52	658438.81	1029.80		1029.80	17.00
GP02-081	WS College Street	Geoprobe	EC	DP	11/21/2003	11/21/2003	1574561.48	658432.63	1030.70		1030.70	18.00
GP02-082	WS College Street	Geoprobe	EC	DP	11/21/2003	11/21/2003	1574721.80	658421.56	1032.60		1032.60	18.00
GP02-083	Wright Street	Geoprobe	EC	DP	11/25/2003	11/25/2003	1574764.18	658555.92	1030.70		1030.70	17.00
GP02-084	Dayton Street	Geoprobe	EC	DP	1/22/2004	1/22/2004	1573481.37	659865.19	1025.81		1025.81	18.00
GP02-085	Dayton Street	Geoprobe	EC	DP	1/22/2004	1/22/2004	1573355.46	659826.42	1026.50		1026.50	18.00
GP02-086	Dayton Street	Geoprobe	EC	DP	1/22/2004	1/22/2004	1573186.08	659775.17	1027.46		1027.46	17.00
GP02-087	Dayton Street	Geoprobe	EC	DP	1/22/2004	1/22/2004	1573015.78	659722.16	1029.25		1029.25	17.00
GP02-088	825 Dayton Street	Geoprobe	EC	DP	1/26/2004	1/26/2004	1574132.18	659953.07	1024.80		1024.80	26.00
GP02-089	825 Dayton Street	Geoprobe	EC	DP	1/26/2004	1/26/2004	1574126.24	659832.77	1025.10		1025.10	24.00
GP02-090	825 Dayton Street	Geoprobe	EC	DP	1/26/2004	1/26/2004	1574126.22	659773.23	1024.97		1024.97	24.00
GP02-091	825 Dayton Street	Geoprobe	EC	DP	1/23/2004	1/23/2004	1574319.49	660005.57	1023.84		1023.84	21.00
GP02-092	825 Dayton Street	Geoprobe	EC	DP	1/23/2004	1/23/2004	1574333.26	659971.26	1025.07		1025.07	22.00
GP02-093	825 Dayton Street	Geoprobe	EC	DP	1/23/2004	1/23/2004	1574359.36	659881.66	1025.42		1025.42	22.00
GP02-094	Omar Circle	Geoprobe	EC	DP	2/11/2004	2/11/2004	1574047.20	658782.21	1033.29		1033.29	21.00
GP02-095	Omar Circle	Geoprobe	EC	DP	2/11/2004	2/11/2004	1573907.75	658791.58	1033.78		1033.78	22.00
MW01-01	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	BM	HSA	11/2/1998	11/2/1998	1573585.54	659816.84	1025.24	1025.25	1024.97	20.00
MW01-02	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	BM	HSA	10/30/1998	10/30/1998	1573332.98	659681.44	1027.13	1027.25	1026.95	18.50
MW01-02CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	BM	HSA/AR	4/23/1999	4/26/1999	1573333.17	659672.35	1027.23	1027.31	1027.07	59.00
MW01-02SE	Vernay Plant 2/3 Facility	Lower Cedarville Aquifer Monitoring Well	BM	HSA/AR	4/20/1999	4/26/1999	1573199.63	659663.91	1029.25	1029.28	1029.09	125.00
MW01-03	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	BM	HSA	10/27/1998	10/27/1998	1573530.22	659251.03	1025.81	1025.80	1025.41	16.00
MW01-03CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	BM	HSA/AR	4/27/1999	4/29/1999	1573520.79	659255.35	1025.70	1025.69	1025.33	54.00
MW01-04	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	BM	HSA	10/28/1998	10/28/1998	1573901.97	659268.68	1027.26	1027.26	1026.98	23.50
MW01-04CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	BM	HSA/AR	4/28/1999	4/29/1999	1573897.44	659258.07	1027.30	1027.33	1027.04	54.00
MW01-04SE	Vernay Plant 2/3 Facility	Lower Cedarville Aquifer Monitoring Well	BM	RS	2/15/2004	2/19/2004	1573887.97	659269.89	1026.95	1026.99	1026.64	101.00
MW01-05	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	BM	HSA	11/2/1998	11/2/1998	1573925.45	659684.42	1026.74	1026.74	1026.52	25.00
MW01-05CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	BM	HSA/AR	5/3/1999	5/4/1999	1573925.66	659751.87	1023.60	1023.68	1023.40	60.90

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TABLE 5: Survey Information

Location ID	Location	Survey Point	Drilling Firm	Drilling Method	Start Date	Completion Date	Easting (X)	Northing (Y)	Surface Grade (feet msl)	Flush Grade (feet msl)	Measuring Point (feet msl)	Total Depth (feet bgs)
MW01-06	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	BM	HSA	11/3/1998	11/3/1998	1573545.57	659442.63	1026.33	1026.35	1026.04	18.20
MW01-07	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	BM	HSA	1/19/1999	1/19/1999	1573055.88	659624.09	1030.50	1030.59	1030.07	20.00
MW01-08	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	BM	HSA	1/19/1999	1/19/1999	1573068.52	659382.90	1031.50	1031.53	1031.27	19.00
MW01-09	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	BM	HSA	1/20/1999	1/20/1999	1573929.47	659836.73	1022.50	1022.51	1022.25	22.00
MW01-10	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	BM	HSA	3/18/1999	3/18/1999	1573889.86	659463.59	1026.44	1026.37	1025.69	22.00
MW01-11	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	BM	HSA	1/29/1999	1/29/1999	1573618.17	659503.28	1025.90	1025.88	1025.57	17.50
MW01-12	Vernay Plant 2/3 Facility	Sanitary Sewer Backfill Monitoring Well	BM	HSA	10/5/1999	10/5/1999	1573630.51	659849.72	1025.27	1025.25	1024.76	8.00
MW01-13	Vernay Plant 2/3 Facility	Storm Sewer Backfill Monitoring Well	BM	HSA	10/5/1999	10/5/1999	1573955.00	659946.33	1023.35	1023.40	1022.96	12.00
MW01-14	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	BM	HSA	2/18/2000	2/18/2000	1573906.56	659334.31	1026.25	1025.69	1025.70	20.00
MW02-01	Omar Cirlce	Upper Cedarville Aquifer Monitoring Well	BM	HSA	3/10/1999	3/10/1999	1573572.00	659101.05	1025.37	1025.37	1024.95	16.00
MW02-02	Omar Cirlce	Upper Cedarville Aquifer Monitoring Well	BM	HSA	3/10/1999	3/10/1999	1573915.49	659077.11	1029.69	1029.69	1029.37	21.50
MW02-03	Omar Cirlce	Upper Cedarville Aquifer Monitoring Well	BM	HSA	3/11/1999	3/11/1999	1574273.15	659067.16	1032.04	1032.10	1031.76	22.00
MW02-03CD	Omar Cirlce	Middle Cedarville Aquifer Monitoring Well	BM	RS	1/28/2004	1/29/2004	1574268.14	659063.73	1032.14	1032.15	1031.80	69.50
MW02-03SE	Omar Cirlce	Lower Cedarville Aquifer Monitoring Well	BM	RS	8/21/2003	8/25/2003	1574278.03	659070.43	1032.12	1032.12	1031.75	115.00
MW02-04	Wright Street	Upper Cedarville Aquifer Monitoring Well	BM	HSA	3/17/1999	3/17/1999	1574806.07	658992.87	1026.29	1026.29	1025.95	16.00
MW02-04CD	Wright Street	Middle Cedarville Aquifer Monitoring Well	BM	RS	2/19/2004	2/20/2004	1574776.07	658806.13	1027.35	1027.36	1027.01	60.00
MW02-05	Wright Street	Upper Cedarville Aquifer Monitoring Well	BM	HSA	3/17/1999	3/17/1999	1574829.06	659289.69	1026.05	1026.06	1025.76	18.50
MW02-05CD	Wright Street	Middle Cedarville Aquifer Monitoring Well	BM	RS	2/13/2004	2/16/2004	1574818.96	659287.48	1025.91	1025.86	1025.43	58.50
MW02-06	Wright Street	Upper Cedarville Aquifer Monitoring Well	BM	HSA	3/16/1999	3/16/1999	1574850.88	659572.86	1022.16	1022.16	1021.89	15.50
MW02-06CD	Wright Street	Middle Cedarville Aquifer Monitoring Well	BM	RS	1/26/2004	1/28/2004	1574841.40	659578.29	1021.86	1021.87	1021.61	100.00
MW02-07	Wright Street	Upper Cedarville Aquifer Monitoring Well	BM	HSA	3/16/1999	3/16/1999	1574881.44	659913.03	1019.10	1019.12	1018.82	14.20
MW02-08	825 Dayton Street	Upper Cedarville Aquifer Monitoring Well	BM	RS	8/28/2003	8/28/2003	1574402.39	659398.85	1025.80	1028.59	1028.54	25.00
MW02-08CD	825 Dayton Street	Middle Cedarville Aquifer Monitoring Well	BM	RS	8/28/2003	8/28/2003	1574406.69	659410.34	1025.42	1028.09	1028.17	63.50
MW02-08SE	825 Dayton Street	Lower Cedarville Aquifer Monitoring Well	BM	RS	8/26/2003	8/27/2003	1574413.01	659400.06	1025.61	1028.51	1028.46	110.00
MW02-09	Suncrest Drive	Upper Cedarville Aquifer Monitoring Well	BM	RS	9/2/2003	9/2/2003	1575052.49	659803.02	1019.10	1019.10	1018.77	22.00
MW02-10	Green Street	Upper Cedarville Aquifer Monitoring Well	BM	RS	9/2/2003	9/2/2003	1575413.32	659647.28	1018.14	1018.13	1017.80	22.00
MW02-10CD	Green Street	Middle Cedarville Aquifer Monitoring Well	BM	RS	2/11/2004	2/12/2004	1575412.19	659635.97	1018.29	1018.35	1018.10	54.00
MW02-11	825 Dayton Street	Upper Cedarville Aquifer Monitoring Well	BM	RS	9/5/2003	9/5/2003	1574251.91	659711.63	1025.70	1027.89	1027.84	28.00
MW02-11SE	825 Dayton Street	Lower Cedarville Aquifer Monitoring Well	BM	RS	9/4/2003	9/5/2003	1574258.32	659709.88	1025.50	1027.72	1027.67	110.00
MW02-12	Dayton Street	Storm Sewer Backfill Monitoring Well	BM	HSA	9/11/2003	9/11/2003	1574524.35	660138.19	1020.22	1020.22	1019.89	10.00
MW02-13	Omar Cirlce	Upper Cedarville Aquifer Monitoring Well	BM	RS	1/30/2004	1/30/2004	1574299.35	658737.28	1032.70	1032.72	1032.34	30.00
MW02-14	WS College Street	Upper Cedarville Aquifer Monitoring Well	BM	RS	2/4/2004	2/4/2004	1574410.26	658442.67	1029.41	1029.41	1029.13	24.00
MW02-14CD	WS College Street	Middle Cedarville Aquifer Monitoring Well	BM	RS	2/2/2004	2/4/2004	1574415.75	658442.24	1029.46	1029.46	1029.08	110.00
MW02-15	Green Street	Upper Cedarville Aquifer Monitoring Well	BM	RS	2/5/2004	2/5/2004	1575453.08	659985.80	1016.90	1016.91	1016.58	22.00
MW02-15CD	Green Street	Middle Cedarville Aquifer Monitoring Well	BM	RS	2/9/2004	2/11/2004	1575454.52	659997.01	1016.77	1016.79	1016.25	90.00
MW02-16	WN College Street	Upper Cedarville Aquifer Monitoring Well	BM	RS	2/18/2004	2/18/2004	1575381.72	659241.43	1022.22	1022.22	1021.97	18.00
MW02-16CD	WN College Street	Middle Cedarville Aquifer Monitoring Well	BM	RS	2/16/2004	2/18/2004	1575382.33	659253.29	1021.93	1022.00	1021.77	100.00
MW02-17	825 Dayton Street	Upper Cedarville Aquifer Monitoring Well	BM	RS	2/24/2004	2/24/2004	1574291.65	659932.56	1026.12	1026.14	1025.74	34.00
MW02-17CD	825 Dayton Street	Middle Cedarville Aquifer Monitoring Well	BM	RS	2/23/2004	2/24/2004	1574299.59	659930.77	1026.35	1026.30	1025.89	69.50
MW02-18	Omar Cirlce	Upper Cedarville Aquifer Monitoring Well	BM	RS	2/26/2004	2/26/2004	1573925.76	658789.07	1033.73	1033.78	1033.50	28.50
MW02-18CD	Omar Cirlce	Middle Cedarville Aquifer Monitoring Well	BM	RS	2/25/2004	2/26/2004	1573939.13	658788.13	1033.60	1033.77	1033.42	110.00

The Payne Firm, Inc.

TABLE 5: Survey Information

Location ID	Location	Survey Point	Drilling Firm	Drilling Method	Start Date	Completion Date	Easting (X)	Northing (Y)	Surface Grade (feet msl)	Flush Grade (feet msl)	Measuring Point (feet msl)	Total Depth (feet bgs)
MW02-759 Dayton Street	759 Dayton Street	Upper Cedarville Aquifer Monitoring Well										
MW02-860 Dayton Street	860 Dayton Street	Unconsolidated Unit Monitoring Well					1573802.31	659975.60	1025.50	1025.52	1024.99	
RW01-01	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Remediation Injection Well	BM	HSA	1/27/1999	1/27/1999	1573647.65	659500.72	1025.50	1025.49	1025.27	18.50
RW01-02	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Remediation Observation Well	BM	HSA	1/26/1999	1/26/1999	1573648.15	659507.49	1025.60	1025.57	1025.11	19.00
RW01-03	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Remediation Observation Well	BM	HSA	1/26/1999	1/26/1999	1573646.43	659490.30	1025.40	1025.45	1024.96	18.00
RW01-04	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Remediation Observation Well	BM	HSA	1/27/1999	1/27/1999	1573635.88	659503.04	1025.70	1025.68	1025.36	17.50
RW01-04 CONF	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Remediation Observation Well	EC	DP	1/29/2004	1/29/2004	1573635.88	659503.04	1025.70	1025.68	1025.36	17.00
RW01-05	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Remediation Observation Well	BM	HSA	1/28/1999	1/28/1999	1573657.28	659499.33	1027.50	1027.47	1027.04	19.50
RW01-06	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Remediation Observation Well	BM	HSA	1/29/1999	1/29/1999	1573618.17	659503.28	1025.90	1025.88	1025.57	17.50
SA-01	Vernay Plant 2/3 Facility	Sanitary Sewer Manhole					1573652.89	659502.25	1024.37	1025.57	1024.37	
SA-02	Vernay Plant 2/3 Facility	Sanitary Sewer Manhole					1573624.72	659868.93	1024.48	1024.48	1018.56	
SA-03	Vernay Plant 2/3 Facility	Sanitary Sewer Manhole					1574001.17	659984.48	1022.75	1022.75	1017.14	
SA-04	Vernay Plant 2/3 Facility	Sanitary Sewer Structure					1573659.34	659565.77	1025.75	1025.75	1025.75	
SA-05	Vernay Plant 2/3 Facility	Sanitary Sewer Structure					1573654.81	659446.33	1025.56	1025.56	1025.56	
SA-06	Vernay Plant 2/3 Facility	Sanitary Sewer Structure					1573911.46	659389.63	1025.40	1025.40	1025.40	
SA-07	Vernay Plant 2/3 Facility	Sanitary Sewer Structure					1573923.93	659515.68	1025.04	1025.04	1025.04	
SED02-01	Unnamed Creek	Surface Sediment from Unnamed Creek					1575508.00	660520.27	1006.60		1006.60	0.00
SED02-02	Unnamed Creek	Surface Sediment from Unnamed Creek					1575418.70	660891.19	1005.80		1005.80	0.00
SED02-03	Unnamed Creek	Surface Sediment from Unnamed Creek					1575245.77	661499.98	1003.90		1003.90	0.00
SED02-04	Unnamed Creek	Surface Sediment from Unnamed Creek					1575474.38	662021.66	1003.50		1003.50	0.00
SED02-05	Unnamed Creek	Surface Sediment from Unnamed Creek					1575710.41	662087.57	1003.20		1003.20	0.00
SED02-06	Unnamed Creek	Surface Sediment from Unnamed Creek					1576235.71	662881.90	994.50		994.50	0.00
SEPTIC TANK NW	Vernay Plant 2/3 Facility	Grab					1573599.45	659658.02	1025.60		1025.60	5.00
SEPTIC TANK SE	Vernay Plant 2/3 Facility	Grab					157361.71	659648.25	1025.60		1025.60	5.00
ST01-01	Vernay Plant 2/3 Facility	Water from within Storm Sewer Structure					1573645.39	659509.91	1022.06	1025.51		
ST01-02	Vernay Plant 2/3 Facility	Water from within Storm Sewer Structure					1573634.23	659278.89	1023.96	1023.96		
ST01-03	Vernay Plant 2/3 Facility	Water from within Storm Sewer Structure					1573630.10	659245.76	1023.91	1023.91	1017.61	
ST01-04	Vernay Plant 2/3 Facility	Water from within Storm Sewer Structure					1573760.51	659239.82	1023.60	1023.60	1017.47	
ST01-05	Vernay Plant 2/3 Facility	Water from within Storm Sewer Structure					1573890.06	659254.87	1027.08	1027.08	1016.98	
ST01-06	Vernay Plant 2/3 Facility	Water from within Storm Sewer Structure					1573916.50	659440.32	1024.38	1024.38	1016.70	
ST01-07	Vernay Plant 2/3 Facility	Water from within Storm Sewer Structure					1573932.33	659659.27	1022.75	1022.75	1015.67	
ST02-01	Dayton Street	Water from within Storm Sewer Structure					1573264.83	659790.88	1026.44	1026.44	1021.79	
ST02-02	Dayton Street	Water from within Storm Sewer Structure					1573561.26	659825.92	1024.91	1024.91	1021.48	
ST02-03	Dayton Street	Water from within Storm Sewer Structure					1573952.57	659959.24	1023.43	1023.43	1014.66	
ST02-04	Dayton Street	Water from within Storm Sewer Structure					1575553.23	660497.27	1013.52	1013.52	1010.12	
ST02-05	Dayton Street/Unnamed Creek	Water from Storm Sewer Outfall to Unnamed Creek					1575504.13	660491.19	1014.05	1014.05	1005.59	
ST02-06	Unnamed Creek	Surface Water from Unnamed Creek					1575710.41	662087.57	1003.20			
ST02-07	Unnamed Creek	Surface Water from Unnamed Creek					1576235.71	662881.90	994.50			
ST02-08	Omar Circle	Water from within Storm Sewer Structure					1573613.50	659073.11	1025.68	1025.68	1018.48	
ST02-09	Unnamed Creek	Surface Water from Unnamed Creek					1575245.77	661499.98	1003.90			
ST-23	Vernay Plant 2/3 Facility	Storm Sewer Structure					1572979.96	659702.43	1029.74	1029.74	1024.64	
ST-24	Vernay Plant 2/3 Facility	Storm Sewer Structure					1572970.41	659634.67	1029.42	1029.42	1026.02	
ST-25	Vernay Plant 2/3 Facility	Storm Sewer Structure					1573006.24	659638.65	1029.32	1029.32	1025.82	
ST-26	Vernay Plant 2/3 Facility	Storm Sewer Structure					1573275.03	659756.56	1026.78	1026.78	1022.88	
ST-27	Vernay Plant 2/3 Facility	Storm Sewer Structure					1573561.38	659825.97	1024.86	1024.86	1021.46	
ST-28	Vernay Plant 2/3 Facility	Storm Sewer Structure					1573559.58	659844.13	1025.31	1025.31	1020.86	

The Payne Firm, Inc.

TABLE 5: Survey Information

Location ID	Location	Survey Point	Drilling Firm	Drilling Method	Start Date	Completion Date	Easting (X)	Northing (Y)	Surface Grade (feet msl)	Flush Grade (feet msl)	Measuring Point (feet msl)	Total Depth (feet bgs)
ST-29	Vernay Plant 2/3 Facility	Storm Sewer Structure					1573939.73	660005.27	1023.28	1023.28	1019.88	
ST-30	Vernay Plant 2/3 Facility	Storm Sewer Structure					1573862.39	659973.09	1023.55	1023.55	1018.40	
STW01-01	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	AST	HSA	2/15/2000	2/15/2000	1573942.88	659841.46	1022.39	1022.57	1022.34	10.50
STW01-02	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	AST	HSA	2/15/2000	2/15/2000	1573939.07	659739.01	1023.53	1023.60	1023.36	10.50
STW01-03	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	AST	HSA	2/15/2000	2/15/2000	1573929.58	659627.17	1024.05	1024.29	1023.89	10.00
STW01-04	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	AST	HSA	2/15/2000	2/15/2000	1573925.73	659518.21	1024.87	1024.95	1024.54	10.00
STW01-05	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	AST	HSA	2/14/2000	2/14/2000	1573911.24	659416.14	1024.88	1025.13	1024.78	9.00
STW01-06	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	AST	HSA	2/14/2000	2/14/2000	1573901.84	659314.78	1026.28	1026.42	1026.42	11.00
STW01-07	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	AST	HSA	2/14/2000	2/14/2000	1573845.30	659250.23	1026.63	1026.67	1026.40	12.00
SUMP	Vernay Plant 2/3 Facility	Water from Plant 2 Sump							1026.15		1026.15	
VSGP-001	Dayton Street	Geoprobe	AST	DP	4/4/2000	4/4/2000	1575514.10	660450.34	1016.40		1016.40	13.50
VSGP-002	Dayton Street	Geoprobe	AST	DP	4/4/2000	4/4/2000	1575419.90	660418.56	1016.40		1016.40	13.20
VSGP-003	Dayton Street	Geoprobe	AST	DP	4/4/2000	4/4/2000	1575322.30	660390.19	1016.40		1016.40	13.00
VSGP-004	Dayton Street	Geoprobe	AST	DP	4/5/2000	4/5/2000	1575226.97	660358.41	1016.60		1016.60	9.50
VSGP-005	Dayton Street	Geoprobe	AST	DP	4/5/2000	4/5/2000	1575212.22	660358.41	1016.60		1016.60	13.50
VSGP-006	Dayton Street	Geoprobe	AST	DP	4/5/2000	4/5/2000	1575111.22	660322.10	1016.40		1016.40	14.00
VSGP-007	Dayton Street	Geoprobe	AST	DP	4/5/2000	4/5/2000	1574995.46	660282.38	1016.60		1016.60	8.00
VSGP-008	Dayton Street	Geoprobe	AST	DP	4/5/2000	4/5/2000	1574980.71	660278.97	1016.60		1016.60	14.00
VSGP-009	Dayton Street	Geoprobe	AST	DP	4/5/2000	4/5/2000	1574900.13	660257.41	1016.60		1016.60	14.50
VSGP-010	Dayton Street	Geoprobe	AST	DP	4/5/2000	4/5/2000	1574784.37	660241.52	1017.28		1017.28	14.50
VSGP-011	Dayton Street	Geoprobe	AST	DP	4/5/2000	4/5/2000	1574709.47	660222.23	1018.57		1018.57	15.40
VSGP-012	Dayton Street	Geoprobe	AST	DP	4/5/2000	4/5/2000	1574568.75	660179.10	1020.22		1020.22	16.00
WW01-Vernay Plant 2	Vernay Plant 2/3 Facility	Upper/Middle Cedarville Aquifer Water Well					1573593.93	659500.60	1027.70	1027.72	1027.37	33.70
WW02-195 Park Meadows	195 Park Meadows	Water Well - Unused	Lower Well Drilling Co.			6/1/1989	1575007.65	660842.22	1016.62	1017.69		92.00
WW02-324 Dayton Street	324 Dayton Street	Water Well - Potable					1571617.05	659703.56	1038.34	1039.21		
WW02-340 Fairfield	340 Fairfield	Water Well					1572194.00	663439.00				
WW02-3871 East Enon	3871 East Enon	Water Well	Lower Well Drilling			1/4/1985						82.00
WW02-3881 East Enon	3881 East Enon	Water Well	Lower Well Drilling			8/30/1986						82.00
WW02-3910 East Enon	3910 East Enon	Water Well	Jenkins Pumps			6/12/1987						90.00
WW02-3997 East Enon	3997 East Enon	Water Well					1573245.00	657502.00				
WW02-409 WN College Street	409 WS College Street	Water Well - Unused										
WW02-4100 East Enon	4100 East Enon	Water Well - Potable					1573016.00	660012.00				
WW02-420 East Enon	420 East Enon	Water Well - Nonpotable					1572504.44	658714.50	1031.56	1033.84		
WW02-422 North High Street	422 North High Street	Water Well	Curtis Hughes			6/10/1977						60.00
WW02-4353 East Enon	4353 East Enon	Water Well					1572557.00	661376.00				
WW02-502 WS College Street	502 W.S. College Street	Water Well - Potable					1574684.00	658335.00				
WW02-505 King Street	505 King Street	Water Well					1575945.00	662399.00				
WW02-545 Dayton Street	545 Dayton Street	Water Well - Nonpotable					1575776.80	660370.51	1016.99	1020.15		
WW02-550 Green Street	550 Green Street	Water Well - Unused					1575343.28	659457.62	1023.10			
WW02-602 Wright Street	602 Wright Street	Water Well - Unused					1574782.00	659593.00				
WW02-608 South High Street	608 South High Street	Water Well					1576247.00	659296.00				
WW02-675 Wright Street	675 Wright Street	Water Well - Unused										
WW02-685 Wright Street	685 Wright Street	Water Well - Unused					1574906.71	659292.33	1026.61			
WW02-690 Wright Street	690 Wright Street	Water Well - Nonpotable					1574709.36	659242.61	1027.17	1028.33		
WW02-775 Dayton Street	775 Dayton Street	Water Well - Potable					1574476.40	660049.16	1023.38	1023.65		
WW02-780 Dayton Street	780 Dayton Street	Water Well - Potable					1574313.69	660127.95	1021.20	1022.99		
WW02-820 Green Street	820 Green Street	Water Well - Unused					1575106.00	658821.00				
WW02-825 Dayton Street	825 Dayton Street	Water Well - Potable					1574201.00	659950.00				
WW02-845 Dayton Street	845 Dayton Street	Water Well - Unused					1574033.00	659766.00				
WW02-850 Dayton Street	850 Dayton Street	Water Well - Potable					1573835.09	660067.86	1025.54	1027.17		

TABLE 5: Survey Information

Location ID	Location	Survey Point	Drilling Firm	Drilling Method	Start Date	Completion Date	Easting (X)	Northing (Y)	Surface Grade (feet msl)	Flush Grade (feet msl)	Measuring Point (feet msl)	Total Depth (feet bgs)
WW02-860 Dayton Street North	860 Dayton Street	Water Well - Unused					1573687.00	660107.00				
WW02-860 Dayton Street South	860 Dayton Street	Water Well - Nonpotable					1573705.10	659993.23	1025.75	1026.53		
WW02-880 Dayton Street	880 Dayton Street	Water Well - Unused										
WW02-Miami TWP Garage	Miami TWP Garage	Water Well					1575007.79	660841.94	1016.40	1017.60		
WW02-Whitehall Farm	Whitehall Farm	Water Well					1579674.00	663819.00				

ID = Identification
msl = mean sea level
bgs = below ground surface
BM = Bowser-Morner
AST = AST Environmental, Inc.
DPA = Direct Push Analytical Corp.
EC = Enviro Core, Ltd.
RS = Rotosonic
AR = Air Rotary
HSA = Hollow Stem Auger
DP = Direct-Push
State plane coordinates from Woolpert Surveying, LLP., Dayton, Ohio (NAD83/NAVD88).

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 6: Summary of Laboratory Analytical Methods

Parameter Group	Water	Solid	Air	Sample Preparation Method	
				Water	Solid
Volatile Organic Compounds	SW-846 8260B	SW-846 8260B	TO-14	SW-846 5030B	SW-846 5035
Semi-Volatile Organic Compounds	SW-846 8270C	SW-846 8270C	NA	SW-846 3520C	SW-846 3550B
Polynuclear Aromatic Hydrocarbons	SW-846 8310	SW-846 8310	NA	SW-846 3510	SW-846 3540
Pesticides	SW-846 8081A	SW-846 8081A	NA	SW-846 3510	SW-846 3550
Herbicides	SW-846 8051A	SW-846 8051A	NA	SW-846 8051A	SW-846 9020B
Polychlorinated Biphenyls	SW-846 8082	SW-846 8082	NA	SW-846 3520C	SW-846 3550
Metals	SW-846 6010B/7470A	SW-846 6010B/7470A	NA	SW-846 3005A	SW-846 3050B
General Chemistry					
Chloride	E300	NA	NA	NA	NA
Hardness, as CaCO3	E130.2	NA	NA	NA	NA
Hexavalient Chromium	SW-846 7196	NA	NA	NA	NA
Nitrate	E300.0A	NA	NA	NA	NA
Nitrite	E300.0A	NA	NA	NA	NA
Percent Solids	NA	E160.3	NA	NA	NA
pH	NA	E150.1	NA	NA	NA
Phospate as P, Ortho	E300.0	NA	NA	NA	NA
Sulfate	E300	NA	NA	NA	NA
Total Alkalinity	E310.1	NA	NA	NA	NA
Total Dissolved Solids	E160.1	NA	NA	NA	NA
Total Organic Carbon	NA	Walkley-Black, E415.1, SW-846 9060	NA	NA	SW-846 9060
Total Petroleum Hydrocarbons	NA	E418.1	NA	NA	SW-846 3540
Total Sulfide	E376.1	NA	NA	NA	NA
Geological Properties					
Grain Size	NA	ASTM D422	NA	NA	NA
Unit Weight	NA	ACOE	NA	NA	NA
Moisture Content	NA	ASTM D2216	NA	NA	NA
Specific Gravity	NA	ASTM D854	NA	NA	NA
Atterberg Limits	NA	ASTM D4318	NA	NA	NA
Permeability	NA	ASTM D5084	NA	NA	NA

NA = Not Applicable.
SW-846 = "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," EPA SW-846, 3rd Edition
TO-14 = "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air," EPA-600/4-79-041, April 1984.
ASTM = American Society for Testing Materials
ACOC = "Laboratory Soil Testing," Army Corps of Engineers, EM 1110-2-1906, November 30, 1970.

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 7: Quality Control Sample Summary

QA/QC Sample Type	General ID	Field ID	Sample Date
QDUPGW	MW01-04 DUP	DUP01/021403	2/14/2003
QDUPGW	MW01-04 DUP	DUP01/091503	9/15/2003
QDUPGW	MW01-04 DUP	DUPLICATE #1/051399	5/13/1999
QDUPGW	MW01-04 DUP	DUPLICATE/060801	6/8/2001
QDUPGW	MW01-04 DUP	DUPLICATE/110200	11/2/2000
QDUPGW	MW01-04CD DUP	DUP 01/021904	2/19/2004
QDUPGW	MW01-04CD DUP	DUP01/050703	5/7/2003
QDUPGW	MW01-04CD DUP	DUPLICATE 1/060700	6/7/2000
QDUPGW	MW01-04SE DUP	DUP01/030504	3/5/2004
QDUPGW	MW01-04SE DUP	DUP01/041404	4/14/2004
QDUPGW	MW01-05 DUP	DUP-110598	11/5/1998
QDUPGW	MW01-05 DUP	DUPLICATE 01/060801	6/8/2001
QDUPGW	MW01-05 DUP	DUPLICATE/120199	12/1/1999
QDUPGW	MW01-06 DUP	DUP01/110603	11/6/2003
QDUPGW	MW01-07 DUP	MW03-25/101503	10/15/2003
QDUPGW	MW01-10 DUP	DUP02/021403	2/14/2003
QDUPGW	MW01-10 DUP	DUP02/091503	9/15/2003
QDUPGW	MW01-10 DUP	MW-10-032699DUP	3/26/1999
QDUPGW	MW01-13 DUP	DUPLICATE/111901	11/19/2001
QDUPGW	MW02-02 DUP	DUPLICATE-113099	11/30/1999
QDUPGW	MW02-03CD DUP	DUP-02/022304	2/23/2004
QDUPGW	MW02-03SE DUP	DUP-02/041504	4/15/2004
QDUPGW	MW02-06 DUP	DUPLICATE #2/051399	5/13/1999
QDUPGW	MW02-06 DUP	DUPLICATE 2/060700	6/7/2000
QDUPGW	MW02-08 DUP	DUP02/110403	11/4/2003
QDUPGW	MW02-08 DUP	DUP-03/041504	4/15/2004
QDUPGW	MW02-13 DUP	DUP03/022404	2/24/2004
QDUPGW	WW01-Vernay Plant 2 DUP	DUPLICATE-072800	7/28/2000
QDUPGW	WW02-825 Dayton St / spigot post tank / P DUP	DUP01/040504	4/5/2004
QDUPGW SCREENING	GP01-033 / 17 GW DUP	GP-0133-17GW DUP	12/17/1998
QDUPGW SCREENING	GP01-059 / 10-11.5 GW DUP	DUP-008/020304	2/3/2004
QDUPGW SCREENING	GP02-007 / 21 GW DUP	GP-0207-21GWDUP	12/22/1998
QDUPGW SCREENING	GP02-014 / 16.6 GW DUP	GP-0214-16.6GWDUP	3/1/1999
QDUPGW SCREENING	GP02-028 / 13.6 GW DUP	DUP-01/072903	7/29/2003
QDUPGW SCREENING	GP02-048 / 06-10 GW DUP	DUP-02/080503	8/5/2003
QDUPGW SCREENING	GP02-058 / 13 GW DUP	DUP-01/110503	11/5/2003
QDUPGW SCREENING	GP02-081 / 17.5 GW DUP	DUP-05/112103	11/21/2003
QDUPGW SCREENING	GP02-084 / 18 GW DUP	DUP-001/012204/GW	1/22/2004
QDUPGW SCREENING	VSGP-002 / 13 GW DUP	VSGP-13/040600	4/6/2000
QDUPSOIL	GP01-055 / 04-06 CONF DUP	DUP-004/020204	2/2/2004
QDUPSOIL	GP01-059 / 04-06 CONF DUP	DUP-005/020304	2/3/2004
QDUPSOIL	GP01-059 / 12-14 DUP	DUP-006/020304	2/3/2004
QDUPSOIL	GP01-059 / 16-18 DUP	DUP-007/020304	2/3/2004
QDUPSOIL	GP01-113 / 06-08 DUP	DUP-03/111403	11/14/2003
QDUPSOIL	GP01-123 / 00-02 DUP	DUP-04B/112103	11/21/2003
QDUPSOIL	GP01-123 / 13.5-15 DUP	DUP-04A/112103	11/21/2003
QDUPSOIL	GP01-124 / 18-20 DUP	DUP-009/020404	2/4/2004
QDUPSOIL	GP01-142 / 08-10 DUP	DUP-002/012804	1/28/2004
QDUPSOIL	GP01-145 / 08-10 DUP	DUP-003/012804	1/28/2004
QDUPSOIL	GP01-147 / 02-04 DUP	DUP-010/020404	2/4/2004
QDUPSOIL	GP02-070 / 19-21 DUP	DUP-02/111103	11/11/2003
QDUPSW	ST01-07 DUP	DUPLICATE/030499	3/4/1999
QFB	FIELD BLANK	FB 01/021904	2/19/2004
QFB	FIELD BLANK	FB/113099	11/30/1999
QFB	FIELD BLANK	FB/120199	12/1/1999
QFB	FIELD BLANK	FB-001/012104	1/21/2004
QFB	FIELD BLANK	FB-002/012204	1/22/2004
QFB	FIELD BLANK	FB-003/012304	1/23/2004
QFB	FIELD BLANK	FB-004/012604	1/26/2004
QFB	FIELD BLANK	FB-005/020204	2/2/2004
QFB	FIELD BLANK	FB-006/020304	2/3/2004
QFB	FIELD BLANK	FB-007/020404	2/4/2004
QFB	FIELD BLANK	FB01/021403	2/14/2003
QFB	FIELD BLANK	FB01/033004	3/30/2004
QFB	FIELD BLANK	FB01/041304	4/13/2004
QFB	FIELD BLANK	FB01/050803	5/8/2003
QFB	FIELD BLANK	FB01/091203	9/12/2003

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TABLE 7: Quality Control Sample Summary

QA/QC Sample Type	General ID	Field ID	Sample Date
QFB	FIELD BLANK	FB01/110503	11/5/2003
QFB	FIELD BLANK	FB-01/110503	11/5/2003
QFB	FIELD BLANK	FB01-02/080503	8/5/2003
QFB	FIELD BLANK	FB02/021903	2/19/2003
QFB	FIELD BLANK	FB02/022004	2/20/2004
QFB	FIELD BLANK	FB02/022404	2/24/2004
QFB	FIELD BLANK	FB02/041404	4/14/2004
QFB	FIELD BLANK	FB02/091503	9/15/2003
QFB	FIELD BLANK	FB02/110703	11/7/2003
QFB	FIELD BLANK	FB-02/111303	11/13/2003
QFB	FIELD BLANK	FB02-01/073103	7/31/2003
QFB	FIELD BLANK	FB-03/041504	4/15/2004
QFB	FIELD BLANK	FB-03/111403	11/14/2003
QFB	FIELD BLANK	FB-04/112103	11/21/2003
QFB	FIELD BLANK	FB-05/112103	11/21/2003
QFB	FIELD BLANK	FB-110598	11/5/1998
QFB	FIELD BLANK	FB-HYDRANT/021104	2/11/2004
QFB	FIELD BLANK	FB-TRUCK/021104	2/11/2004
QFB	FIELD BLANK	FIELD BLANK	6/5/2000
QFB	FIELD BLANK	FIELD BLANK	6/6/2000
QFB	FIELD BLANK	FIELD BLANK	7/28/2000
QFB	FIELD BLANK	FIELD BLANK #1/051299	5/12/1999
QFB	FIELD BLANK	FIELD BLANK #2/051399	5/13/1999
QFB	FIELD BLANK	FIELD BLANK/110200	11/2/2000
QFB	FIELD BLANK	FIELD BLANK/111901	11/19/2001
QFB	FIELD BLANK	FIELD BLANK-042499	4/24/1999
QMS	CW01-01	CW1/111799	11/17/1999
QMS	GP01-017 / 00-02	GP-0117-0-2	12/14/1998
QMS	GP01-017 / 04-06	GP-0117-4-6	12/14/1998
QMS	GP01-017 / 08-10 CONF	GP01-017/08-10/012904/CONF	1/29/2004
QMS	GP01-020 / 02-03	GP-0120-2-3	12/14/1998
QMS	GP01-020 / 16 GW	GP-0120-16GW	12/14/1998
QMS	GP01-025 / 04-06	GP-0125-4-6	12/16/1998
QMS	GP01-030 / 12.8-13.4 SS	GP-0130-12.8-13.4SS	12/16/1998
QMS	GP01-037 / 13.4-15.2 SS	GP-0137-13.4-15.2 SS	12/18/1998
QMS	GP01-039 / 02-04	GP-0139-2-4	12/17/1998
QMS	GP01-040 / 16 GW	GP-0140-16GW	12/17/1998
QMS	GP01-041 / 00-02	GP0141-0-2	4/14/1999
QMS	GP01-043 / 02-04	GP0143-2-4	4/14/1999
QMS	GP01-047 / 02-04	GP0147-2-4	4/14/1999
QMS	GP01-051 / 00-02	GP0151-0-2	4/12/1999
QMS	GP01-055 / 00-02	GP0155-0-2	4/13/1999
QMS	GP01-059 / 00-02 CONF	GP01-059/00-02/020304/CONF	2/3/2004
QMS	GP01-059 / 04-06 CONF	GP01-059/04-06/020304/CONF	2/3/2004
QMS	GP01-059 / 10-11.5 GW	GP01-059/10-11.5/020304/GW	2/3/2004
QMS	GP01-059 / 12-14	GP01-059/12-14/020304	2/3/2004
QMS	GP01-059 / 16-18	GP01-059/16-18/020304	2/3/2004
QMS	GP01-062 / 00-02	GP0162-0-2	4/15/1999
QMS	GP01-066 / 02-04	GP0166-2-4	4/25/1999
QMS	GP01-073 / 00-02	GP0173-0-2	4/24/1999
QMS	GP01-077 / 02-04	GP0177-2-4	4/15/1999
QMS	GP01-085 / 00-1.5	GP0185/0-1.5	2/21/2000
QMS	GP01-087 / 00-02	GP0187/0-2	5/19/2000
QMS	GP01-087 / 04-06	GP0187/4-6	5/19/2000
QMS	GP01-088 / 04-06	GP0188/4-6	5/19/2000
QMS	GP01-092 / 13.8-14.3 SS	GP0192/13.8-14.3	5/19/2000
QMS	GP01-094 / 04-06	GP0194/4-6	5/20/2000
QMS	GP01-094 / 08-10	GP0194/8-10	5/20/2000
QMS	GP01-097 / 00-02	GP0197/0-2	5/21/2000
QMS	GP01-097 / 08-10	GP0197/8-10	5/21/2000
QMS	GP01-098 / 08-10	GP01198/8-10	5/21/2000
QMS	GP01-106 / 04-06	GP01106/4-6	5/22/2000
QMS	GP01-117 / 10-12	GP01-117(10-12)/111403	11/14/2003
QMS	GP01-123 / 14-16	GP01-123(6-8)/112103	11/21/2003
QMS	GP01-124 / 00-02	GP01-124/00-02/020404	2/4/2004
QMS	GP01-125 / 00-02	GP01-125/00-02/020404	2/4/2004
QMS	GP01-143 / 08-10	GP01-143/08-10/012804	1/28/2004
QMS	GP01-145 / 08-10	GP01-145/08-10/012804	1/28/2004
QMS	GP01-146 / 02-04	GP01-146/02-04/020404	2/4/2004
QMS	GP01-146 / 06-08	GP01-146/06-08/020404	2/4/2004
QMS	GP02-007 / 15-16 SS	GP-0207-15-16SS	12/22/1998
QMS	GP02-007 / 21 GW	GP-0207-21GW	12/22/1998
QMS	GP02-032 / 25.2 GW	GP02-32(25.2')/073003	7/30/2003

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TABLE 7: Quality Control Sample Summary

QA/QC Sample Type	General ID	Field ID	Sample Date
QMS	GP02-041 / 19 GW	GP02-41(19')/073103	7/31/2003
QMS	GP02-048 / 06-10 GW	GP02-48(6-10')/080503	8/5/2003
QMS	GP02-058 / 13 GW	GP02-58(13')/110503GW	11/5/2003
QMS	GP02-070 / 19-21	GP02-70(19-21)/111103	11/11/2003
QMS	GP02-077 / 00-02	GP02-77(0-2)/111203	11/12/2003
QMS	GP02-081 / 17.5 GW	GP02-81(17.5)/112103GW	11/21/2003
QMS	GP02-084 / 18 GW	GP02-84/18/012204/GW	1/22/2004
QMS	MW01-01	MW1/060500	6/5/2000
QMS	MW01-02	MW01-02/091103	9/11/2003
QMS	MW01-02	MW-2/113099	11/30/1999
QMS	MW01-02CD	MW2CD/060500	6/5/2000
QMS	MW01-04	MW01-04/021403	2/14/2003
QMS	MW01-04	MW01-04/091503	9/15/2003
QMS	MW01-04	MW4/120199	12/1/1999
QMS	MW01-04CD	MW01-04CD/021803	2/18/2003
QMS	MW01-04CD	MW01-04CD/021904	2/19/2004
QMS	MW01-04CD	MW01-04CD/050703	5/7/2003
QMS	MW01-04SE	MW01-04SE/041404	4/14/2004
QMS	MW01-05CD	MW-5CD/113099	11/30/1999
QMS	MW01-06	MW01-06/041304	4/13/2004
QMS	MW01-06	MW01-06/110603	11/6/2003
QMS	MW01-06	MW6/051399	5/13/1999
QMS	MW01-10	MW01-10/021403	2/14/2003
QMS	MW01-10	MW01-10/091503	9/15/2003
QMS	MW01-10	MW-10/120199	12/1/1999
QMS	MW01-10	MW-10-032699	3/26/1999
QMS	MW01-13	MW-13/042500	4/25/2000
QMS	MW01-13	MW-13/060801	6/8/2001
QMS	MW02-01	MW0201/051399	5/13/1999
QMS	MW02-01	MW-0201/060801	6/8/2001
QMS	MW02-03	MW203/120199	12/1/1999
QMS	MW02-03CD	MW02-03CD/022304	2/23/2004
QMS	MW02-03SE	MW02-03SE/041504	4/15/2004
QMS	MW02-05	MW02-05/021903	2/19/2003
QMS	MW02-06	MW0206/060700	6/7/2000
QMS	MW02-08	MW02-08/041504	4/15/2004
QMS	MW02-08	MW02-08/110403	11/4/2003
QMS	MW02-11	MW02-11/041604	4/16/2004
QMS	MW02-13	MW02-13/022404	2/24/2004
QMS	MW02-13 / 16.5-17.4	MW02-13/16.5-17.4/013004	1/30/2004
QMS	MW02-15 / 09-10	MW02-15/09-10/020504	2/5/2004
QMS	MW02-18CD/06-16	MW02-18CD/06-16/022504	2/25/2004
QMS	RW01-01	RW-1/120199	12/1/1999
QMS	RW01-02	RW-2-5	4/22/1999
QMS	RW01-03	RW-3-1	4/20/1999
QMS	RW01-03	RW-3-4	4/21/1999
QMS	RW01-04	RW-4-5	4/22/1999
QMS	RW01-04	RW-4-7	4/27/1999
QMS	RW01-04	RW-4-9	5/11/1999
QMS	RW01-04 / 06-08	RW-4 (6-8)	1/27/1999
QMS	RW01-05	RW01-05/091503	9/15/2003
QMS	RW01-05	RW-5-10	5/20/1999
QMS	RW01-05	RW-5-6	4/23/1999
QMS	RW01-05	RW-5-8	5/4/1999
QMS	RW01-06 / 06-08	RW-6 (6-8)	1/29/1999
QMS	SED02-01	SED0201/060701	6/7/2001
QMS	SED02-05	SED-0205/111901	11/19/2001
QMS	SED02-06	SED-0206/110200	11/2/2000
QMS	SEPTIC TANK NW	SEPTIC TANK NW/081000	8/10/2000
QMS	ST01-04	ST0104/030499	3/4/1999
QMS	ST01-07	ST0107/030499	3/4/1999
QMS	ST02-03	SS1-011399	1/13/1999
QMS	ST02-03	ST0203/091500	9/15/2000
QMS	STW01-02	STW-2/021700	2/17/2000
QMS	WW02-825 Dayton St / spigot post tank / P	WELL/825 DAYTONB/040504	4/5/2004
QMS	WW02-860 Dayton St South / water well / P	860 DAYTON ST.(A)/060800	6/8/2000
QMSD	CW01-01	CW1/111799	11/17/1999
QMSD	GP01-017 / 00-02	GP-0117-0-2	12/14/1998
QMSD	GP01-017 / 04-06	GP-0117-4-6	12/14/1998
QMSD	GP01-017 / 08-10 CONF	GP01-017/08-10/012904/CONF	1/29/2004
QMSD	GP01-020 / 02-03	GP-0120-2-3	12/14/1998
QMSD	GP01-020 / 16 GW	GP-0120-16GW	12/14/1998
QMSD	GP01-025 / 04-06	GP-0125-4-6	12/16/1998

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TABLE 7: Quality Control Sample Summary

QA/QC Sample Type	General ID	Field ID	Sample Date
QMSD	GP01-030 / 12.8-13.4 SS	GP-0130-12.8-13.4SS	12/16/1998
QMSD	GP01-037 / 13.4-15.2 SS	GP-0137-13.4-15.2 SS	12/18/1998
QMSD	GP01-039 / 02-04	GP-0139-2-4	12/17/1998
QMSD	GP01-040 / 16 GW	GP-0140-16GW	12/17/1998
QMSD	GP01-041 / 00-02	GP0141-0-2	4/14/1999
QMSD	GP01-043 / 02-04	GP0143-2-4	4/14/1999
QMSD	GP01-047 / 02-04	GP0147-2-4	4/14/1999
QMSD	GP01-051 / 00-02	GP0151-0-2	4/12/1999
QMSD	GP01-055 / 00-02	GP0155-0-2	4/13/1999
QMSD	GP01-059 / 00-02 CONF	GP01-059/00-02/020304/CONF	2/3/2004
QMSD	GP01-059 / 04-06 CONF	GP01-059/04-06/020304/CONF	2/3/2004
QMSD	GP01-059 / 10-11.5 GW	GP01-059/10-11.5/020304/GW	2/3/2004
QMSD	GP01-059 / 12-14	GP01-059/12-14/020304	2/3/2004
QMSD	GP01-059 / 16-18	GP01-059/16-18/020304	2/3/2004
QMSD	GP01-062 / 00-02	GP0162-0-2	4/15/1999
QMSD	GP01-066 / 02-04	GP0166-2-4	4/25/1999
QMSD	GP01-073 / 00-02	GP0173-0-2	4/24/1999
QMSD	GP01-077 / 02-04	GP0177-2-4	4/15/1999
QMSD	GP01-085 / 00-1.5	GP0185/0-1.5	2/21/2000
QMSD	GP01-087 / 00-02	GP0187/0-2	5/19/2000
QMSD	GP01-087 / 04-06	GP0187/4-6	5/19/2000
QMSD	GP01-088 / 04-06	GP0188/4-6	5/19/2000
QMSD	GP01-092 / 13.8-14.3 SS	GP0192/13.8-14.3	5/19/2000
QMSD	GP01-094 / 04-06	GP0194/4-6	5/20/2000
QMSD	GP01-094 / 08-10	GP0194/8-10	5/20/2000
QMSD	GP01-097 / 00-02	GP0197/0-2	5/21/2000
QMSD	GP01-097 / 08-10	GP0197/8-10	5/21/2000
QMSD	GP01-098 / 08-10	GP01198/8-10	5/21/2000
QMSD	GP01-106 / 04-06	GP01106/4-6	5/22/2000
QMSD	GP01-117 / 10-12	GP01-117(10-12)/111403	11/14/2003
QMSD	GP01-123 / 14-16	GP01-123(6-8)/112103	11/21/2003
QMSD	GP01-124 / 00-02	GP01-124/00-02/020404	2/4/2004
QMSD	GP01-125 / 00-02	GP01-125/00-02/020404	2/4/2004
QMSD	GP01-143 / 08-10	GP01-143/08-10/012804	1/28/2004
QMSD	GP01-145 / 08-10	GP01-145/08-10/012804	1/28/2004
QMSD	GP01-146 / 02-04	GP01-146/02-04/020404	2/4/2004
QMSD	GP01-146 / 06-08	GP01-146/06-08/020404	2/4/2004
QMSD	GP02-007 / 15-16 SS	GP-0207-15-16SS	12/22/1998
QMSD	GP02-007 / 21 GW	GP-0207-21GW	12/22/1998
QMSD	GP02-032 / 25.2 GW	GP02-32(25.2')/073003	7/30/2003
QMSD	GP02-041 / 19 GW	GP02-41(19')/073103	7/31/2003
QMSD	GP02-048 / 06-10 GW	GP02-48(6-10')/080503	8/5/2003
QMSD	GP02-058 / 13 GW	GP02-58(13')/110503GW	11/5/2003
QMSD	GP02-070 / 19-21	GP02-70(19-21)/111103	11/11/2003
QMSD	GP02-081 / 17.5 GW	GP02-81(17.5)/112103GW	11/21/2003
QMSD	GP02-084 / 18 GW	GP02-84/18/012204/GW	1/22/2004
QMSD	MW01-01	MW1/060500	6/5/2000
QMSD	MW01-02	MW01-02/091103	9/11/2003
QMSD	MW01-02	MW-2/113099	11/30/1999
QMSD	MW01-02CD	MW2CD/060500	6/5/2000
QMSD	MW01-04	MW01-04/021403	2/14/2003
QMSD	MW01-04	MW01-04/091503	9/15/2003
QMSD	MW01-04	MW4/120199	12/1/1999
QMSD	MW01-04CD	MW01-04CD/021803	2/18/2003
QMSD	MW01-04CD	MW01-04CD/021904	2/19/2004
QMSD	MW01-04CD	MW01-04CD/050703	5/7/2003
QMSD	MW01-04SE	MW01-04SE/041404	4/14/2004
QMSD	MW01-05CD	MW-5CD/113099	11/30/1999
QMSD	MW01-06	MW01-06/041304	4/13/2004
QMSD	MW01-06	MW01-06/110603	11/6/2003
QMSD	MW01-06	MW6/051399	5/13/1999
QMSD	MW01-10	MW01-10/021403	2/14/2003
QMSD	MW01-10	MW01-10/091503	9/15/2003
QMSD	MW01-10	MW-10/120199	12/1/1999
QMSD	MW01-10	MW-10-032699	3/26/1999
QMSD	MW01-13	MW-13/042500	4/25/2000
QMSD	MW01-13	MW-13/060801	6/8/2001
QMSD	MW02-01	MW0201/051399	5/13/1999
QMSD	MW02-01	MW-0201/060801	6/8/2001
QMSD	MW02-03	MW203/120199	12/1/1999
QMSD	MW02-03CD	MW02-03CD/022304	2/23/2004
QMSD	MW02-03SE	MW02-03SE/041504	4/15/2004
QMSD	MW02-05	MW02-05/021903	2/19/2003

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TABLE 7: Quality Control Sample Summary

QA/QC Sample Type	General ID	Field ID	Sample Date
QMSD	MW02-06	MW0206/060700	6/7/2000
QMSD	MW02-08	MW02-08/041504	4/15/2004
QMSD	MW02-08	MW02-08/110403	11/4/2003
QMSD	MW02-11	MW02-11/041604	4/16/2004
QMSD	MW02-13	MW02-13/022404	2/24/2004
QMSD	MW02-13 / 16.5-17.4	MW02-13/16.5-17.4/013004	1/30/2004
QMSD	MW02-15 / 09-10	MW02-15/09-10/020504	2/5/2004
QMSD	MW02-18CD/06-16	MW02-18CD/06-16/022504	2/25/2004
QMSD	RW01-01	RW-1/120199	12/1/1999
QMSD	RW01-02	RW-2-5	4/22/1999
QMSD	RW01-03	RW-3-1	4/20/1999
QMSD	RW01-03	RW-3-4	4/21/1999
QMSD	RW01-04	RW-4-5	4/22/1999
QMSD	RW01-04	RW-4-7	4/27/1999
QMSD	RW01-04	RW-4-9	5/11/1999
QMSD	RW01-04 / 06-08	RW-4 (6-8)	1/27/1999
QMSD	RW01-05	RW01-05/091503	9/15/2003
QMSD	RW01-05	RW-5-10	5/20/1999
QMSD	RW01-05	RW-5-6	4/23/1999
QMSD	RW01-05	RW-5-8	5/4/1999
QMSD	RW01-06 / 06-08	RW-6 (6-8)	1/29/1999
QMSD	SED02-01	SED0201/060701	6/7/2001
QMSD	SED02-05	SED-0205/111901	11/19/2001
QMSD	SED02-06	SED-0206/110200	11/2/2000
QMSD	SEPTIC TANK NW	SEPTIC TANK NW/081000	8/10/2000
QMSD	ST01-04	ST0104/030499	3/4/1999
QMSD	ST01-07	ST0107/030499	3/4/1999
QMSD	ST02-03	SS1-011399	1/13/1999
QMSD	STW01-02	STW-2/021700	2/17/2000
QMSD	WW02-825 Dayton St / spigot post tank / P	WELL/825 DAYTONB/040504	4/5/2004
QMSD	WW02-860 Dayton St South / water well / P	860 DAYTON ST.(A)/060800	6/8/2000
QRIN	EQUIPMENT RINSATE	EQUIPRINS 12/22/98	12/22/1998
QRIN	EQUIPMENT RINSATE	EQUIPRINS-12/17/98	12/17/1998
QRIN	EQUIPMENT RINSATE	EQUIPRINSE-032699	3/26/1999
QRIN	EQUIPMENT RINSATE	EQUIPRINSE-041399	4/13/1999
QRIN	EQUIPMENT RINSATE	EQUIPRINSE-041599	4/15/1999
QRIN	EQUIPMENT RINSATE	RIN 01/021904	2/19/2004
QRIN	EQUIPMENT RINSATE	RIN 04/021803	2/18/2003
QRIN	EQUIPMENT RINSATE	RIN-001/012604	1/26/2004
QRIN	EQUIPMENT RINSATE	RIN-002	1/28/2004
QRIN	EQUIPMENT RINSATE	RIN-003/020204	2/2/2004
QRIN	EQUIPMENT RINSATE	RIN-004/020404	2/4/2004
QRIN	EQUIPMENT RINSATE	RIN-005/020404	2/4/2004
QRIN	EQUIPMENT RINSATE	RIN-006/021104	2/11/2004
QRIN	EQUIPMENT RINSATE	RIN01/021203	2/12/2003
QRIN	EQUIPMENT RINSATE	RIN01/041404	4/14/2004
QRIN	EQUIPMENT RINSATE	RIN01/050603	5/6/2003
QRIN	EQUIPMENT RINSATE	RIN01/091003	9/10/2003
QRIN	EQUIPMENT RINSATE	RIN01/110503	11/5/2003
QRIN	EQUIPMENT RINSATE	RIN-01/110503	11/5/2003
QRIN	EQUIPMENT RINSATE	RIN01-02/080503	8/5/2003
QRIN	EQUIPMENT RINSATE	RIN02/021303	2/13/2003
QRIN	EQUIPMENT RINSATE	RIN02/022304	2/23/2004
QRIN	EQUIPMENT RINSATE	RIN-02/041504	4/15/2004
QRIN	EQUIPMENT RINSATE	RIN02/050703	5/7/2003
QRIN	EQUIPMENT RINSATE	RIN02/091103	9/11/2003
QRIN	EQUIPMENT RINSATE	RIN02/110603	11/6/2003
QRIN	EQUIPMENT RINSATE	RIN-02/111303	11/13/2003
QRIN	EQUIPMENT RINSATE	RIN02-01/073103	7/31/2003
QRIN	EQUIPMENT RINSATE	RIN03/021403	2/14/2003
QRIN	EQUIPMENT RINSATE	RIN03/022404	2/24/2004
QRIN	EQUIPMENT RINSATE	RIN-03/041604	4/16/2004
QRIN	EQUIPMENT RINSATE	RIN03/050803	5/8/2003
QRIN	EQUIPMENT RINSATE	RIN03/091203	9/12/2003
QRIN	EQUIPMENT RINSATE	RIN-03/111403	11/14/2003
QRIN	EQUIPMENT RINSATE	RIN04/091503	9/15/2003
QRIN	EQUIPMENT RINSATE	RIN-04/112503	11/25/2003
QRIN	EQUIPMENT RINSATE	RIN05/021903	2/19/2003
QRIN	EQUIPMENT RINSATE	RIN-05/112103	11/21/2003
QRIN	EQUIPMENT RINSATE	RIN1/060600	6/6/2000
QRIN	EQUIPMENT RINSATE	RIN-1/120199	12/1/1999
QRIN	EQUIPMENT RINSATE	RIN-110598	11/5/1998
QRIN	EQUIPMENT RINSATE	RIN2/060600	6/6/2000

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TABLE 7: Quality Control Sample Summary

QA/QC Sample Type	General ID	Field ID	Sample Date
QRIN	EQUIPMENT RINSATE	RIN-2/120199	12/1/1999
QRIN	EQUIPMENT RINSATE	RINS01/033004	3/30/2004
QRIN	EQUIPMENT RINSATE	RINS02/033104	3/31/2004
QRIN	EQUIPMENT RINSATE	RINS03/033104	3/31/2004
QRIN	EQUIPMENT RINSATE	RINSATE	7/28/2000
QRIN	EQUIPMENT RINSATE	RINSATE #2/051399	5/13/1999
QRIN	EQUIPMENT RINSATE	RINSATE 01/060801	6/8/2001
QRIN	EQUIPMENT RINSATE	RINSATE 01/110200	11/2/2000
QRIN	EQUIPMENT RINSATE	RINSATE 02/110200	11/2/2000
QRIN	EQUIPMENT RINSATE	RINSATE/060801	6/8/2001
QRIN	EQUIPMENT RINSATE	RINSATE/111901	11/19/2001
QRIN	EQUIPMENT RINSATE	RINSATE-042499	4/24/1999
QRIN	EQUIPMENT RINSATE	RINSEATE #1/051299	5/12/1999
QTB	TRIP BLANK	TB 03/021904	2/19/2004
QTB	TRIP BLANK	TB/113099	11/30/1999
QTB	TRIP BLANK	TB/120199	12/1/1999
QTB	TRIP BLANK	TB-001/012104	1/21/2004
QTB	TRIP BLANK	TB-002/012204	1/22/2004
QTB	TRIP BLANK	TB-003/012304	1/23/2004
QTB	TRIP BLANK	TB-004/012604	1/26/2004
QTB	TRIP BLANK	TB-005/012704	1/27/2004
QTB	TRIP BLANK	TB-006/012804	1/28/2004
QTB	TRIP BLANK	TB-007/012904	1/29/2004
QTB	TRIP BLANK	TB-008/020204	2/2/2004
QTB	TRIP BLANK	TB-009/020304	2/3/2004
QTB	TRIP BLANK	TB01/021203	2/12/2003
QTB	TRIP BLANK	TB01/021704	2/17/2004
QTB	TRIP BLANK	TB01/041204	4/12/2004
QTB	TRIP BLANK	TB01/041703	4/17/2003
QTB	TRIP BLANK	TB01/050603	5/6/2003
QTB	TRIP BLANK	TB-01/072903	7/29/2003
QTB	TRIP BLANK	TB01/091003	9/10/2003
QTB	TRIP BLANK	TB01/110303	11/3/2003
QTB	TRIP BLANK	TB-01/110503	11/5/2003
QTB	TRIP BLANK	TB-010/020404	2/4/2004
QTB	TRIP BLANK	TB-011/020504	2/5/2004
QTB	TRIP BLANK	TB-013/021104	2/11/2004
QTB	TRIP BLANK	TB02/021303	2/13/2003
QTB	TRIP BLANK	TB02/021804	2/18/2004
QTB	TRIP BLANK	TB02/041304	4/13/2004
QTB	TRIP BLANK	TB02/050703	5/7/2003
QTB	TRIP BLANK	TB-02/073003	7/30/2003
QTB	TRIP BLANK	TB02/091103	9/11/2003
QTB	TRIP BLANK	TB02/110403	11/4/2003
QTB	TRIP BLANK	TB-02/110603	11/6/2003
QTB	TRIP BLANK	TB03/021403	2/14/2003
QTB	TRIP BLANK	TB-03/041404	4/14/2004
QTB	TRIP BLANK	TB03/050803	5/8/2003
QTB	TRIP BLANK	TB-03/073103	7/31/2003
QTB	TRIP BLANK	TB03/091203	9/12/2003
QTB	TRIP BLANK	TB03/110503	11/5/2003
QTB	TRIP BLANK	TB-03/110703	11/7/2003
QTB	TRIP BLANK	TB04/021803	2/18/2003
QTB	TRIP BLANK	TB04/022004	2/20/2004
QTB	TRIP BLANK	TB-04/041504	4/15/2004
QTB	TRIP BLANK	TB-04/080103	8/1/2003
QTB	TRIP BLANK	TB04/091503	9/15/2003
QTB	TRIP BLANK	TB-04/111003	11/10/2003
QTB	TRIP BLANK	TB05/021903	2/19/2003
QTB	TRIP BLANK	TB05/022304	2/23/2004
QTB	TRIP BLANK	TB-05/041604	4/16/2004
QTB	TRIP BLANK	TB-05/080503	8/5/2003
QTB	TRIP BLANK	TB05/110703	11/7/2003
QTB	TRIP BLANK	TB-05/111103	11/11/2003
QTB	TRIP BLANK	TB06/022404	2/24/2004
QTB	TRIP BLANK	TB-06/111203	11/12/2003
QTB	TRIP BLANK	TB07/022504	2/25/2004
QTB	TRIP BLANK	TB-07/111303	11/13/2003
QTB	TRIP BLANK	TB-08/111403	11/14/2003
QTB	TRIP BLANK	TB-09/112103	11/21/2003
QTB	TRIP BLANK	TB-10/112103	11/21/2003
QTB	TRIP BLANK	TB-11/112503	11/25/2003
QTB	TRIP BLANK	TB-110598	11/5/1998

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TABLE 7: Quality Control Sample Summary

QA/QC Sample Type	General ID	Field ID	Sample Date
QTB	TRIP BLANK	TRIP BLANK	3/26/1999
QTB	TRIP BLANK	TRIP BLANK	4/13/1999
QTB	TRIP BLANK	TRIP BLANK	4/15/1999
QTB	TRIP BLANK	TRIP BLANK	6/5/2000
QTB	TRIP BLANK	TRIP BLANK	6/6/2000
QTB	TRIP BLANK	TRIP BLANK	6/7/2000
QTB	TRIP BLANK	TRIP BLANK	7/28/2000
QTB	TRIP BLANK	TRIP BLANK	10/15/2003
QTB	TRIP BLANK	TRIP BLANK	11/6/2003
QTB	TRIP BLANK	TRIP BLANK	3/5/2004
QTB	TRIP BLANK	TRIP BLANK	3/30/2004
QTB	TRIP BLANK	TRIP BLANK	3/31/2004
QTB	TRIP BLANK	TRIP BLANK	4/5/2004
QTB	TRIP BLANK	TRIP BLANK 1	4/6/2000
QTB	TRIP BLANK	TRIP BLANK/060701	6/7/2001
QTB	TRIP BLANK	TRIP BLANK/060801	6/8/2001
QTB	TRIP BLANK	TRIP BLANK/111901	11/19/2001

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TABLE 8: Analytical Support Levels

Support Level	Description	Data Analyses
I	Qualitative Field Analysis: This level is characterized by the use of portable instruments or other equipment that can provide real-time qualitative data to assist in the optimization of sampling point locations and in providing health and safety support.	• Field headspace organic vapor analyses. • Field ground water parameter measurements. • Ground water elevation measurements. • Pumping tests.
II	Qualitative and Semi-Qualitative: This level may include the use of more sophisticated screening techniques, such as portable analytical instruments. Depending upon the types of contaminants, sample matrix, and QC checks applied, qualitative and quantitative data can be obtained.	• Ground water samples collected from Geoprobe soil borings or temporary wells.
III	Quantitative with Fully Defined QA/QC: Laboratory analyses generated with full QA/QC checks of types and frequencies typically specified for ASL IV. The data package does not contain raw instrument output, but does include summaries of QA/QC sample results. Laboratories are required to retain, in the project file, raw instrument data to upgrade ASL III reports to ASL IV when needed. ASL III data was used to characterize of contaminant nature, extent, fate and migration, and risk.	• Soil, surface water, air, and sediment sampling results. • Ground water sampling results from monitoring wells.
IV	Conformational with Complete QA/QC and Reporting: Provides data generated with a full complement of QA/QC checks of specified types and frequencies according to specified analytical protocols for the chemical parameters. The data package includes raw instrument output for validation. These data may be used to confirm data gathered at ASLs II and III, and when full validation of raw data is required.	• All chemical laboratory analyses during the RFI were conducted using ASL IV.
V	Non-Standard: Analyses by non-standard protocols that often require method development or validation (e.g. when extracting detection limits or analysis of an unusual chemical compound is required). New methods may be developed for ASL V data to allow for parameters or matrices that cannot be analyzed by existing standard methods.	• Geotechnical data.

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TABLE 9: List of Data Validation Qualifiers

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

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

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TABLE 10: Well Construction Data

Location ID	Location	Well Type	Start Date	Completion Date	Well Development Date	Drilling Firm	Drilling Method	Surface (ft. msl)	Top of Casing (ft. msl)	Top of Screen (ft. bgs)	Midpoint of Screen (ft. bgs)	Base of Screen (ft. bgs)	Borehole Depth (ft. bgs)	Well Casing Diameter (inches)	Well Screen Material
BSB01-01	Vernay Plant 2/3 Facility	Cedarville Aquifer Temporary Borehole	10/26/1998	10/29/1998		BM	HSA/AR	1029.37	1028.88	20.00	25.00	30.00	30.00	2.00	PVC
CW01-01	Vernay Plant 2/3 Facility	Cedarville Aquifer Extraction Well	10/6/1999	10/8/1999	10/18/1999	BM	RS	1025.82	1025.13	22.00	43.00	57.00	58.00	6.00	SS
CW01-02	Vernay Plant 2/3 Facility	Cedarville Aquifer Extraction Well	1/6/2003	1/13/2003	1/14/2003	BM	AR	1022.66	1022.29	30.00	65.00	100.00	104.00	6.00	SS
MW01-01	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	11/2/1998	11/2/1998	11/3/1998	BM	HSA	1025.24	1024.97	12.70	16.00	19.50	20.00	2.00	PVC
MW01-02	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	10/30/1998	10/30/1998	11/2/1998	BM	HSA	1027.13	1026.95	12.60	15.30	18.00	18.50	2.00	PVC
MW01-02CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	4/23/1999	4/26/1999	5/4/1999	BM	HSA/AR	1027.23	1027.07	35.00	42.50	50.00	59.00	2.00	PVC
MW01-02SE	Vernay Plant 2/3 Facility	Lower Cedarville Aquifer Monitoring Well	4/20/1999	4/26/1999	5/4/1999	BM	HSA/AR	1029.25	1029.09	85.00	90.00	95.00	125.00	2.00	PVC
MW01-03	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	10/27/1998	10/27/1998	10/28/1998	BM	HSA	1025.81	1025.41	8.70	11.70	14.70	16.00	2.00	PVC
MW01-03CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	4/27/1999	4/29/1999	5/5/1999	BM	HSA/AR	1025.70	1025.33	38.00	45.50	53.00	54.00	2.00	PVC
MW01-04	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	10/28/1998	10/28/1998	10/29/1998	BM	HSA	1027.26	1026.98	15.40	19.25	22.90	23.50	2.00	PVC
MW01-04CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	4/28/1999	4/29/1999	5/5/1999	BM	HSA/AR	1027.30	1027.04	38.00	45.50	53.00	54.00	2.00	PVC
MW01-04SE	Vernay Plant 2/3 Facility	Lower Cedarville Aquifer Monitoring Well	2/15/2004	2/19/2004	2/19/2004	BM	RS	1026.95	1026.64	88.00	93.00	98.00	101.00	2.00	PVC
MW01-05	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	11/2/1998	11/2/1998	11/3/1998	BM	HSA	1026.74	1026.52	17.20	21.00	24.80	25.00	2.00	PVC
MW01-05CD	Vernay Plant 2/3 Facility	Middle Cedarville Aquifer Monitoring Well	5/3/1999	5/4/1999	5/7/1999	BM	HSA/AR	1023.60	1023.40	39.00	46.50	54.00	60.90	2.00	PVC
MW01-06	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	11/3/1998	11/3/1998	11/4/1998	BM	HSA	1026.33	1026.04	12.50	15.38	18.20	18.20	2.00	PVC
MW01-07	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1/19/1999	1/19/1999	2/4/1999	BM	HSA	1030.50	1030.07	10.50	15.00	19.50	20.00	2.00	PVC
MW01-08	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1/19/1999	1/19/1999	1/22/1999	BM	HSA	1031.50	1031.27	14.00	16.50	19.00	19.00	2.00	PVC
MW01-09	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1/20/1999	1/20/1999	2/3/1999	BM	HSA	1022.50	1022.25	14.00	17.75	22.00	22.00	2.00	PVC
MW01-10	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	3/18/1999	3/18/1999	3/23/1999	BM	HSA	1026.44	1025.69	16.50	19.00	21.50	22.00	2.00	PVC
MW01-11	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	1/29/1999	1/29/1999	2/2/1999	BM	HSA	1025.90	1025.57	12.50	15.00	17.50	17.50	2.00	PVC
MW01-12	Vernay Plant 2/3 Facility	Sanitary Sewer Backfill Monitoring Well	10/5/1999	10/5/1999	10/5/1999	BM	HSA	1025.27	1024.76	3.00	5.50	8.00	8.00	2.00	PVC
MW01-13	Vernay Plant 2/3 Facility	Storm Sewer Backfill Monitoring Well	10/5/1999	10/5/1999	10/5/1999	BM	HSA	1023.35	1022.96	6.00	8.50	11.00	12.00	2.00	PVC
MW01-14	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Monitoring Well	2/18/2000	2/18/2000	2/18/2000	BM	HSA	1026.25	1025.70	15.00	17.50	20.00	20.00	2.00	PVC
MW02-01	Omar Cirlce	Upper Cedarville Aquifer Monitoring Well	3/10/1999	3/10/1999	3/23/1999	BM	HSA	1025.37	1024.95	11.00	13.50	16.00	16.00	2.00	PVC
MW02-02	Omar Cirlce	Upper Cedarville Aquifer Monitoring Well	3/10/1999	3/10/1999	3/22/1999	BM	HSA	1029.69	1029.37	16.50	19.00	21.50	21.50	2.00	PVC
MW02-03	Omar Cirlce	Upper Cedarville Aquifer Monitoring Well	3/11/1999	3/11/1999	3/22/1999	BM	HSA	1032.04	1031.76	17.00	19.50	22.00	22.00	2.00	PVC
MW02-03CD	Omar Cirlce	Middle Cedarville Aquifer Monitoring Well	1/28/2004	1/29/2004	2/3/2004	BM	RS	1032.14	1031.80	59.50	64.50	69.50	69.50	2.00	PVC
MW02-03SE	Omar Cirlce	Lower Cedarville Aquifer Monitoring Well	8/21/2003	8/25/2003	8/29/2003	BM	RS	1032.12	1031.75	100.00	105.00	110.00	115.00	2.00	PVC
MW02-04	Wright Street	Upper Cedarville Aquifer Monitoring Well	3/17/1999	3/17/1999	3/23/1999	BM	HSA	1026.29	1025.95	11.00	13.50	16.00	16.00	2.00	PVC
MW02-04CD	Wright Street	Middle Cedarville Aquifer Monitoring Well	2/19/2004	2/20/2004	2/20/2004	BM	RS	1027.35	1027.01	50.00	55.00	60.00	60.00	2.00	PVC
MW02-05	Wright Street	Upper Cedarville Aquifer Monitoring Well	3/17/1999	3/17/1999	3/23/1999	BM	HSA	1026.05	1025.76	13.50	16.00	18.50	18.50	2.00	PVC
MW02-05CD	Wright Street	Middle Cedarville Aquifer Monitoring Well	2/13/2004	2/16/2004	2/19/2004	BM	RS	1025.91	1025.43	48.50	53.50	58.50	58.50	2.00	PVC
MW02-06	Wright Street	Upper Cedarville Aquifer Monitoring Well	3/16/1999	3/16/1999	3/23/1999	BM	HSA	1022.16	1021.89	10.00	12.50	15.00	15.50	2.00	PVC
MW02-06CD	Wright Street	Middle Cedarville Aquifer Monitoring Well	1/26/2004	1/28/2004	2/4/2004	BM	RS	1021.86	1021.61	48.50	53.50	58.50	100.00	2.00	PVC
MW02-07	Wright Street	Upper Cedarville Aquifer Monitoring Well	3/16/1999	3/16/1999	3/23/1999	BM	HSA	1019.10	1018.82	9.20	11.70	14.20	14.20	2.00	PVC
MW02-08	825 Dayton Street	Upper Cedarville Aquifer Monitoring Well	8/28/2003	8/28/2003	8/29/2003	BM	RS	1025.80	1028.54	15.00	20.00	25.00	25.00	2.00	PVC
MW02-08CD	825 Dayton Street	Middle Cedarville Aquifer Monitoring Well	8/28/2003	8/28/2003	8/29/2003	BM	RS	1025.42	1028.17	53.50	58.50	63.50	63.50	2.00	PVC
MW02-08SE	825 Dayton Street	Lower Cedarville Aquifer Monitoring Well	8/26/2003	8/27/2003	8/29/2003	BM	RS	1025.61	1028.46	92.00	97.00	102.00	110.00	2.00	PVC
MW02-09	Suncrest Drive	Upper Cedarville Aquifer Monitoring Well	9/2/2003	9/2/2003	9/3/2003	BM	RS	1019.10	1018.77	12.00	17.00	22.00	22.00	2.00	PVC
MW02-10	Green Street	Upper Cedarville Aquifer Monitoring Well	9/2/2003	9/2/2003	9/3/2003	BM	RS	1018.14	1017.80	12.00	17.00	22.00	22.00	2.00	PVC
MW02-10CD	Green Street	Middle Cedarville Aquifer Monitoring Well	2/11/2004	2/12/2004	2/13/2004	BM	RS	1018.29	1018.10	44.00	49.00	54.00	54.00	2.00	PVC
MW02-11	825 Dayton Street	Upper Cedarville Aquifer Monitoring Well	9/5/2003	9/5/2003	9/8/2003	BM	RS	1025.70	1027.84	18.00	23.00	28.00	28.00	2.00	PVC
MW02-11SE	825 Dayton Street	Lower Cedarville Aquifer Monitoring Well	9/4/2003	9/5/2003	9/8/2003	BM	RS	1025.50	1027.67	94.00	99.00	104.00	110.00	2.00	PVC
MW02-12	Dayton Street	Storm Sewer Backfill Monitoring Well	9/11/2003	9/11/2003	9/12/2003	BM	HSA	1020.22	1019.89	5.00	7.50	10.00	10.00	2.00	PVC

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TABLE 10: Well Construction Data

Location ID	Location	Well Type	Start Date	Completion Date	Well Development Date	Drilling Firm	Drilling Method	Surface (ft. msl)	Top of Casing (ft. msl)	Top of Screen (ft. bgs)	Midpoint of Screen (ft. bgs)	Base of Screen (ft. bgs)	Borehole Depth (ft. bgs)	Well Casing Diameter (inches)	Well Screen Material
MW02-13	Omar Cirlce	Upper Cedarville Aquifer Monitoring Well	1/30/2004	1/30/2004	2/3/2004	BM	RS	1032.70	1032.34	20.00	25.00	30.00	30.00	2.00	PVC
MW02-14	WS College Street	Upper Cedarville Aquifer Monitoring Well	2/4/2004	2/4/2004	2/6/2004	BM	RS	1029.41	1029.13	14.00	19.00	24.00	24.00	2.00	PVC
MW02-14CD	WS College Street	Middle Cedarville Aquifer Monitoring Well	2/2/2004	2/4/2004	2/6/2004	BM	RS	1029.46	1029.08	54.00	59.00	64.00	110.00	2.00	PVC
MW02-15	Green Street	Upper Cedarville Aquifer Monitoring Well	2/5/2004	2/5/2004	2/6/2004	BM	RS	1016.90	1016.58	12.00	17.00	22.00	22.00	2.00	PVC
MW02-15CD	Green Street	Middle Cedarville Aquifer Monitoring Well	2/9/2004	2/11/2004	2/12/2004	BM	RS	1016.77	1016.25	44.00	49.00	54.00	90.00	2.00	PVC
MW02-16	WN College Street	Upper Cedarville Aquifer Monitoring Well	2/18/2004	2/18/2004	2/19/2004	BM	RS	1022.22	1021.97	8.00	13.00	18.00	18.00	2.00	PVC
MW02-16CD	WN College Street	Middle Cedarville Aquifer Monitoring Well	2/16/2004	2/18/2004	2/19/2004	BM	RS	1021.93	1021.77	44.00	49.00	54.00	100.00	2.00	PVC
MW02-17	825 Dayton Street	Upper Cedarville Aquifer Monitoring Well	2/24/2004	2/24/2004	2/27/2004	BM	RS	1026.12	1025.74	24.00	29.00	34.00	34.00	2.00	PVC
MW02-17CD	825 Dayton Street	Middle Cedarville Aquifer Monitoring Well	2/23/2004	2/24/2004	2/27/2004	BM	RS	1026.35	1025.89	59.50	54.50	69.50	69.50	2.00	PVC
MW02-18	Omar Cirlce	Upper Cedarville Aquifer Monitoring Well	2/26/2004	2/26/2004	2/27/2004	BM	RS	1033.73	1033.50	18.50	23.50	28.50	28.50	2.00	PVC
MW02-18CD	Omar Cirlce	Middle Cedarville Aquifer Monitoring Well	2/25/2004	2/26/2004	3/1/2004	BM	RS	1033.60	1033.42	56.00	61.00	66.00	110.00	2.00	PVC
RW01-01	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Remediation Injection Well	1/27/1999	1/27/1999	2/1/1999	BM	HSA	1025.50	1025.27	13.50	16.00	18.50	18.50	4.00	SS
RW01-02	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Remediation Observation Well	1/26/1999	1/26/1999	2/1/1999	BM	HSA	1025.60	1025.11	14.00	16.50	19.00	19.00	2.00	PVC
RW01-03	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Remediation Observation Well	1/26/1999	1/26/1999	2/2/1999	BM	HSA	1025.40	1024.96	13.00	15.50	18.00	18.00	2.00	PVC
RW01-04	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Remediation Observation Well	1/27/1999	1/27/1999	2/2/1999	BM	HSA	1025.70	1025.36	12.50	15.00	17.50	17.50	2.00	PVC
RW01-05	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Remediation Observation Well	1/28/1999	1/28/1999	2/4/1999	BM	HSA	1027.50	1027.04	14.50	17.00	19.50	19.50	2.00	PVC
RW01-06	Vernay Plant 2/3 Facility	Upper Cedarville Aquifer Remediation Observation Well	1/29/1999	1/29/1999	2/2/1999	BM	HSA	1025.90	1025.57	12.50	15.00	17.50	17.50	2.00	PVC
STW01-01	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	2/15/2000	2/15/2000		AST	HSA	1022.39	1022.34	5.50	8.00	10.50	10.50	2.00	PVC
STW01-02	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	2/15/2000	2/15/2000		AST	HSA	1023.53	1023.36	5.50	8.00	10.50	10.50	2.00	PVC
STW01-03	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	2/15/2000	2/15/2000		AST	HSA	1024.05	1023.89	5.00	7.50	10.00	10.00	2.00	PVC
STW01-04	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	2/15/2000	2/15/2000		AST	HSA	1024.87	1024.54	5.00	7.50	10.00	10.00	2.00	PVC
STW01-05	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	2/14/2000	2/14/2000		AST	HSA	1024.88	1024.78	4.00	6.50	9.00	9.00	2.00	PVC
STW01-06	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	2/14/2000	2/14/2000		AST	HSA	1026.28	1026.42	6.00	8.50	11.00	11.00	2.00	PVC
STW01-07	Vernay Plant 2/3 Facility	Storm Sewer Backfill Remediation Injection Well	2/14/2000	2/14/2000		AST	HSA	1026.63	1026.40	6.00	8.50	11.00	12.00	2.00	PVC
WW01-Vernay Plant 2	Vernay Plant 2/3 Facility	Upper/Middle Cedarville Aquifer Water Well						1027.70	1027.37				33.70	6.00	

BM=Bowser-Morner
AST = AST Environmental, Inc.
HSA = Hollow Stem Auger
AR = Air Rotary
RS = Rotosonic
bgs = below ground surface
msl = mean sea level
PVC = Polyvinyl Chloride
SS = Stainless Steel

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 11: Site Geologic Model Data

Location ID	Surface	Cedarville Formation		Springfield Formation		Euphemia Formation		Massie Formation		Laurel Formation		Osgood Formation	
	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)
Average Topography	1025.02	17.49	1008.21	82.90	942.31	90.90	935.07	98.39	927.58	105.50	921.38	104.50	924.75
Average Thickness		65.90		7.24		7.49		6.20					
AIR-0107	1028.90												
AIR-0108	1028.90												
AIR-0109	1028.87												
AIR-0110	1028.87												
AIR-0111	1027.63												
AIR-0112	1027.63												
AIR-0113	1027.66												
AIR-0114	1027.66												
B01-01	1026.22	18.00	1008.22										
B01-02	1027.39	19.20	1008.19										
B01-03	1026.30	16.00	1010.30										
B01-04	1024.66	17.00	1007.66										
B01-05	1025.97	16.00	1009.97										
B01-06	1025.46												
B01-07	1026.66	16.00	1010.66										
B01-08	1031.24	19.50	1011.74										
B01-09	1026.34	16.00	1010.34										
B01-10	1025.03	17.00	1008.03										
bldg.#2-1016	1025.86												
bldg.#2-1048	1026.05												
bldg.#2-1049	1026.57												
bldg.#2-1058	1027.52												
bldg.#2-1059	1026.71												
bldg.#3-1017	1024.29												
bldg.#3-1026	1028.22												
bldg.#3-1028	1025.49												
bldg.#3-1032	1028.21												
bldg.#3-1033	1028.22												
bldg.#3-1035	1027.04												
bldg.#3-1036	1026.79												
bldg.#3-1044	1027.93												
bldg.#3-1045	1026.80												
CW01-01	1025.82	16.20	1009.62										
CW01-02	1022.66	16.00	1006.66	84.00	938.66	90.50	932.16	98.80	923.86				

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TABLE 11: Site Geologic Model Data

Location ID	Surface	Cedarville Formation		Springfield Formation		Euphemia Formation		Massie Formation		Laurel Formation		Osgood Formation	
	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)
GP01-001	1024.87	14.00	1010.87										
GP01-002	1024.89	14.50	1010.39										
GP01-003	1025.49	15.10	1010.39										
GP01-004	1025.96	15.50	1010.46										
GP01-005	1025.60	16.70	1008.90										
GP01-006	1025.56	16.80	1008.76										
GP01-007	1025.84	16.00	1009.84										
GP01-008	1027.12	15.30	1011.82										
GP01-009	1025.99	16.00	1009.99										
GP01-010	1025.32	13.20	1012.12										
GP01-011	1026.03	13.90	1012.13										
GP01-012	1026.28	13.90	1012.38										
GP01-013	1025.70	13.60	1012.10										
GP01-014	1023.19	14.70	1008.49										
GP01-015	1027.73	12.60	1015.13										
GP01-016	1024.34	20.50	1003.84										
GP01-017	1025.74	17.50	1008.24										
GP01-018	1025.46	17.20	1008.26										
GP01-019	1025.39	15.50	1009.89										
GP01-020	1025.16	16.50	1008.66										
GP01-021	1024.90	16.00	1008.90										
GP01-022	1024.66	14.50	1010.16										
GP01-023	1024.19	14.80	1009.39										
GP01-024	1025.82	14.50	1011.32										
GP01-025	1026.74	15.20	1011.54										
GP01-026	1026.75	15.00	1011.75										
GP01-027	1026.68	17.20	1009.48										
GP01-028	1026.33	13.10	1013.23										
GP01-029	1025.04	14.50	1010.54										
GP01-030	1025.36	15.10	1010.26										
GP01-031	1025.88	14.40	1011.48										
GP01-032	1025.74	22.20	1003.54										
GP01-033	1026.80	22.20	1004.60										
GP01-034	1026.06	18.70	1007.36										
GP01-035	1025.87	20.20	1005.67										
GP01-036	1024.28	21.00	1003.28										
GP01-037	1023.54	20.40	1003.14										
GP01-038	1022.87	20.20	1002.67										
GP01-039	1026.25	14.20	1012.05										
GP01-040	1025.70	16.30	1009.40										
GP01-041	1030.40												
GP01-042	1029.40												

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TABLE 11: Site Geologic Model Data

Location ID	Surface	Cedarville Formation		Springfield Formation		Euphemia Formation		Massie Formation		Laurel Formation		Osgood Formation	
	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)
GP01-043	1028.40												
GP01-044	1031.70												
GP01-045	1031.40												
GP01-046	1031.30												
GP01-047	1030.30												
GP01-048	1025.80	19.00	1006.80										
GP01-049	1025.60	17.50	1008.10										
GP01-050	1025.80	18.00	1007.80										
GP01-051	1026.00	16.90	1009.10										
GP01-052	1025.72	16.60	1009.12										
GP01-053	1026.86	15.20	1011.66										
GP01-054	1025.90	13.10	1012.80										
GP01-055	1025.10												
GP01-056	1026.80												
GP01-056A	1026.80	19.60	1007.20										
GP01-057	1026.70	19.60	1007.10										
GP01-058	1026.60	18.20	1008.40										
GP01-059	1025.70	17.60	1008.10										
GP01-060	1025.10												
GP01-061	1025.00												
GP01-062	1025.30												
GP01-063	1024.50	12.70	1011.80										
GP01-064	1028.90	23.40	1005.50										
GP01-065	1028.90	22.70	1006.20										
GP01-066	1028.90												
GP01-067	1028.90	22.50	1006.40										
GP01-068	1028.90	24.00	1004.90										
GP01-069	1028.90												
GP01-070	1028.90	22.80	1006.10										
GP01-071	1028.90	20.00	1008.90										
GP01-072	1028.90	18.00	1010.90										
GP01-073	1028.90	20.20	1008.70										
GP01-074	1028.90	21.40	1007.50										
GP01-076	1028.20												
GP01-077	1028.20												
GP01-078	1028.20												
GP01-079	1025.93												
GP01-080	1025.10	14.40	1010.70										
GP01-081	1025.10	16.50	1008.60										
GP01-082	1026.84	20.50	1006.34										
GP01-083	1026.42	19.50	1006.92										
GP01-084	1026.60	17.00	1009.60										

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TABLE 11: Site Geologic Model Data

Location ID	Surface	Cedarville Formation		Springfield Formation		Euphemia Formation		Massie Formation		Laurel Formation		Osgood Formation	
	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)
GP01-085	1026.60												
GP01-086	1026.60												
GP01-087	1025.68	16.50	1009.18										
GP01-088	1025.77	16.50	1009.27										
GP01-089	1025.82	15.50	1010.32										
GP01-090	1026.94	16.50	1010.44										
GP01-091	1026.90	17.00	1009.90										
GP01-092	1026.35	16.00	1010.35										
GP01-093	1025.05	14.00	1011.05										
GP01-094	1028.90	20.60	1008.30										
GP01-095	1028.90	18.50	1010.40										
GP01-096	1028.90	21.80	1007.10										
GP01-097	1028.90	21.50	1007.40										
GP01-098	1028.90	25.30	1003.60										
GP01-099	1028.90	21.60	1007.30										
GP01-100	1028.90	17.00	1011.90										
GP01-101	1028.90	18.00	1010.90										
GP01-102	1028.90	18.50	1010.40										
GP01-103	1028.90	18.00	1010.90										
GP01-104	1028.90	18.40	1010.50										
GP01-105	1026.29	17.50	1008.79										
GP01-106	1027.42	14.00	1013.42										
GP01-107	1024.55	16.50	1008.05										
GP01-108	1023.11	14.20	1008.91										
GP01-109	1025.50												
GP01-110	1024.60												
GP01-111	1023.50												
GP01-112	1027.70	16.50	1011.20										
GP01-113	1028.30	18.00	1010.30										
GP01-114	1027.70	17.00	1010.70										
GP01-115	1027.60	16.50	1011.10										
GP01-116	1025.90	15.50	1010.40										
GP01-117	1025.90	15.00	1010.90										
GP01-118	1030.60	16.00	1014.60										
GP01-119	1031.50	19.50	1012.00										
GP01-120	1030.00	18.50	1011.50										
GP01-121	1028.60	20.50	1008.10										
GP01-122	1028.80	21.50	1007.30										
GP01-123	1028.90	23.00	1005.90										
GP01-124	1023.71	20.00	1003.71										
GP01-125	1024.00	20.00	1004.00										
GP01-126	1025.44	22.00	1003.44										

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TABLE 11: Site Geologic Model Data

Location ID	Surface	Cedarville Formation		Springfield Formation		Euphemia Formation		Massie Formation		Laurel Formation		Osgood Formation	
	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)
GP01-127	1026.78	18.00	1008.78										
GP01-128	1025.83	18.00	1007.83										
GP01-129	1026.38	13.50	1012.88										
GP01-130	1025.78	13.00	1012.78										
GP01-131	1025.07	14.00	1011.07										
GP01-132	1026.22	16.00	1010.22										
GP01-133	1026.37	16.00	1010.37										
GP01-134	1025.38	17.00	1008.38										
GP01-135	1025.97												
GP01-136	1029.71												
GP01-137	1028.04	17.50	1010.54										
GP01-138	1028.85												
GP01-139	1028.86	23.70	1005.16										
GP01-140	1028.76												
GP01-141	1028.88	23.50	1005.38										
GP01-142	1028.85	23.00	1005.85										
GP01-143	1028.85	24.20	1004.65										
GP01-144	1028.94	23.00	1005.94										
GP01-145	1028.90	23.00	1005.90										
GP01-146	1028.57	11.50	1017.07										
GP01-147	1027.91	13.50	1014.41										
GP01-148	1027.55												
GP01-149	1027.68	16.00	1011.68										
GP01-150	1026.01	23.50	1002.51										
GP02-001	1025.23	11.00	1014.23										
GP02-002	1025.29	13.70	1011.59										
GP02-003	1026.05	15.00	1011.05										
GP02-004	1027.99	15.70	1012.29										
GP02-005	1029.65	19.60	1010.05										
GP02-006	1031.27	20.80	1010.47										
GP02-007	1032.78	21.50	1011.28										
GP02-008	1032.52	21.50	1011.02										
GP02-009	1032.08	19.20	1012.88										
GP02-010	1028.14	16.00	1012.14										
GP02-011	1027.01	14.70	1012.31										
GP02-012	1026.29	14.60	1011.69										
GP02-013	1026.22	15.50	1010.72										
GP02-014	1025.98	16.40	1009.58										
GP02-015	1023.78	16.00	1007.78										
GP02-016	1022.16	14.30	1007.86										
GP02-017	1020.17	13.50	1006.67										
GP02-018	1018.93	13.00	1005.93										

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TABLE 11: Site Geologic Model Data

Location ID	Surface	Cedarville Formation		Springfield Formation		Euphemia Formation		Massie Formation		Laurel Formation		Osgood Formation	
	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)
GP02-019	1018.77	14.40	1004.37										
GP02-020	1020.50	13.00	1007.50										
GP02-021	1018.20	13.00	1005.20										
GP02-022	1017.73	11.00	1006.73										
GP02-023	1017.61	11.30	1006.31										
GP02-024	1018.38	11.00	1007.38										
GP02-025	1019.19	12.70	1006.49										
GP02-026	1019.14	13.80	1005.34										
GP02-027	1019.80	14.80	1005.00										
GP02-028	1020.90	13.60	1007.30										
GP02-029	1024.70	16.40	1008.30										
GP02-030	1022.62	12.00	1010.62										
GP02-031	1022.06	11.00	1011.06										
GP02-032	1032.37	24.70	1007.67										
GP02-032A	1032.37	25.20	1007.17										
GP02-033	1028.85	23.50	1005.35										
GP02-033A	1028.85	24.00	1004.85										
GP02-034	1025.69	22.80	1002.89										
GP02-034A	1025.69	23.30	1002.39										
GP02-035	1025.02	19.30	1005.72										
GP02-035A	1025.02	19.80	1005.22										
GP02-036	1025.07	21.00	1004.07										
GP02-037	1025.44	22.00	1003.44										
GP02-038	1024.90	19.50	1005.40										
GP02-039	1023.80	18.20	1005.60										
GP02-040	1025.16	17.30	1007.86										
GP02-041	1028.99	19.00	1009.99										
GP02-042	1016.60												
GP02-043	1017.28												
GP02-044	1018.57												
GP02-045	1020.22												
GP02-046	1021.99												
GP02-047	1021.52												
GP02-048	1022.48												
GP02-049	1023.27												
GP02-050	1022.54												
GP02-051	1023.70												
GP02-052	1024.38												
GP02-053	1022.39	17.00	1005.39										
GP02-054	1023.27	15.80	1007.47										
GP02-055	1032.70	19.00	1013.70										
GP02-056	1019.00	12.75	1006.25										

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TABLE 11: Site Geologic Model Data

Location ID	Surface	Cedarville Formation		Springfield Formation		Euphemia Formation		Massie Formation		Laurel Formation		Osgood Formation	
	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)
GP02-057	1018.90	12.50	1006.40										
GP02-058	1017.00	12.50	1004.50										
GP02-059	1016.70	12.50	1004.20										
GP02-060	1016.40	13.50	1002.90										
GP02-061	1016.60	14.00	1002.60										
GP02-062	1016.40	14.00	1002.40										
GP02-063	1019.40	17.00	1002.40										
GP02-064	1020.60	20.00	1000.60										
GP02-065	1022.10	21.00	1001.10										
GP02-066	1026.20	24.00	1002.20										
GP02-067	1023.00	24.00	999.00										
GP02-068	1023.80	21.00	1002.80										
GP02-069	1024.90	23.50	1001.40										
GP02-070	1020.90	21.20	999.70										
GP02-071	1021.30	21.00	1000.30										
GP02-072	1021.90	20.00	1001.90										
GP02-073	1023.20	24.50	998.70										
GP02-074	1023.80	21.00	1002.80										
GP02-075	1024.70	17.50	1007.20										
GP02-076	1025.30	16.50	1008.80										
GP02-077	1027.20	16.50	1010.70										
GP02-078	1031.50	19.50	1012.00										
GP02-079	1032.50	20.00	1012.50										
GP02-080	1029.80	16.00	1013.80										
GP02-081	1030.70	17.50	1013.20										
GP02-082	1032.60	18.00	1014.60										
GP02-083	1030.70	16.50	1014.20										
GP02-084	1025.81	17.00	1008.81										
GP02-085	1026.50	17.00	1009.50										
GP02-086	1027.46	16.00	1011.46										
GP02-087	1029.25	16.50	1012.75										
GP02-088	1024.80	25.70	999.10										
GP02-089	1025.10	23.50	1001.60										
GP02-090	1024.97	23.50	1001.47										
GP02-091	1023.84	20.70	1003.14										
GP02-092	1025.07	21.50	1003.57										
GP02-093	1025.42	21.50	1003.92										
GP02-094	1033.29	20.50	1012.79										
GP02-095	1033.78	21.50	1012.28										
MW01-01	1025.24	17.00	1008.24										
MW01-02	1027.13	16.00	1011.13										
MW01-02CD	1027.23	15.50	1011.73										

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TABLE 11: Site Geologic Model Data

Location ID	Surface	Cedarville Formation		Springfield Formation		Euphemia Formation		Massie Formation		Laurel Formation		Osgood Formation	
	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)
MW01-02SE	1029.25	18.60	1010.65	80.00	949.25	87.40	941.85	94.00	935.25	100.00	929.25	104.50	924.75
MW01-03	1025.81	12.20	1013.61										
MW01-03CD	1025.70	13.50	1012.20										
MW01-04	1027.26	18.00	1009.26										
MW01-04CD	1027.30	18.00	1009.30										
MW01-04SE	1026.95	16.00	1010.95	82.00	944.95	88.50	938.45	97.00	929.95				
MW01-05	1026.74	22.00	1004.74										
MW01-05CD	1023.60	20.00	1003.60										
MW01-06	1026.33	14.70	1011.63										
MW01-07	1030.50	17.00	1013.50										
MW01-08	1031.50	15.80	1015.70										
MW01-09	1022.50	21.20	1001.30										
MW01-10	1026.44	22.00	1004.44										
MW01-11	1025.90	16.60	1009.30										
MW01-12	1025.27												
MW01-13	1023.35												
MW01-14	1026.25	18.50	1007.75										
MW02-01	1025.37	13.70	1011.67										
MW02-02	1029.69	19.60	1010.09										
MW02-03	1032.04	19.20	1012.84										
MW02-03CD	1032.14												
MW02-03SE	1032.12	20.00	1012.12	96.00	936.12	101.50	930.62	109.00	923.12	114.50	917.62		
MW02-04	1026.29	14.60	1011.69										
MW02-04CD	1027.35												
MW02-05	1026.05	16.40	1009.65										
MW02-05CD	1025.91												
MW02-06	1022.16	14.30	1007.86										
MW02-06CD	1021.86	12.00	1009.86	79.00	942.86	87.00	934.86	95.00	926.86				
MW02-07	1019.10	13.00	1006.10										
MW02-08	1025.80												
MW02-08CD	1025.42												
MW02-08SE	1025.61	17.00	1008.61	87.00	938.61	94.50	931.11	101.00	924.61	107.00	918.61		
MW02-09	1019.10	13.00	1006.10										
MW02-10	1018.14	13.00	1005.14										
MW02-10CD	1018.29												
MW02-11	1025.70												
MW02-11SE	1025.50	21.00	1004.50	87.00	938.50	95.00	930.50	103.00	922.50	109.00	916.50		
MW02-12	1020.22												
MW02-13	1032.70	19.00	1013.70										
MW02-14	1029.41												
MW02-14CD	1029.46	17.00	1012.46	90.00	939.46	97.00	932.46	104.50	924.96				
MW02-15	1016.90												

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TABLE 11: Site Geologic Model Data

Location ID	Surface	Cedarville Formation		Springfield Formation		Euphemia Formation		Massie Formation		Laurel Formation		Osgood Formation	
	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)
MW02-15CD	1016.77	12.00	1004.77	72.00	944.77	79.00	937.77	86.00	930.77				
MW02-16	1022.22												
MW02-16CD	1021.93	11.50	1010.43	72.00	949.93	83.50	938.43	90.50	931.43	97.00	924.93		
MW02-17	1026.12												
MW02-17CD	1026.35	24.00	1002.35										
MW02-18	1033.73												
MW02-18CD	1033.60	21.50	1012.10			96.00	937.60	103.50	930.10				
MW02-860 Dayton Street	1025.50												
RW01-01	1025.50	17.50	1008.00										
RW01-02	1025.60	17.20	1008.40										
RW01-03	1025.40	16.30	1009.10										
RW01-04	1025.70	16.40	1009.30										
RW01-05	1027.50	19.00	1008.50										
RW01-06	1025.90												
SA-01	1024.37												
SA-02	1024.48												
SA-03	1022.75												
SA-04	1025.75												
SA-05	1025.56												
SA-06	1025.40												
SA-07	1025.04												
SED02-01	1006.60												
SED02-02	1005.80												
SED02-03	1003.90												
SED02-04	1003.50												
SED02-05	1003.20												
SED02-06	994.50												
SEPTIC TANK NW	1025.60												
SEPTIC TANK SE	1025.60												
ST01-01	1022.06												
ST01-02	1023.96												
ST01-03	1023.91												
ST01-04	1023.60												
ST01-05	1027.08												
ST01-06	1024.38												
ST01-07	1022.75												
ST02-01	1026.44												
ST02-02	1024.91												
ST02-03	1023.43												
ST02-04	1013.52												
ST02-05	1014.05												
ST02-06	1003.20												

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TABLE 11: Site Geologic Model Data

Location ID	Surface	Cedarville Formation		Springfield Formation		Euphemia Formation		Massie Formation		Laurel Formation		Osgood Formation	
	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)	(ft. bgs)	(ft. msl)
ST02-07	994.50												
ST02-08	1025.68												
ST02-09	1003.90												
STW01-01	1022.39												
STW01-02	1023.53												
STW01-03	1024.05												
STW01-04	1024.87												
STW01-05	1024.88												
STW01-06	1026.28												
STW01-07	1026.63												
SUMP	1026.15												
VSGP-001	1016.40	13.50	1002.90										
VSGP-002	1016.40	13.20	1003.20										
VSGP-003	1016.40	13.00	1003.40										
VSGP-004	1016.60												
VSGP-005	1016.60	13.50	1003.10										
VSGP-006	1016.40												
VSGP-007	1016.60												
VSGP-008	1016.60												
VSGP-009	1016.60	14.50	1002.10										
VSGP-010	1017.28												
VSGP-011	1018.57	15.40	1003.17										
VSGP-012	1020.22												
WW01-Vernay Plant 2	1027.70												
WW02-195 Park Meadows	1016.62	21.00	995.62										
WW02-324 Dayton Street	1038.34												
WW02-420 East Enon	1031.56												
WW02-545 Dayton Street	1016.99												
WW02-550 Green Street	1023.10												
WW02-685 Wright Street	1026.61												
WW02-690 Wright Street	1027.17												
WW02-775 Dayton Street	1023.38												
WW02-780 Dayton Street	1021.20												
WW02-850 Dayton Street	1025.54												
WW02-860 Dayton Street South	1025.75												

The Payne Firm, Inc.

Environmental Consultants

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 12: Summary of Geological Property Laboratory Data

Boring ID	Sample Depth (feet)	Date	Unit Sampled	Sampling Device	USCS Classification	Moisture Content (%)	Porosity (%)	Bulk Density (pcf)	Permeability (cm/s)	Specific Gravity	Disturbed (D) or Undisturbed (U)	TOC (mg/kg)	Gravel (%)	Sand (%)	Silt (%)	Clay (%)	Field Boring Log Description
MW-2CD	8-10	04/23/99	Unconsolidated Unit	Shelby Tube	CL-ML	11.9	24.4	145.2	3.0E-08	2.75	U	12500	12.6	35.4	37.7	14.3	SILT AND CLAY; little gravel; brown; slightly moist
	12-15.5	04/23/99	Unconsolidated Unit	Jar	(Clay)	14.0	-	-	-	-	D	-	16.1	26.0	57.9		CLAY AND SILT to gravel, sand, silt, and clay, moist
MW-3CD	8-10	04/27/99	Unconsolidated Unit	Shelby Tube	CL-ML	11.0	21.3	148.4	3.10E-08	2.72	U	2960	7.1	40.1	36.6	16.2	CLAY AND SILT; trace gravel and sand; light brown; moist
MW-4CD	8-10	04/29/99	Unconsolidated Unit	Shelby Tube	CL	14.9	27.9	140.7	7.60E-08	2.72	U	4270	11.6	19.9	43.4	25.1	SILT; and/some clay; brown; little sand and gravel; sl. moist; cohesive (Till)
	15-17	04/29/99	Unconsolidated Unit	Grab	-	-	-	-	-	-	D	7480	-	-	-	-	SILT; and/some clay; brown; little sand and gravel; sl. moist; cohesive (Till)
	32.5-32.7	04/29/99	Cedarville Aquifer	Rock Core	(Brown Rock)	5.2	16.2	143.6	1.10E-04	2.61	U	-	-	-	-	-	CEDARVILLE DOLOMITE; light gray: coarse grained with finer intervals; vuggy; fossiliferous; iron staining
MW-5CD	10-12	05/03/99	Unconsolidated Unit	Shelby Tube	SM	14.9	32.3	132.6	5.60E-07	2.73	U	12500	16.1	39.3	32.5	12.1	SILT; some clay; brown (Till)
	14.9-16	05/03/99	Unconsolidated Unit	Jar	(Silty Sand)	22.8	51.7	99.8	6.50E-05	2.70	D	-	0.0	54.6	45.4		SAND; medium-fine grained; some silt
	17-18	05/03/99	Unconsolidated Unit	Grab	-	-	-	-	-	-	D	7890	-	-	-	-	SILT; some clay; little sand and gravel; gray; dry to slightly moist; stiff (Till)
MW01-02SE	38.25-38.5	04/20/99	Cedarville Aquifer	Rock Core	(Grey Rock)	4.4	13.8	150.7	5.10E-07	2.68	U	-	-	-	-	-	CEDARVILLE DOLOMITE; light gray; primarily coarse grained with common finer grained intervals; very fossiliferous; vuggy; iron stained intervals; uncommon vertical breaks
	64.5-64.75	04/20/99	Cedarville Aquifer	Rock Core	(Grey Rock)	3.1	9.7	161.8	6.50E-08	2.78	U	-	-	-	-	-	CEDARVILLE DOLOMITE; light gray; mostly finer grained; stylolites common; clay partings common; less vuggy
	76.3-76.6	04/20/99	Cedarville Aquifer	Rock Core	(Grey Rock)	2.6	10.6	154.8	1.90E-05	2.71	U	-	-	-	-	-	CEDARVILLE DOLOMITE; light gray; coarse grained; stylolites; very vuggy; fossiliferous
	83.5-83.9	04/20/99	Cedarville Aquifer	Rock Core	(Grey Rock)	4.7	13.6	153.1	3.80E-06	2.72	U	-	-	-	-	-	SPRINGFIELD DOLOMITE; light to medium gray; mostly fine-grained; stylolites common; clay partings common in lower part; few voids or vugs; fossiliferous
	89.75-90.0	04/20/99	Cedarville Aquifer	Rock Core	(Grey Rock)	1.3	6.3	161.9	5.10E-08	2.73	U	-	-	-	-	-	EUPHEMIA DOLOMITE; light gray; coarse-grained; very vuggy; fossiliferous; pyrite layers; stylolites; clay partings
	97.5-98.75	04/22/00	Osgood Aquitard	Rock Core	(Grey Rock)	3.3	9.7	165.2	6.30E-09	2.84	U	-	-	-	-	-	MASSIE SHALE; gray; dolomite grading to dark gray shale
	115.0-116.25	04/22/00	Osgood Aquitard	Rock Core	(Grey Rock)	3.2	9.7	163.4	3.30E-09	2.81	U	-	-	-	-	-	OSGOOD SHALE; some glauconite and pyrite
GP0196	15-16.9	05/21/00	Unconsolidated Unit	Grab	-	13.2	31.5	116.8	1.90E-06	2.74	D	150	5.4	71.3	23.3		SAND; fine to coarse grained; light to dark brown; wet; thin lower zone of CLAY some silt
GP0198	17.5-20	05/21/00	Unconsolidated Unit	Grab	SP-SM	15.3	33.3	112.9	5.80E-06	2.71	D	240	19.4	73.3	7.3		SAND AND GRAVEL (f. to med. grained); poorly sorted; wet; coarsening downward
GP01107	9-10.7	05/22/00	Unconsolidated Unit	Grab	-	16.4	28.1	123.1	4.60E-08	2.74	D	610	26.5	45.6	27.9		SAND AND GRAVEL; poorly sorted; subangular; wet
GP01108	6.5-7.5	05/22/00	Unconsolidated Unit	Grab	-	16.2	30.4	118.2	2.00E-07	2.72	D	950	28	46.5	25.5		SAND AND SILT; some gravel; wet loose
MW02-13	6-7	01/30/04	Unconsolidated Unit	Grab	CL	10.2	34.2	110.3	9.30E-08	2.69	U	42	0	3	63	34	brown lean CLAY
	9-10		Unconsolidated Unit	Grab	CL	14.4	32.2	117.1	1.10E-08	2.77	U	28	16	32	37	15	brown sandy lean CLAY with GRAVEL
	16.5-17.4		Unconsolidated Unit	Grab	SM	1.9	34.9	110.8	7.90E-06	2.73	D	11	1	72	21	6	brown silty SAND
MW02-15	9-10	02/05/04	Unconsolidated Unit	Grab	ML	19.5	36	110.5	6.50E-07	2.77	U	22	1	14	79	6	gray SILT with SAND
MW02-18CD	6-16	02/25/04	Unconsolidated Unit	Grab	-	4.7	32.7	117.2	3.60E-05	2.79	D	56	31	47	17	5	brown silty SAND with GRAVEL

( ) - Based on Visual Observation of Sample
"-" Not Tested For

The Payne Firm, Inc.

Environmental Consultants

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

Table 13: Summary of Low Release Potential SWMUs as Presented in the PA/VSI Report

SWMU No.	SWMU Name	Justification of Low Release Potential[1]
SWMU 3	Hazardous Waste Container Storage Area	RCRA closure on the unit was completed in 1990, the addittion of the spill containment pan inside the unit, and its inactive status and permanent closure in March 2001.
SWMU 8	Former Groundwater Aeration System	This unit would not appear to be a significant contributor to the reported soil and ground water contamination at the site.
SWMU 9	Groundwater Treatment System	The overall unit has a low potential for release due to the intended purpose to treat ground water and its current inactivity. Three soil borings collected in the area where treated ground water was discharged in the past through sprinklers.
SWMU 10	Carbon Filtration Groundwater Treatment System	Unit is located indoors, discharge of treated effluent is to the sanitary sewer system, and intended purpose is treating the ground water by reducing the levels of constituents from the influent water constituent levels.
SWMU 11	Distillation Unit	Unit is located indoors and lack of a past release.
SWMU 12	Spent Perc Drum	Unit is located indoors, use of release controls, and lack of a past release.
SWMU 13	Oil/Water Separtors	Unit is located indoors and lack of a past release.
SWMU 14	Waste Caustic Tank and Transfer Drum	Unit is located indoors and lack of a past release.
SWMU 15	Caustic Rinse Tank Sump	Unit is located indoors and lack of a past release.
SWMU 16	Former Dental Office Septic System	Soil analytical results confirm lack of relase from this unit.
SWMU 17	Hydro Flow Unit	Unit is located indoors, use of release controls, and lack of a past release.
SWMU 18	Wet Grinder Hazardous Waste Storage Area	Unit is located indoors, use of release controls, and lack of a past release.
SWMU 19	Dry Grinder Dust Collection System	Unit is located indoors, use of release controls, and lack of a past release.
SWMU 20	V Tip Room Dust Collector System	Unit is located indoors, use of release controls, and lack of a past release.
SWMU 21	Media Blasting Room Dust Collector	Unit is located over a concrete pad and lack of a past release.

SWMU No.	SWMU Name	Justification of Low Release Potential[1]
SWMU 22	36-Inch Mill Dust Collector	Unit is located over a concrete pad and lack of a past release.
SWMU 23	Punch Press Spent Blast Media Collection Unit	Unit is located indoors, use of release controls, and lack of a past release.
SWMU 24	Liquid Nitrogen Tumbler Flash Collection Unit	Unit is located indoors, use of release controls, and lack of a past release.
SWMU 25	Cold Finish Dust Collection Unit	Unit is located indoors, use of release controls, and lack of a past release.
SWMU 26	Maintenance Room Wash Pits	Unit is located indoors, use of release controls, and lack of a past release.
SWMU 27	Parts Washer	Unit is located indoors, use of release controls, and lack of a past release.
SWMU 28	Carbon Black Pile	Soil analytical results confirm lack of relase from this unit.
SWMU 30	Bonding Spray Booths	Units are located indoors, use of release controls, and lack of a past release.
SWMU 31	Utility Tunnel Sump Water Treatment System	Unit is located indoors and its intended purpose is to treat the water.
SWMU 32	Mill and Mixer Dumpster	Unit is located over alphalt and lack of a past release.
SWMU 33	Trash Totes	Unit is located indoors, use of release controls, and lack of a past release.
SWMU 34	Trash Compactor	Unit is located over a concrete pad and lack of a past release.
SWMU 35	Fluorescent Light Build Storage Area	Unit is located indoors, use of release controls, and lack of a past release.
SWMU 36	Satellite Accumulation Areas	Units are located indoors, use of release controls, and lack of a past release.
SWMU 37	Waste Accumulation Areas	Units are located indoors, use of release controls, and lack of a past release.
SWMU 38	Caustic Soda Tank	Unit is located indoors and infrequent disposal of waste.

[1] As determined by TechLaw (TechLaw, 2001)

The Payne Firm, Inc.

Environmental Consultants

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

Table 14: Summary of Moderate and High Release Potential SWMUs and AOCs

Solid Waste Management Unit		Release Potential[1]	Area of Interest		Comments
1	Process Sewer Lines and Floor Drains	High	2A	Facility-Sewers	Located beneath and between Plants 2 and 3, south, east and north of Plant 3
2	Storm Sewer System	High	2A	Facility-Sewers	Located beneath and between Plants 2 and 3, south, east and north of Plant 3
4	Former Hazardous Waste Drum Storage Area	High	2	Facility-Developed	East of Plant 2
5	Dust Suppression and Weed Control Areas	High	2	Facility-Developed	Located between Plants 2 and 3, sourth of Plant 2
6	Former Waste Accumulation Area	Moderate	2	Facility-Developed	Inside Plant 3, former Needle Inspection Room
7	Storm Water Catch Basin	Moderate	2	Facility-Developed	south of Plant 2
16B	Former Plant 2 Septic System	High	2	Facility-Developed	Beneath the northeast corner of Plant 2
29	Hydraulic Oil Trench System	Moderate	2	Facility-Developed	Beneath Plant 2 and Plant 3
39	West Fill Area	Moderate	1	Facility-Undeveloped	Western portion of Facility

Area of Concern		Release Potential[1]	Area of Interest		Comments
A	Former Vapor Degreasing Areas	Moderate	2	Facility-Developed	5 units were used (4 in Plant 3 and 1 in Plant 2)
B	Former PCE Aboveground Storage Tanks	Moderate	2	Facility-Developed	2 ASTs located on west side of Plant 3
C	Former Empty Product Drum Storage Area	Moderate	2	Facility-Developed	South side of Plant 3
D	1,2-Dichloropropane Plume	NA	1	Facility-Undeveloped	Western portion of Facility
E	Former Agricultural Support Buildings	NA	1	Facility-Undeveloped	Western portion of Facility
F	Off-Facility Storm Sewer	NA	3A	Off-Facility-Sewers	Located north of the Facility on Dayton Street

[1] As determined by TechLaw (TechLaw, 2001)

The Payne Firm, Inc.
Environmental Consultants

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 15: Physical and Chemical Properties Data

Chemical	CL	CASRN	Physical Form	Boiling Point	Molecular Weight (g/mole)	Specific Gravity (g/mL)	Solubility in Water	Vapor Pressure	Viscosity	Flash Point (1)
1,1'-Biphenyl		92-52-4	solid	489°F	169.2	1.16 @ 20°C/4°C	0.03% by wt. @ 68°F	0.005mm Hg @ 68°F		235°F
2,2'-oxybis(1-Chloropropane)										
2,4,5-Trichlorophenol	A	95-95-4	solid	253°C @ 760 mm	197.46	1.678 @ 25°C/4°C	1,190 mg/L @ 25°C	0.022 mm Hg @ 25°C (est)	no data	
2,4,6-Trichlorophenol		88-06-2	solid	246°C	197.46	1.490 @ 75/4	0.09 in 100 pfs @ 25°C	135.8 mmHg @ 20°C		
2,4-Dichlorophenol		120-83-2		210°C	163.01	1.38 @ 60/25°C	5400 mg/L @ 25°C			
2,4-Dimethylphenol	A	105-67-9	solid	211.5°C @ 760 mm Hg	122.16	0.965 @ 20°C/4°C	17000 mg/L @ 160°C	10 mm Hg @ 92.3°C	no data	>112°C (8)
2,4-Dinitrophenol		51-28-5	solid	sublimes	184.11	1.683 @ 24°C	5,600 mg/L @ 18°C			
2,4-Dinitrotoluene		121-14-2	solid	300°C	182.13	1.321 @ 71°C	0.03 in 100 parts water @ 22°C	1.52 @ 15°C		
2,6-Dinitrotoluene		606-20-2	solid	285°C	182.14	1.54 @ 15°C	208 mg/L @ 25°C	5.67X10-4 torr @ 25°C		
2-Chloronaphthalene	B	91-58-7	solid	256°C @ 760 mm	162.61	1.1938 @ 90°C/4°C	11.7 mg/L @ 25°C	7.98E-03 mm Hg @ 25°C	no data	
2-Chlorophenol	A	95-57-8	liquid	174.9°C @ 760 mm Hg	128.56	1.2634 @ 20°C/4°C	2.85 parts in 100 parts @ 20°C	2.2 mm Hg @ 20°C (calc)	4.11 cp @ 25°C	147°F (6)
2-Methylnaphthalene	B	91-57-6	solid	241°C	142.2	1.0058 @ 20°C/4°C	insoluble	6.81E-02 mm Hg @ 25°C	no data	
2-Methylphenol	A	95-48-7	solid	190.95°C @ 760 mm Hg	108.15	1.047 @ 20°C/4°C	soluble in about 40 parts water	1 mm Hg @ 38.2°C	4.49 cp @ 40°C	178°F (6)
2-Nitroaniline			solid	284.1°C	138.12	1.442 @ 15°C	soluble hot	167.7 mmHg @20°C		
2-Nitrophenol			solid	214.5°C	139.11	1.295 @ 45°C	1.08 in 100 pfs @ 100°C	105.8 mmHg @ 20°C		
3,3'-Dichlorobenzidine		91-94-1	solid	788°F	253.1	Unknown	0.07% by wt. @ 59°F	Unknown		Unknown
3-Nitroaniline	B	99-09-2	solid	306°C	138.12	0.9011 @ 25°C/4°C	910 ppm @ 25°C	3.62E-05 mm Hg @ 25°C	no data	
4,6-Dinitro-2-Methylphenol	A	534-52-1	solid	312°C	198.13	no data	0.013% @ 15°C	1.05E-04 mm Hg @ 25°C	no data	NA
4-Bromophenyl phenyl ether		101-55-3		310.1°C	249.11	1.4208 @ 20°C/4°C				
4-Chloro-3-										
4-Chloroaniline	B	106-47-8	solid	232°C @ 76 mm	127.58	1.169 @ 77°C/4°C	3900 mg/L	0.025 mm Hg @ ambient	no data	>2201°F (10)
4-Chlorophenyl phenyl ether		77-47-4	liquid	234/239°C	273		0.13 mg/L @ 25°C	0.08 mmHg @ 25°C		
4-Methylphenol	A	106-44-5	solid	201.9°C	108.13	1.0178 @ 20°C/4°C	25000 mg/L	1 mm Hg @ 53°C	7.0 cp @ 40°C	202°F (6)
4-Nitroaniline		100-01-6	solid	630°F	138.1	1.42 @ 20°C/4°C	0.08% by wt. @ 20°C	0.00002mm Hg @ 68°F		390°F
4-Nitrophenol			solid	sublimes	139.11	1.479 @ 20°C	1.6 in 100 pts @ 25°C			
Acenaphthene	B	83-32-9	solid	279°C @ 760 mm	154.21	1.0242 @ 90°C/4°C	insoluble in water	10 mm Hg @ 131.2°C	no data	

TABLE 15: Physical and Chemical Properties Data

Chemical	CL	CASRN	Physical Form	Boiling Point	Molecular Weight (g/mole)	Specific Gravity (g/mL)	Solubility in Water	Vapor Pressure	Viscosity	Flash Point (1)
Acenaphthylene	B	208-96-8	solid	265-275°C	152.2	0.8988 @ 16°C/2°C	16.1 mg/L @ 25°C	9.12E-04 mm Hg @ 25°C	no data	
Acetophenone	B	98-86-2	solid/liquid	202°C	120.16	1.033 @ 15°C/15°C	6,130 mg/L @ 25°C	0.44 mm Hg @ 25°C	2.28 cp @ 11.9°C	180°F (6)
Anthracene	B	120-12-7	solid	342°C	178.22	1.25 @ 27°C/4°C	1.29 mg/L @ 25°C (distilled water)	1 mm Hg @ 145°C	no data	250°F (6)
Atrizine		1912-24-9	solid	Decomposes	215.7	1.19 @ 20°C/4°C	0.003% by wt. @ 20°C	0.0000003 mm Hg @ 68°F		N/A
Benzaldehyde		100-52-7	liquid	179°C	106.12	1.046	0.3 in 100 pts water			
Benzo(a)anthracene	B	56-55-3	solid	400°C (6)	228.29	1.2544 @ 20°C (9)	0.010 mg/L; 0.044 mg/L @ 24°C (9)	5 E-09 mm Hg @ 20°C	no data	
Benzo(a)pyrene	B	50-32-8	solid	>360°C @ 760 mm Hg	252.3	1.351	0.0038 mg/L @ 25°C	>1 mm Hg @ 20°C	no data	
Benzo(b)fluoranthene	B	205-99-2	solid	481°C (9)	252.32	no data	0.0012 mg/L	5.0 E-07 mm Hg	no data	
Benzo(ghi)perylene	B	191-24-2	solid	550°C @ 760 mm	276.34	no data	insoluble in water	1.0 E-10 mm Hg @ 25°C	no data	
Benzo(k)fluoranthene	B	207-08-9	solid	480°C @ 760 mm	252.32	no data	0.00076 ppm @ 25°C	9.59 E-11 mm Hg	no data	
bis(2-chloroethoxy)methane		111-91-1	liquid	218.1°C	173.05	1.2339 @ 20°C/20°C				
Bis(2-chloroethyl)ether	B	111-44-4	liquid	178°C	143.02	1.22 @ 20°C/20°C	1.1 WT% Water @ 20°C	0.7 mm Hg @ 20°C	2.0653 cp @ 25°C	131°F
Bis(2-	B	117-81-7	liquid	230°C @ 5 mm	390.54	0.984 @ 20°C/20°C	0.285 mg/L @ 24°C	1.32 mm Hg @ 200°C	81.4 cp @ 20°C	420°F
Butyl Benzyl Phthalate	B	85-68-7	liquid	370°C	312.39	1.113-1.121 @ 25°C/25°C	2.9 mg/L (no temperature specified)	8.6 E-06 mm Hg @ 20°C	no data	390°F (6)
Caprolactam		105-60-2	solid	515°F	113.2	1.01 @ 20°C/4°C	53% by wt. @ 68°F	0.00000008mm Hg @ 68°F		282°F
Carbazole		86-74-8	solid	354.8	167.2	1.1 @18/4°C	insoluble	248.2 mmHg@25°C		
Chrysene	B	218-01-9	solid	448°C	228.28	1.274 @ 20°C/4°C	0.0020 mg/L @ 25°C	6.3 E-07 mm Hg	no data	
Dibenz(a,h)anthracene	B	53-70-3	solid	524°C (7)	278.33	1.282	0.0005 mg/L @ 27°C	1 E-10 mm Hg (est)	no data	
Dibenzofuran	B	132-64-9	solid	287°C @ 760 mm	168.19	1.0886 @ 99°C/4°C	10 ppm @ 25°C	4.4 E-03 mm Hg @ 25°C	no data	
Diethyl Phthalate	B	84-66-2	liquid	295°C	222.26 (6)	1.232 @ 14°C/4°C	1,080 mg/L @ 25°C	1.65 E-3 mm Hg @ 25°C	31.3 centistokes @ 0°C	325°F (6)
Dimethyl phthalate		131-11-3	liquid/solid	543°F	194.2	1.19 @ 20°C/4°C	0.04% by wt. @ 68°F	0.01mm Hg @ 68°F		295°F
Di-N-Butyl Phthalate	B	84-74-2	liquid	340°C	278.34	1.0459 @ 20°C	13 mg/L @ 25°C	7.3 E-05 mm Hg @ 20°C	20.3 cp @ 20°C	315°F
Di-N-Octyl Phthalate	B	117-84-0	liquid (room	220°C @ 4 mm Hg	390.56	0.978 @ 25°C	3 mg/L @ 25°C	<0.2 mm Hg @ 150°C	no data	
Fluoranthene	B	206-44-0	solid	375°C (approx)	202.26	1.252 @ 0°C/4°C	insoluble in water	0.01 mm Hg @ 20°C	no data	
Fluorene	B	86-73-7	solid	295°C	166.21	1.203 @ 0°C/4°C	insoluble in water	3.2 E-04 mm Hg @ 20°C	no data	
Hexachlorobenzene	B	118-74-1	solid	323-326°C	284.8	1.5691 @ 23.6°C	0.035 ppm	1.09 E-05 mm Hg @ 20°C	no data	468°F (6)
Hexachlorobutadiene	B	87-68-3	liquid	215°C @ 760 mm	260.76	1.5542 @ 20°C	2,600 mg/L	0.15 mm Hg @ 20°C	2.447 cp @ 37.7°C	none
Hexachlorocyclopentadiene										
Hexachloroethane	B	67-72-1	solid	186°C @ 777 mm	236.74	2.091 @ 20°C/4°C	50 mg/L @ 22.3°C	0.4 mm Hg @ 20°C	no data	NA
Indeno(1,2,3-cd)pyrene	B	193-39-5	solid	530°C	276.34	no data	0.062 mg/L	1.0 E-10 mm Hg	no data	
Isophorone		78-59-1	liquid	419°F	138.2	0.92 @ 20°C	1.0% by wt. @ 20°C	0.3mm Hg @ 68°F		184°F
Naphthalene	B	91-20-3	solid	217.9°C @ 760 mm Hg	128.16	1.162 (6)	30 mg/L	7.5 E-02 mm Hg	0.78 cp @ 100°C (8)	174°F
Nitrobenzene	B	98-95-3	solid/liquid	210.8°C	123.11	1.2037 @ 20°C/4°C	1.780 ppm	1 mm Hg @ 44.4°C	2.91 cp @ 2.95°C	190°F
N-Nitrosodi-n-										
N-Nitrosodiphenylamine	B	83-60-6	solid	66.5°C	198.23	1.23	40 ppm	0.1 mm Hg @ 25°C		
Pentachlorophenol		87-86-5	solid	636°F	300.4	1.67 @ 20°C/4°C	Insoluble	<1 atm		N/A
Phenanthrene	B	85-01-8	solid	340°C	178.22	0.9800 @ 4°C	1.6 mg/L @ 15°C	1 mm Hg @ 118.2°C	no data	
Phenol	A	108-95-2	solid	181.75°C @ 760 mm Hg	94.11	1.0576 @ 20°C/4°C	67000 mg/L	0.3513 mm Hg @ 25°C	12.7 cp @ 18.3°C	175°F

TABLE 15: Physical and Chemical Properties Data

Chemical	CL	CASRN	Physical Form	Boiling Point	Molecular Weight (g/mole)	Specific Gravity (g/mL)	Solubility in Water	Vapor Pressure	Viscosity	Flash Point (1)
Pyrene	B	129-00-0	solid	393°C @ 760 mm Hg	202.26	1.271 @ 23°C	0.135 mg/L (+/- 0.005 mg/L) @ 25°C	6.85 E-07 mm Hg @ 20°C	no data	
Arsenic	M	7440-38-2	solid	Sublimates @ 612°C (6)	74.92	5.727 @ 14°C	insoluble in water	1 mm Hg @ 372°C	no data	NA
Chromium	M	7440-47-3	solid	2,642°C	51.996	7.14	insoluble in water	1 mm Hg @ 1,616°C	no data	NA
Copper	M	7440-50-8	solid	2,595°C	63.546	8.94	insoluble in water	1 mm Hg @ 1,628°C	no data	NA
Zinc	M	7440-66-6	solid	908°C	65.38	7.14 @ 25°C	insoluble in water	1 mm Hg @ 487°C	no data	
1,1,1-Trichloroethane	V	71-55-6	liquid	74.1°C (6)	133.4	1.3376 @ 20°C/4°C	4,400 mg/L @ 20°C	127 mm Hg @ 25°C	0.903 cp @ 15°C	none
1,1,2,2,-	V	79-34-5	liquid	146.4°C (7)	167.86	1.58658 @ 25°C/4°C	2,900 mg/L @ 20°C	9 mm Hg @ 30°C	1.844 cp @ 15°C	none
1,1,2-Trichloro-1,2,2-trifluoroethane		76-13-1	liquid/gas	118°F	187.4	1.56 @ 77°F	0.02% by wt. @ 77°F	285mm Hg @ 68°F		Unknown
1,1,2-Trichloroethane	V	79-00-5	liquid	113.8°C @ 760 mm Hg	133.42	1.4416 @ 20°C/4°C	4,400 mg/L @ 20°C	23 mm Hg @ 25°C	1.20 cp @ 20°C	none
1,1-Dichloroethane	V	75-34-3	liquid	57.3°C (7)	98.97	1.175 @ 20°C/4°C	5,500 mg/L @ 20°C (7)	70 mm Hg @ 0°C, 180 mm Hg @ 20°C, 237 mm Hg @	0.505 cp @ 25°C (8)	22°F
1,1-Dichloroethene		75-35-4	liquid	89°F	96.9	1.21 @ 20°C/4°C	0.04% by wt. @ 20°C	500mm Hg @ 68°F		-2°F
1,2-Dichloroethane	V	107-06-2	liquid	83.5°C (7)	98.96 (6)	1.2351 @ 20°C	869,000 mg/L @ 20°C	40 mm Hg @ 10°C, 61 mm Hg @ 20°C, 105 mm Hg @	0.887 cp @ 15°C (8)	56°F
1,2-Dichloroethene, Total	V	540-59-0	liquid	48°C	96.95	1.27 @ 25°C	Cis-3,500 mg/L, Trans-6,300 mg/L	200 mm Hg @ 25°C (cis), 200 mm Hg @ 14°C (trans)	no data	36°F
1,2-Dichloropropane	V	78-87-5	liquid	96.4°C (-3.7°C @ 10 mm Hg)	112.99	1.159 @ 250°C/25°C	0.26% by wt. @ 20°C	50 mm Hg @ 25°C	0.865 cp @ 20°C (8)	60°F (6)
2-Butanone	V	78-93-3	liquid	79.6°C	72.1	0.805 @ 20°C/4°C	353,000 mg/L @ 10°C	77.5 mm Hg @ 20°C	0.54 cp @ 0°C	16°F
2-Hexanone	V	591-78-6	liquid	128°C	100.16	0.8113 @ 20°C/4°C	1.4% by wt. @ 20°C	approx 12 mm Hg @ 25°C	0.62 cp @ 20°C	77°F
4-Methyl-2-Pentanone	V	108-10-1	liquid	116.8°C @ 760 mm Hg	100.16	0.7978 @ 20°C	20,400 mg/L @ 20°C	15.7 mm Hg @ 20°C	no data	64°F
Acetone	V	67-64-1	liquid	56.2°C @ 760 mm	58.09	0.7899 @ 20°C/4°C	miscible with water	400 mm Hg @ 39.5° (6)	0.337 cp @ 15°C	0°F (6)
Benzene	V	71-43-2	liquid	80.1°C	78.11	0.8787 @ 15°C/4°C	1,800 mg/L @ 25°C	100 mm Hg @ 26.1°C	0.6468 cp @ 20°C	12°F (6)
Bromodichloromethane	V	75-27-4	liquid	90.1°C @ 760 mm	163.83	1.980 @ 20°C/4°C	4,700 ppm @ 22°C	50 mm Hg @ 20°C	no data	none (8)
Bromoform		75-25-2	liquid	149-150°C	252.77	2.89 @ 20°C/4°C	0.1% by wt. @ 20°C	5mm Hg @ 68°F		N/A
Bromomethane		74-83-9	liquid/gas	38°F	95	1.73 @ 20°C/4°C	2.0% by wt. @ 20°C	1.9 atm		N/A
Carbon Disulfide	V	75-15-0	liquid	46.5°C @ 760 mm	76.14	1.2632 @ 20°C	2,100 mg/L @ 20°C	297 mm Hg @ 20°C	0.363 @ 20°C	-22°F
Carbon Tetrachloride	V	56-23-5	liquid	76.54°C	153.24	1.5940	1,160 mg/L @ 25°C	91.3 mm Hg @ 20°C	1.329 cp @ 0°C	none
Chlorobenzene	V	108-90-7	liquid	132°C	112.56	1.1058 @ 20°C/4°C	448 ppm	11.8 mm Hg @ 25°C	0.790 cp @ 70°F	23°C (8)
Chloroethane	V	75-00-3	liquid	12.3°C @ 760 mm	64.52	0.9214 @ 0°C/4°C	4,470 mg/L	1,000 mm Hg @ 20°C	0.279 cp @ 10°C	-58°F (6)
Chloroform	V	67-66-3	liquid	61.26°C (6)	119.39	1.4832 @ 20°C/4°C	8,000 mg/L @ 20°C, 9,300 mg/L @ 25°C, 10,000 mg/L @ 15°C (7)	100 mm Hg @ 10.4°C	0.563 cp @ 20°C	none
Chloromethane		74-87-3	liquid/gas	-12°F	50.5	1.34 @ 20°C/4°C	0.5% by wt. @ 20°C	5.0 atm		N/A
cis-1,3-Dichloropropene		542-75-6	liquid	226°F	111	1.21 @ 20°C/4°C	0.02% by wt. @ 20°C	28mm Hg @ 68°F		77°F
Dibromochloromethane										
Dichlorodifluoromethan		75-71-8	gas	-22°F	120.9	4.2 times heavier than	0.03% by wt. @ 77°F	5.7 atm		N/A
Dichlorofluoromethane		75-43-4	gas	48°F	102.9	3.57 times heavier than	0.7% by wt. @ 86°F	1.6 atm @70°F		N/A
Ethylbenzene	V	100-41-4	liquid	136.2°C @ 760 mm Hg	106.16	0.8670 @ 20°C/4°C	140 mg/L @ 15°C	10 mm Hg @ 25.9°C	0.64 cp @ 25°C	55°F
Methylene Chloride	V	75-09-2	liquid	39.75°C @ 760 mm Hg	84.93 (7)	1.3255 @ 20°C (8)	20,000 mg/L @ 20°C, 16,700 mg/L @ 25°C (7)	400 mm Hg @ 24.1°c	0.449 cp @ 15°C (8)	none (8)
Styrene		100-42-5	liquid	293°F	104.2	0.91 @ 20°C/4°C	0.03% by wt. @ 20°C	5mm Hg @ 68°F		88°F
Tetrachloroethene	V	127-18-4	liquid	121°C @ 760 mm	165.83	1.6227 @ 20°C/4°C	150 mg/L @ 25°C	18.47 mm Hg @ 25°C	0.932 cp @ 15°C	none

TABLE 15: Physical and Chemical Properties Data

Chemical	CL	CASRN	Physical Form	Boiling Point	Molecular Weight (g/mole)	Specific Gravity (g/mL)	Solubility in Water	Vapor Pressure	Viscosity	Flash Point (1)
Toluene	V	108-88-3	liquid	111°C @ 760 mm	92.13	0.866 @ 20°C/4°C	insoluble	36.7 mm Hg @ 30°C	0.590 cp @ 20°C	40°F
trans-1,3-		542-75-7	liquid	226°F	112	1.21 @ 20°C/4°C	0.02% by wt. @ 20°C	28mm Hg @ 68°F		77°F
Trichloroethene	V	79-01-6	liquid	87°C	131.4	1.4649 @ 20°C/4°C	1,100 mg/L @ 25°C	19.9 mm Hg @ 0°C	0.550 cp @ 25°C	90°F
Trichlorofluoromethane		75-69-4	liquid/gas	75°F	137.4	1.47 @ 75°F / 4.74 times heavier than air	0.1% by wt. @ 75°F	690mm Hg @ 68°F		N/A
Vinyl Chloride	V	75-01-4	liquid/gas	-13.37°C	62.5	0.9106 @ 20°C/4°C	2,700 mg/L	2,660 mm Hg @ 25°C	liquid - 0.280 cp @ -20°C	none
Xylenes, Total	V	1330-20-7	liquid	137-140°C	106.16	0.864 @ 20°C/4°C	practically insoluble in water	6.72 mm Hg @ 21°C (7)	0.809 cp, 0.617 cp, 0.644 cp @ 20°C	63°F, 84°F, 81°F (5)

NOTES:
MW - Molecular Weight
FP - Flashpoint
All data from HSDB unless otherwise noted

1 NIOSH Picket Guide to Chemical Hazards, 1990
2 FRIESEN et al (1985)
3 ELITZER AND HITES (1988)
4 RORDORF (1989)
5 o-,m-,p- Isomers
6 SAX (1984)
7 VERSCHUEREN (1983)
8 DEAN (1985)
9 MACKAY et al (1992)

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TABLE 16: Conceptual Site Model for Human Exposures

On Facility						
Exposure Area	**Receptor Population**	**Expousre Route**	**Exposure Medium**	**Possible Currently**	**Possible in Future**	**Comments**
Vernay Loaboratories, Inc. -- 875 Dayton Street Facility	Routine Workers	ingestion and dermal contact	surface soil	Yes	Yes	The main (eastern) portion of the facility is covered with building and pavement. The largest unpaved area is in the unused western portion of the facility. Potential exposure of workers may occur at unpaved areas, and (in the future) at areas where pavement is removed. Potential inhalation exposures of workers may also occur due to vapor migration to ambient air and indoor air from VOCs in soil and groundwater.
		inhalation	particulates in air from surface soil	Yes	Yes	
		inhalation	vapor released to ambient air from soil (surface and subsurface) and	Yes	Yes	
		inhalation	vapor intrusion to indoor air from soil (surface and subsurface) and groundwater	Yes	Yes	
	Trespassers	ingestion and dermal contact	surface soil	Yes	Yes	The facility is not fully fenced, therefore, trespassers may cross the property. The main (eastern) portion of the facility is covered with building and pavement. The largest unpaved area is in the unused western portion of the facility. Potential exposure of trespassers may occur at unpaved areas, and (in the future) at areas where pavement is removed. Potential inhalation exposures may also occur due to vapor migration to ambient air from VOCs in soil and groundwater (in unpaved areas).
		inhalation	particulates in air from surface soil	Yes	Yes	
		inhalation	vapor released to ambient air from soil (surface and subsurface) and groundwater	Yes	Yes	
	Occasional Excavation/Maintenance Workers	ingestion, dermal contact and inhalation	surface and subsurface soil	Yes	Yes	Potential exposure of Vernay maintenance workers is possible to soil and groundwater during excavation activities; to ground water during maintenance in the utility tunnel; and to surface water during maintenance of on-site sewer system (exposure frequency is 5 days per year for Vernay maintenance worker).
		ingestion, dermal contact and inhalation	groundwater	Yes	Yes	
		ingestion, dermal contact and inhalation	surface water (storm sewer system)	Yes	Yes	
	One-Time Building Construction Workers	ingestion, dermal contact and	surface and subsurface soil	No	Yes	Vernay has no current plans for building construction. Future commercial/industrial site use could include the construction of a new building.
		ingestion, dermal contact and inhalation	groundwater	No	Yes	

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TABLE 16: Conceptual Site Model for Human Exposures

Off Facility						
Exposure Area	**Receptor Population**	**Expousre Route**	**Exposure Medium**	**Possible Currently**	**Possible in Future**	**Comments**
Local Off-Facility Residences	Residents	ingestion, dermal contact and inhalation	groundwater during potable household use	Yes	Yes	Residential areas border the facility to the east and south. Several of these residential properties have water supply wells. Potential exposure of residents may occur from potable and nonpotable (e.g., lawn watering) use; emissions from unpaved on-site soils; vapor intrusion into indoor air from shallow groundwater in areas where VOCs exist in groundwater; and contact with surface water and sediments in an unnamed creek located in the study area.
			groundwater during household use as well as nonpotable outdoor use			
			groundwater during nonpotable/outdoor use	Yes	Yes	
		ingestion, dermal contact and inhalation	surface water and sediments	Yes	Yes	
		Inhalation	vapor intrusion to indoor air from	Yes	Yes	
		Inhalation	vapor and particulates in ambient air from soils on the facility	Yes	Yes	
Local Off-Facility Areas Maintenance	Occasional Excavation/Maintenance Workers	ingestion, dermal contact and inhalation	groundwater	Yes	Yes	A municipal storm sewer line crosses the facility property and discharges to an unnamed creek northeast of the facility. Potential exposure of off-facility utility maintenance and construction workers is possible to groundwater in excavations; to surface water in maintainance of the off-
		ingestion, dermal contact and inhalation	surface water and sediments	Yes	Yes	

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TABLE 17: Conceptual Site Model for Ecological Exposures

Exposure Area	Exposure Medium	Potential Ecological Receptors	Potential Exposure Routes	Complete Exposure Pathway? Possible Current	Complete Exposure Pathway? Possible Future	Comments
On-Facility						
Vernay Laboratories, Inc. -- 875 Dayton Street Facility	Surface soil	Song birds	direct contact; indirect contact via forage and prey consumption	No	No	At present, the property currently consists of paved parking lots and walkways, office and manufacturing buildings, and landscaped grounds. Landscaping includes grass lawns and perennial shrubery. There is no surface water on-site. Contaminated ground water has not been identified beneath grass lawns. There is no evidence of small and large mammal or avian forage or habitat. The facility is bounded by roadways, agricultural, residential, and an unrelated commercial facility. Future use of the property is anticipated to remain similar to existing conditions.
	Surface water and sediments	None	None	No	No	
	Air	None	None	No	No	
	Ground water	None	None	No	No	
Off-Facility						
Local Off-Facility Residential Area	groundwater during potable household use		ingestion, dermal contact and inhalation	No	No	Residential areas border the facility to the east and south. Several of these residential properties have groundwater wells. Potential exposure of residents may occur from potable and nonpotable (e.g., lawn watering) use; emissions from unpaved on-site soils; vapor intrusion into indoor air from shallow groundwater in areas where VOCs exist in groundwater; and contact with surface water and sediments in an unnamed creek located in the study area.
Local Off-Facility Residential Area	Surface soil	None	None	No	No	Water from the site enters a subsurface roadside storm water pipe and discharges into an unnamed creek. The unnamed creek flows intermittently through agricultural and residential lands. The unnamed creek discharges into Yellow Spring Creek, located approximately 1-mile downstream from the storm water outfall. There is no other surface water in the area. At creek monitoring locations, the depth of the creek is less than approximately 4 inches and water flow is perceptable, but generally slow (approximately 1 foot per 10 seconds). The creek bed and banks contain some small gravel cobble and silty muds. There is no evidence of chemical or petroleum residues in the water, sediment bed, or along the creek banks (e.g., distressed vegetation or oil-like sheen). Pioneer trees, fruiting vines, and short-stem leafy vegetation grows along both creek banks and generally reaches the water line.
	Surface water and sediments	Song birds, small and large mammals, amphibians and reptiles, small fish	direct contact; indirect contact via forage and prey consumption	No	No	
	Air	None	None	No	No	
	Groundwater	None	None	No	No	
						There is some evidence of small and large mammal and avian forage and habitat along the unnamed stream, but no evidence of small and large mammal activity along the banks of the creek. A common species of frog inhabits the creek. Small fish (approximately 1 to 2 inches in length) are found only at the furthest creek monitoring location where the depth of water in pools adjacent to a roadway is less than approximately 6 to 10 inches. Sensitive, threatened, or endangered (ESA) species listed by both federal and Ohio EPA have been identified in the region; however, habitat conditions both on-site and off-site do not support critical habitats and do not appear to support any ESA species.

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TABLE 18: RCRA Facility Investigation Sampling List

Volatile Organic Compounds
Acetone
Benzene
Bromodichloromethane
Bromoform
Bromomethane
2-Butanone
Carbon disulfide
Carbon tetrachloride
Chlorobenzene
Dibromochloromethane
Chloroethane
Chloroform
Chloromethane
1,1-Dichloroethane
1,2-Dichloroethane
cis-1,2-Dichloroethene
trans-1,2-Dichloroethene
1,1-Dichloroethene
1,2-Dichloropropane
cis-1,3-Dichloropropene
trans-1,3-Dichloropropene
Ethylbenzene
2-Hexanone
Methylene chloride
4-Methyl-2-pentanone
Styrene
1,1,2,2-Tetrachloroethane
Tetrachloroethene
Toluene
1,1,1-Trichloroethane
1,1,2-Trichloroethane
Trichloroethene
Vinyl chloride
Xylenes (total)
Dichlorodifluoromethane
Dichlorofluoromethane
Trichlorofluoromethane
1,1,2-Trichloro-1,2,2-trifluoroethane

Semi-Volatile Organic Compounds
Acenaphthene
Acenaphthylene
Acetophenone
Anthracene
Atrazine
Benzaldehyde
Benzo(a)anthracene
Benzo(b)fluoranthene
Benzo(k)fluoranthene
Benzo(ghi)perylene
Benzo(a)pyrene
1,1'-Biphenyl
bis(2-Chloroethoxy)methane
bis(2-Chloroethyl) ether
bis(2-Ethylhexyl) phthalate
4-Bromophenyl phenyl ether
Butyl benzyl phthalate
Caprolactam
Carbazole
4-Chloroaniline
4-Chloro-3-methylphenol
2-Chloronaphthalene
2-Chlorophenol
4-Chlorophenyl phenyl ether
Chrysene
Dibenz(a,h)anthracene
Dibenzofuran
Di-n-butyl phthalate
3,3'-Dichlorobenzidine
2,4-Dichlorophenol
Diethyl phthalate
2,4-Dimethylphenol
Dimethyl phthalate
4,6-Dinitro-2-methylphenol
2,4-Dinitrophenol
2,4-Dinitrotoluene
2,6-Dinitrotoluene
Di-n-octyl phthalate

Semi-Volatile Organic Compounds
Fluoranthene
Fluorene
Hexachlorobenzene
Hexachlorobutadiene
Hexachlorocyclopentadiene
Hexachloroethane
Indeno(1,2,3-cd)pyrene
Isophorone
2-Methylnaphthalene
2-Methylphenol
4-Methylphenol
Naphthalene
2-Nitroaniline
3-Nitroaniline
4-Nitroaniline
Nitrobenzene
2-Nitrophenol
4-Nitrophenol
N-Nitrosodiphenylamine
N-Nitrosodi-n-propylamine
2,2'-oxybis(1-Chloropropane)
Pentachlorophenol
Phenanthrene
Phenol
Pyrene
2,4,5-Trichlorophenol
2,4,6-Trichlorophenol

Metals
Arsenic (soil)
Chromium (ground water)
Copper
Zinc

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TABLE 19: List of Chemicals Common to TRI and Appendix IX List Not Previously Analyzed at the Facility

Chemicals Common to TRI-Appendix IX List Not Previously Analyzed			Has Vernay used this chemical at the Plant 2/3 Facility?
Chemical Group	**CAS Number**	**Chemical**	
VOC	107-13-1	Acrylonitrile	No
	126-99-8	2-Chloro-1,3-butadiene	No
	123-91-1	1,4-Dioxane	No
	80-62-6	Methylmethacrylate	No
	108-05-4	Vinyl Acetate	No
SVOC	1319-77-3	Methylphenol (total)	No
INORGANICS	7440-36-0	Antimony	No
	7440-48-4	Cobalt	No
	7440-50-8	Copper	Yes, used as brass inserts
	57-12-5	Cyanide (total)	No
	7440-02-0	Nickel	No
	7440-66-6	Zinc	Yes, trace amounts in rubber as filler and in zinc chlorate solution

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TABLE 20: TCL/TAL Metals Comparison

Metal	Analyzed in Previous Site Investigation?		Frequency of Detection During Previous Site Investigation[1]		Maximum Concentration		Exceed Region IX Residential PRGs or MCLs?		Include on the Facility Investigation Sampling List?	Rationale
	Soil	Water	Soil	Water	Soil (mg/kg)	Water (mg/L)	Soil	Water		
Aluminum	No	No	NA	NA	NA	NA	NA	NA	No	Common earth element.
Antimony	No	No	NA	NA	NA	NA	NA	NA	No	Not used at the Facility.
Arsenic	Yes	Yes	161 out of 161 samples	2 out of 78 samples	22.8	0.014	Yes	No	**Soil-Yes Water-No**	Further evaluation of existing arsenic soil data will be conducted. Site-specific background data for arsenic in soil may be warranted to evaluate the existing soil data. Frequency of detection in ground water is very low; detected ground water concentrations are below the MCL.
Barium	Yes	Yes	156 out of 161 samples	8 out of 78 samples	199	0.34	No	No	No	Concentrations detected in soil are below the Region IX residential PRGs and concentrations in ground water are below the MCL.
Beryllium	No	No	NA	NA	NA	NA	NA	NA	No	Not used at the Facility.
Cadmium	Yes	Yes	1 out of 161 samples	Not detected in 78 samples	1.6	ND	No	No	No	Lack of detection in ground water; soil detection is below the Region IX residential soil PRGs.
Calcium	No	No	NA	NA	NA	NA	NA	NA	No	Not used at the Facility and common earth element.
Chromium	Yes	Yes	161 out of 161 samples	25 out of 117 samples	23.2	0.56	No	Yes	**Soil-No Water-Yes**	Concentrations detected in soil are below the Region IX residential PRGs and concentrations in ground water are above the MCL. Site-specific background data for chromium in ground water may be warranted to evaluate the existing ground water data.
Cobalt	No	No	NA	NA	NA	NA	NA	NA	No	Not used at the Facility.
Copper	No	No	NA	NA	NA	NA	NA	NA	**Yes**	Used at the Facility and not previously analyzed.
Cyanide	No	No	NA	NA	NA	NA	NA	NA	No	Not used at the Facility.
Iron	No	Yes	NA	43 out of 49 samples	NA	0.74	NA	No	No	Common earth element
Lead	Yes	Yes	161 out of 161 samples	Not detected in 78 samples	102	ND	No	NA	No	Concentrations detected in soil are below the Region IX residential soil PRGs, and concentrations in ground water were not detected.
Magnesium	No	Yes	NA	3 out of 3 samples	NA	45.7	NA	NA	No	Not used at the Facility and common earth element.
Manganese	No	Yes	NA	45 out of 49 samples	NA	2,240	NA	Yes	No	Ground water manganese data were collected as part of an in situ ground water treatment pilot study. The detected concentrations of manganese are the sole result of the injected potassium permanganate into the aquifer.
Mercury	Yes	Yes	4 out of 161 samples	Not detected in 78 samples	0.55	ND	No	No	No	Concentrations detected in soil are below the Region IX residential soil PRGs, and concentrations in ground water were not detected.
Nickel	No	No	NA	NA	NA	NA	NA	NA	No	Not used at the Facility.
Potassium	No	Yes	NA	45 out of 46 samples	NA	5,660	NA	NA	No	Not used at the Facility and common earth element.
Selenium	Yes	Yes	14 out of 161 samples	7 out of 78 samples	0.93	0.015	No	No	No	Concentrations detected in soil are below the Region IX residential PRGs and concentrations in ground water are below the MCL.
Silver	Yes	Yes	Not detected in 161 samples	Not detected in 78 samples	ND	ND	No	No	No	Concentrations in soil and ground water were not detected.
Sodium	No	No	NA	NA	NA	NA	NA	NA	No	Common earth element.
Thallium	No	No	NA	NA	NA	NA	NA	NA	No	Not used at the Facility.
Vanadium	No	No	NA	NA	NA	NA	NA	NA	No	Not used at the Facility.
Zinc	No	No	NA	NA	NA	NA	NA	NA	**Yes**	Used at the Facility and not previously analyzed.

1 = As presented in the Current Conditions Report (The Payne Firm, Inc, 2002).
NA = Not Applicable
ND = Not Detected

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Table 21: Areas of Interest, Parameters of Interest, and Potential Media of Interest

Area of Interest (AOI)		Parameters of Interest			Potential Media of Interest						
		VOCs	SVOCs	Metals[1]	Soil	Subsurface Water		Storm Sewer Water	Surface Water	Sediment	Cedarville Aquifer Ground Water
						Saturated Sand Seams	Sewer Backfill Water				
1	Facility-Undeveloped	x	x		x	x					x
2	Facility-Developed	x	x	x	x	x					x
2A	Facility-Sewers	x					x	x			
3	Off-Facility	x	x	x	x	x	x	x			x
3A	Off-Facility-Sewers	x					x	x			
4	Off-Facility-Unnamed Creek	x							x	x	

[1] Metals includes arsenic (soil only), copper, chromium (Cedarville Aquifer ground water only), and zinc

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TABLE 22: List of Contaminants of Interest

Media	Analytical Group	Contaminant of Interest[1]	Risk-based Exceedence Level[2]	Risk-based Exceedence Criteria[2]	On/Off Facility
Soil	VOCs (Update III Only)	Tetrachloroethene	60 µg/kg	Migration to Ground Water (DAF=20)	On & Off Facility
		Trichloroethene	60 µg/kg	Migration to Ground Water (DAF=20)	On & Off Facility
			53 µg/kg	Residential Exposure	Off Facility
		Vinyl Chloride	10 µg/kg	Migration to Ground Water (DAF=20)	On Facility
		Methylene Chloride	20 µg/kg	Migration to Ground Water (DAF=20)	On Facility
		Bromomethane	200 µg/kg	Migration to Ground Water (DAF=20)	On Facility
		1,2-Dichloropropane	30 µg/kg	Migration to Ground Water (DAF=20)	On Facility
	SVOCs	Benzo(a)Pyrene	2100 µg/kg	Migration to Ground Water (DAF=20)	On & Off Facility
			62 µg/kg	Residential Exposure	Off Facility
		Benzo(a)Anthracene	2000 µg/kg	Migration to Ground Water (DAF=20)	On Facility
		Dibenz(a,h)Anthracene	2000 µg/kg	Migration to Ground Water (DAF=20)	On Facility
		Benzo(b)fluoranthene	5000 µg/kg	Migration to Ground Water (DAF=20)	On Facility
Cedarville Aquifer Ground Water	VOCs	Tetrachloroethene	5 µg/kg	Drinking Water Exposure	Off Facility
			6138 µg/kg	Excavation Worker Exposure	On Facility
		Trichloroethene	5 µg/kg	Drinking Water Exposure	Off Facility
		Vinyl Chloride	708 µg/kg	Excavation Worker Exposure	On Facility
Storm Sewer Backfill Water	VOCs	Tetrachloroethene	6138 µg/kg	Excavation Worker Exposure	On Facility

[1] "Contaminant of Interest" describes a chemical with concentrations in excess of appropriately protective risk-based screening criteria (US EPA, CA725 Form).
[2] ENVIRON International Corporation (2004).
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
DAF = Dilution Attenuation Factor

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TABLE 23: Analytical Sampling Summary by Media

Sampling Media	AOIs Evaluated	SWMUs Evaluated	AOCs Evaluated	Sampling Matrix	Constituents Sampled	Number of Constituents Analyzed as of Second Quarter 2004
Indoor Air	2	NA	NA	Air	VOCs	826
Surface Water (Unnamed Creek)	4	2	NA	Water	VOCs	1,207
Sediment (Unnamed Creek)	4	NA	NA	Sediment	VOCs	1,364
Soil	1,2,2A,3,3A	1,2,4,5,6,7,16B,29,39	A,B,C,E,F	Soil	VOCs, SVOCs, PAHs, Metals*, GC, GP	29,314
Storm Sewer Structure	2,2A,3,3A	2	NA	Water	VOCs	1,036
Storm Sewer Backfill	2,2A,3,3A	1,2	F	Water	VOCs, SVOCs, PAHs, Metals	2,354
Sanitary Sewer Backfill	2,2A,3,3A	1,2	F	Water	VOCs, SVOCs, PAHs, Metals	712
Sand Seam(s)	1,2,2A,3,3A	1,2,5,6,7,16B,29,39	A,C,D,E,F	Water	VOCs, GC, GP	2,620
Cedarville Aquifer	1,2,2A,3,3A,	1,2,4,5,6,7,16B,29,39	A,B,C,E,D,F	Ground Water	VOCs, SVOCs, PAHs, Metals, GC, GP	30,587
						Total = 70,020

AOI = Area of Interest (see Table 21 for definition of each AOI)
SWMU = Solid Waste Management Unit (see Table 14 for definition of each SWMU)
AOC = Area of Concern (see Table 14 for definition of each AOC)
NA = Not Applicable
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
PAHs = Polynuclear Aromatic Hydrocarbons
Metals* = Copper, Arsenic, Zinc
PCBs = Polychlorinated Biphenyls
GC = General Chemistry (see Table 6 for a complete listing of analytes)
GP = Geological Properties (see Table 6 for a complete listing of analytes)

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TABLE 24: Summary of Detected Compounds and Sample Quantitation Limits

Sample Media	Analytical Group	Analyte	Units	Number of Samples	Number of Detects	Percent of Detects	Quantitation Limit Range		Detected Concentration Range	
							Min	Max	Min	Max
AIR	VOLATILES	1,1,1-TRICHLOROETHANE	PPB(V/V)	14	10	71.4%	0.39	0.76	0.24	1.8
AIR	VOLATILES	1,1,2,2-TETRACHLOROETHANE	PPB(V/V)	14			0.39	0.76		
AIR	VOLATILES	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	PPB(V/V)	14	2	14.3%	0.39	0.76	0.2	0.23
AIR	VOLATILES	1,1,2-TRICHLOROETHANE	PPB(V/V)	14			0.39	0.76		
AIR	VOLATILES	1,1-DICHLOROETHANE	PPB(V/V)	14			0.39	0.76		
AIR	VOLATILES	1,1-DICHLOROETHENE	PPB(V/V)	14	2	14.3%	0.39	0.76	1	1.1
AIR	VOLATILES	1,2,4-TRICHLOROBENZENE	PPB(V/V)	14			0.39	0.76		
AIR	VOLATILES	1,2,4-TRIMETHYLBENZENE	PPB(V/V)	14	5	35.7%	0.39	0.76	0.2	0.31
AIR	VOLATILES	1,2-DIBROMOETHANE (EDB)	PPB(V/V)	14			0.39	0.76		
AIR	VOLATILES	1,2-DICHLORO-1,1,2,2-TETRAFLUOROETHANE	PPB(V/V)	14			0.39	0.76		
AIR	VOLATILES	1,2-DICHLOROBENZENE	PPB(V/V)	14			0.39	0.76		
AIR	VOLATILES	1,2-DICHLOROETHANE	PPB(V/V)	14			0.39	0.76		
AIR	VOLATILES	1,2-DICHLOROPROPANE	PPB(V/V)	14			0.39	0.76		
AIR	VOLATILES	1,3,5-TRIMETHYLBENZENE	PPB(V/V)	14			0.39	0.76		
AIR	VOLATILES	1,3-BUTADIENE	PPB(V/V)	8			0.39	0.74		
AIR	VOLATILES	1,3-DICHLOROBENZENE	PPB(V/V)	14			0.39	0.76		
AIR	VOLATILES	1,4-DICHLOROBENZENE	PPB(V/V)	14	6	42.9%	0.39	0.76	0.26	0.61
AIR	VOLATILES	1-BUTANOL	PPB(V/V)	8	3	37.5%	0.96	1.9	0.9	0.95
AIR	VOLATILES	2-BUTANONE (MEK)	PPB(V/V)	8	7	87.5%	0.96	1.9	0.7	3.2
AIR	VOLATILES	2-HEXANONE	PPB(V/V)	8			0.96	1.9		
AIR	VOLATILES	3-CHLOROPROPENE	PPB(V/V)	8			0.39	0.74		
AIR	VOLATILES	4-METHYL-2-PENTANONE (MIBK)	PPB(V/V)	8	2	25.0%	0.96	1.9	9.5	10
AIR	VOLATILES	ACETONE	PPB(V/V)	8	8	100.0%	9.6	19	20	140
AIR	VOLATILES	ACETONITRILE	PPB(V/V)	8			1.9	3.7		
AIR	VOLATILES	ACROLEIN	PPB(V/V)	8	2	25.0%	0.96	1.9	0.64	1.4
AIR	VOLATILES	ACRYLONITRILE	PPB(V/V)	8			0.96	1.9		
AIR	VOLATILES	ALPHA-METHYLSTYRENE	PPB(V/V)	8			0.39	0.74		
AIR	VOLATILES	BENZENE	PPB(V/V)	14	8	57.1%	0.39	0.76	0.34	0.94
AIR	VOLATILES	BENZYL CHLORIDE	PPB(V/V)	14			0.39	0.76		
AIR	VOLATILES	BROMODICHLOROMETHANE	PPB(V/V)	8			0.39	0.74		
AIR	VOLATILES	BROMOFORM	PPB(V/V)	8			0.39	0.74		
AIR	VOLATILES	BROMOMETHANE	PPB(V/V)	14	2	14.3%	0.39	0.76	0.8	0.84
AIR	VOLATILES	CARBON DISULFIDE	PPB(V/V)	8	3	37.5%	0.39	0.74	0.23	0.58
AIR	VOLATILES	CARBON TETRACHLORIDE	PPB(V/V)	14			0.39	0.76		
AIR	VOLATILES	CHLOROBENZENE	PPB(V/V)	14			0.39	0.76		
AIR	VOLATILES	CHLORODIFLUOROMETHANE	PPB(V/V)	8	8	100.0%	0.39	0.74	0.93	12
AIR	VOLATILES	CHLOROETHANE	PPB(V/V)	14			0.39	0.76		
AIR	VOLATILES	CHLOROFORM	PPB(V/V)	14			0.39	0.76		
AIR	VOLATILES	CHLOROMETHANE	PPB(V/V)	14	7	50.0%	0.96	1.9	0.68	0.8
AIR	VOLATILES	CIS-1,2-DICHLOROETHENE	PPB(V/V)	14	5	35.7%	0.39	0.76	0.18	0.72
AIR	VOLATILES	CIS-1,3-DICHLOROPROPENE	PPB(V/V)	14			0.39	0.76		
AIR	VOLATILES	CUMENE	PPB(V/V)	8			0.39	0.74		
AIR	VOLATILES	CYCLOHEXANE	PPB(V/V)	8	2	25.0%	0.96	1.9	0.27	0.31
AIR	VOLATILES	DIBROMOCHLOROMETHANE	PPB(V/V)	8			0.39	0.74		
AIR	VOLATILES	DIBROMOMETHANE	PPB(V/V)	8			0.39	0.74		
AIR	VOLATILES	DICHLORODIFLUOROMETHANE	PPB(V/V)	14	14	100.0%	0.39	0.76	0.67	13
AIR	VOLATILES	ETHYL ETHER	PPB(V/V)	8			0.96	1.9		
AIR	VOLATILES	ETHYLBENZENE	PPB(V/V)	14	1	7.1%	0.39	0.76	0.19	0.19
AIR	VOLATILES	HEXACHLOROBUTADIENE	PPB(V/V)	14			0.39	0.76		
AIR	VOLATILES	METHANOL	PPB(V/V)	8	8	100.0%	19	37	11	72
AIR	VOLATILES	METHYL TERT-BUTYL ETHER	PPB(V/V)	8			0.96	1.9		
AIR	VOLATILES	METHYLENE CHLORIDE	PPB(V/V)	14	2	14.3%	0.48	1.9	0.48	0.79
AIR	VOLATILES	M-XYLENE & P-XYLENE	PPB(V/V)	14	10	71.4%	0.39	0.76	0.17	0.91
AIR	VOLATILES	NAPHTHALENE	PPB(V/V)	8			0.39	0.74		
AIR	VOLATILES	N-BUTANE	PPB(V/V)	8	8	100.0%	0.39	0.74	1.1	8.1
AIR	VOLATILES	N-DECANE	PPB(V/V)	8	8	100.0%	0.39	0.74	0.34	7.8
AIR	VOLATILES	N-DODECANE	PPB(V/V)	8	2	25.0%	0.39	0.74	0.38	0.42
AIR	VOLATILES	N-HEPTANE	PPB(V/V)	8	7	87.5%	0.39	0.74	0.29	0.39
AIR	VOLATILES	N-HEXANE	PPB(V/V)	8	7	87.5%	0.39	0.74	0.14	0.8
AIR	VOLATILES	N-OCTANE	PPB(V/V)	8			0.39	0.74		
AIR	VOLATILES	NONANE	PPB(V/V)	8	7	87.5%	0.39	0.74	0.28	1.8
AIR	VOLATILES	N-PROPYLBENZENE	PPB(V/V)	8			0.39	0.74		
AIR	VOLATILES	N-UNDECANE	PPB(V/V)	8	7	87.5%	0.39	0.74	0.61	2.4
AIR	VOLATILES	O-XYLENE	PPB(V/V)	14	1	7.1%	0.39	0.76	0.21	0.21
AIR	VOLATILES	PENTANE	PPB(V/V)	8			0.96	1.9		
AIR	VOLATILES	STYRENE	PPB(V/V)	14			0.39	0.76		
AIR	VOLATILES	TETRACHLOROETHENE	PPB(V/V)	14	13	92.9%	0.39	0.76	0.24	5.7
AIR	VOLATILES	TOLUENE	PPB(V/V)	14	14	100.0%	0.39	0.76	1.1	6.7
AIR	VOLATILES	TRANS-1,2-DICHLOROETHENE	PPB(V/V)	8			0.39	0.74		
AIR	VOLATILES	TRANS-1,3-DICHLOROPROPENE	PPB(V/V)	14			0.39	0.76		
AIR	VOLATILES	TRICHLOROETHENE	PPB(V/V)	14	5	35.7%	0.39	0.76	0.24	0.68
AIR	VOLATILES	TRICHLOROFLUOROMETHANE	PPB(V/V)	14	10	71.4%	0.39	0.76	0.31	1.3
AIR	VOLATILES	VINYL ACETATE	PPB(V/V)	8	1	12.5%	0.96	1.9	1.2	1.2
AIR	VOLATILES	VINYL CHLORIDE	PPB(V/V)	14			0.39	0.76		

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TABLE 24: Summary of Detected Compounds and Sample Quantitation Limits

Sample Media	Analytical Group	Analyte	Units	Number of Samples	Number of Detects	Percent of Detects	Quantitation Limit Range		Detected Concentration Range	
							Min	Max	Min	Max
LIQUID	GENERAL CHEM	CHLORIDE	MG/L	21	21	100.0%	1	4	8.7	413
LIQUID	GENERAL CHEM	DISS HEXAVALENT CR-DISS	MG/L	37	2	5.4%	0.02	100	0.03	0.05
LIQUID	GENERAL CHEM	HARDNESS, AS CACO3	MG/L	3	3	100.0%	2	10	380	500
LIQUID	GENERAL CHEM	HEXAVALENT CHROMIUM	MG/L	38	11	28.9%	0.02	100	0.02	0.02
LIQUID	GENERAL CHEM	N-HEXANE EXTRACTABLE MATERIAL	MG/L	1			5	5		
LIQUID	GENERAL CHEM	NITRATE	MG/L	21	20	95.2%	0.5	2	0.12	18.2
LIQUID	GENERAL CHEM	NITRITE	MG/L	6			0.5	0.5		
LIQUID	GENERAL CHEM	PHOSPHATE AS P, ORTHO	MG/L	6			0.5	0.5		
LIQUID	GENERAL CHEM	SULFATE	MG/L	24	24	100.0%	1	20	20.1	152
LIQUID	GENERAL CHEM	TOTAL ALKALINITY	MG/L	21	21	100.0%	5	50	250	390
LIQUID	GENERAL CHEM	TOTAL DISSOLVED SOLIDS	MG/L	3	3	100.0%	10	10	480	500
LIQUID	GENERAL CHEM	TOTAL ORGANIC CARBON	MG/L	23	20	87.0%	1	1	0.9	3
LIQUID	GENERAL CHEM	TOTAL SULFIDE	MG/L	15			0.5	1		
LIQUID	HERBICIDES	2,4,5-T	UG/L	10			1	1		
LIQUID	HERBICIDES	2,4,5-TP (SILVEX)	UG/L	10			1	1		
LIQUID	HERBICIDES	2,4-D	UG/L	10			4	4		
LIQUID	METALS	ARSENIC	MG/L	83	2	2.4%	0.01	0.01	0.011	0.014
LIQUID	METALS	ARSENIC-DISS	MG/L	1			0.01	0.01		
LIQUID	METALS	BARIUM	MG/L	83	9	10.8%	0.2	0.2	0.2	0.28
LIQUID	METALS	BARIUM-DISS	MG/L	1	1	100.0%	0.2	0.2	0.34	0.34
LIQUID	METALS	CADMIUM	MG/L	83			0.002	0.005		
LIQUID	METALS	CADMIUM-DISS	MG/L	1			0.005	0.005		
LIQUID	METALS	CHROMIUM	MG/L	160	34	21.3%	0.005	0.01	0.0018	0.56
LIQUID	METALS	CHROMIUM-DISS	MG/L	35	11	31.4%	0.01	0.01	0.015	0.5
LIQUID	METALS	COPPER	MG/L	32	14	43.8%	0.025	0.025	0.0018	0.011
LIQUID	METALS	IRON	MG/L	49	43	87.8%	0.1	0.1	0.12	20.9
LIQUID	METALS	IRON-DISS	MG/L	55	3	5.5%	0.1	0.5	0.11	0.74
LIQUID	METALS	LEAD	MG/L	83			0.003	0.003		
LIQUID	METALS	LEAD-DISS	MG/L	1	1	100.0%	0.003	0.003	0.0079	0.0079
LIQUID	METALS	MAGNESIUM	MG/L	3	3	100.0%	5	5	39.9	45.7
LIQUID	METALS	MANGANESE	MG/L	50	45	90.0%	0.015	1.5	0.03	2240
LIQUID	METALS	MANGANESE-DISS	MG/L	55	42	76.4%	0.015	1.5	0.018	1810
LIQUID	METALS	MERCURY	MG/L	83			0.0002	0.0002		
LIQUID	METALS	MERCURY-DISS	MG/L	1			0.0002	0.0002		
LIQUID	METALS	MOLYBDENUM	MG/L	1			0.01	0.01		
LIQUID	METALS	POTASSIUM	MG/L	46	45	97.8%	5	500	5.8	5570
LIQUID	METALS	POTASSIUM-DISS	MG/L	34	34	100.0%	5	500	6.1	5660
LIQUID	METALS	SELENIUM	MG/L	83	8	9.6%	0.005	0.005	0.005	0.015
LIQUID	METALS	SELENIUM-DISS	MG/L	1			0.005	0.005		
LIQUID	METALS	SILVER	MG/L	83			0.005	0.01		
LIQUID	METALS	SILVER-DISS	MG/L	1			0.01	0.01		
LIQUID	METALS	ZINC	MG/L	32	1	3.1%	0.02	0.05	0.017	0.017
LIQUID	PAHS	1-METHYLNAPHTHALENE	UG/L	55			1	20		
LIQUID	PAHS	2-METHYLNAPHTHALENE	UG/L	55			1	20		
LIQUID	PAHS	ACENAPHTHENE	UG/L	73			1	10		
LIQUID	PAHS	ACENAPHTHYLENE	UG/L	73	9	12.3%	1	10	2.3	180
LIQUID	PAHS	ANTHRACENE	UG/L	73	1		0.047	20	0.1	0.1
LIQUID	PAHS	BENZO(A)ANTHRACENE	UG/L	73			0.1	1		
LIQUID	PAHS	BENZO(A)PYRENE	UG/L	73			0.1	1		
LIQUID	PAHS	BENZO(B)FLUORANTHENE	UG/L	73	1	1.3%	0.047	1	0.17	0.17
LIQUID	PAHS	BENZO(GHI)PERYLENE	UG/L	73	1	1.3%	0.1	1	0.16	0.16
LIQUID	PAHS	BENZO(K)FLUORANTHENE	UG/L	73	1	1.3%	0.047	1	0.072	0.072
LIQUID	PAHS	CHRYSENE	UG/L	73	1	1.3%	0.1	1	0.13	0.13
LIQUID	PAHS	DIBENZ(A,H)ANTHRACENE	UG/L	73			0.1	1		
LIQUID	PAHS	FLUORANTHENE	UG/L	73	2	2.70%	0.1	1	0.22	0.38
LIQUID	PAHS	FLUORENE	UG/L	73	1	1.30%	1	10	0.16	0.16
LIQUID	PAHS	INDENO(1,2,3-CD)PYRENE	UG/L	73			0.1	1		
LIQUID	PAHS	NAPHTHALENE	UG/L	73			1	20		
LIQUID	PAHS	PHENANTHRENE	UG/L	73	1		0.094	10	0.41	0.41
LIQUID	PAHS	PYRENE	UG/L	73	3	4.10%	0.1	1	0.17	0.37
LIQUID	PCB AROCLORS	AROCLOR 1016	UG/L	14			1	1		
LIQUID	PCB AROCLORS	AROCLOR 1221	UG/L	14			1	1		
LIQUID	PCB AROCLORS	AROCLOR 1232	UG/L	14			1	1		
LIQUID	PCB AROCLORS	AROCLOR 1242	UG/L	14			1	1		
LIQUID	PCB AROCLORS	AROCLOR 1248	UG/L	14			1	1		
LIQUID	PCB AROCLORS	AROCLOR 1254	UG/L	14			1	1		
LIQUID	PCB AROCLORS	AROCLOR 1260	UG/L	14			1	1		

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TABLE 24: Summary of Detected Compounds and Sample Quantitation Limits

Sample Media	Analytical Group	Analyte	Units	Number of Samples	Number of Detects	Percent of Detects	Quantitation Limit Range		Detected Concentration Range	
							Min	Max	Min	Max
LIQUID	PESTICIDES	4,4'-DDD	UG/L	14			0.05	0.05		
LIQUID	PESTICIDES	4,4'-DDE	UG/L	14			0.05	0.05		
LIQUID	PESTICIDES	4,4'-DDT	UG/L	14			0.05	0.05		
LIQUID	PESTICIDES	ALDRIN	UG/L	14			0.05	0.05		
LIQUID	PESTICIDES	ALPHA-BHC	UG/L	14			0.05	0.05		
LIQUID	PESTICIDES	ALPHA-CHLORDANE	UG/L	14			0.05	0.05		
LIQUID	PESTICIDES	BETA-BHC	UG/L	14			0.05	0.05		
LIQUID	PESTICIDES	DELTA-BHC	UG/L	14			0.05	0.05		
LIQUID	PESTICIDES	DIELDRIN	UG/L	14			0.05	0.05		
LIQUID	PESTICIDES	ENDOSULFAN I	UG/L	14			0.05	0.05		
LIQUID	PESTICIDES	ENDOSULFAN II	UG/L	14			0.05	0.05		
LIQUID	PESTICIDES	ENDOSULFAN SULFATE	UG/L	14			0.05	0.05		
LIQUID	PESTICIDES	ENDRIN	UG/L	14			0.05	0.05		
LIQUID	PESTICIDES	ENDRIN ALDEHYDE	UG/L	14			0.05	0.05		
LIQUID	PESTICIDES	ENDRIN KETONE	UG/L	14			0.05	0.05		
LIQUID	PESTICIDES	GAMMA-BHC (LINDANE)	UG/L	14			0.05	0.05		
LIQUID	PESTICIDES	GAMMA-CHLORDANE	UG/L	14			0.05	0.05		
LIQUID	PESTICIDES	HEPTACHLOR	UG/L	14			0.05	0.05		
LIQUID	PESTICIDES	HEPTACHLOR EPOXIDE	UG/L	14			0.05	0.05		
LIQUID	PESTICIDES	METHOXYCHLOR	UG/L	14			0.1	0.1		
LIQUID	PESTICIDES	TOXAPHENE	UG/L	14			2	2		
LIQUID	SEMI-VOLATILES	1,1'-BIPHENYL	UG/L	38			10	25		
LIQUID	SEMI-VOLATILES	1,2,4-TRICHLOROBENZENE	UG/L	15			10	10		
LIQUID	SEMI-VOLATILES	1,2-DICHLOROBENZENE	UG/L	15			10	10		
LIQUID	SEMI-VOLATILES	1,3-DICHLOROBENZENE	UG/L	15			10	10		
LIQUID	SEMI-VOLATILES	1,4-DICHLOROBENZENE	UG/L	15			10	10		
LIQUID	SEMI-VOLATILES	2,2'-OXYBIS(1-CHLOROPROPANE)	UG/L	52			10	25		
LIQUID	SEMI-VOLATILES	2,4,5-TRICHLOROPHENOL	UG/L	52			10	25		
LIQUID	SEMI-VOLATILES	2,4,6-TRICHLOROPHENOL	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	2,4-DICHLOROPHENOL	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	2,4-DIMETHYLPHENOL	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	2,4-DINITROPHENOL	UG/L	53			50	120		
LIQUID	SEMI-VOLATILES	2,4-DINITROTOLUENE	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	2,6-DINITROTOLUENE	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	2-CHLORONAPHTHALENE	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	2-CHLOROPHENOL	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	2-METHYL-4,6-DINITROPHENOL	UG/L	1			50	50		
LIQUID	SEMI-VOLATILES	2-METHYLNAPHTHALENE	UG/L	52			10	25		
LIQUID	SEMI-VOLATILES	2-METHYLPHENOL	UG/L	52			10	25		
LIQUID	SEMI-VOLATILES	2-NITROANILINE	UG/L	52			50	120		
LIQUID	SEMI-VOLATILES	2-NITROPHENOL	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	3,3'-DICHLOROBENZIDINE	UG/L	53			10	120		
LIQUID	SEMI-VOLATILES	3-NITROANILINE	UG/L	52			50	120		
LIQUID	SEMI-VOLATILES	4,6-DINITRO-2-METHYLPHENOL	UG/L	52			50	120		
LIQUID	SEMI-VOLATILES	4-BROMOPHENYL PHENYL ETHER	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	4-CHLORO-3-METHYLPHENOL	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	4-CHLOROANILINE	UG/L	52			10	25		
LIQUID	SEMI-VOLATILES	4-CHLOROPHENYL PHENYL ETHER	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	4-METHYLPHENOL	UG/L	52			10	25		
LIQUID	SEMI-VOLATILES	4-NITROANILINE	UG/L	52			50	120		
LIQUID	SEMI-VOLATILES	4-NITROPHENOL	UG/L	53			50	120		
LIQUID	SEMI-VOLATILES	ACENAPHTHENE	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	ACENAPHTHYLENE	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	ACETOPHENONE	UG/L	38			10	25		
LIQUID	SEMI-VOLATILES	ANTHRACENE	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	AROCLOR 1016	UG/L	1			1	1		
LIQUID	SEMI-VOLATILES	AROCLOR 1221	UG/L	1			1	1		
LIQUID	SEMI-VOLATILES	AROCLOR 1232	UG/L	1			1	1		
LIQUID	SEMI-VOLATILES	AROCLOR 1242	UG/L	1			1	1		
LIQUID	SEMI-VOLATILES	AROCLOR 1248	UG/L	1			1	1		
LIQUID	SEMI-VOLATILES	AROCLOR 1254	UG/L	1			1	1		
LIQUID	SEMI-VOLATILES	AROCLOR 1260	UG/L	1			1	1		
LIQUID	SEMI-VOLATILES	ATRAZINE	UG/L	38			10	25		
LIQUID	SEMI-VOLATILES	BENZALDEHYDE	UG/L	38			10	25		
LIQUID	SEMI-VOLATILES	BENZO(A)ANTHRACENE	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	BENZO(A)PYRENE	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	BENZO(B)FLUORANTHENE	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	BENZO(GHI)PERYLENE	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	BENZO(K)FLUORANTHENE	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	BIS(2-CHLOROETHOXY)METHANE	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	BIS(2-CHLOROETHYL) ETHER	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	BIS(2-CHLOROISOPROPYL) ETHER	UG/L	1			10	10		
LIQUID	SEMI-VOLATILES	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	53	8	15.1%	10	25	3	68
LIQUID	SEMI-VOLATILES	BUTYL BENZYL PHTHALATE	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	CAPROLACTAM	UG/L	38			10	25		
LIQUID	SEMI-VOLATILES	CARBAZOLE	UG/L	52			10	25		
LIQUID	SEMI-VOLATILES	CHRYSENE	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	DIBENZ(A,H)ANTHRACENE	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	DIBENZOFURAN	UG/L	52			10	25		
LIQUID	SEMI-VOLATILES	DIETHYL PHTHALATE	UG/L	53	1	1.9%	10	25	1	1
LIQUID	SEMI-VOLATILES	DIMETHYL PHTHALATE	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	DI-N-BUTYL PHTHALATE	UG/L	53	2	3.8%	10	25	1.5	1.5
LIQUID	SEMI-VOLATILES	DI-N-OCTYL PHTHALATE	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	FLUORANTHENE	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	FLUORENE	UG/L	53			10	25		

The Payne Firm, Inc.

TABLE 24: Summary of Detected Compounds and Sample Quantitation Limits

Sample Media	Analytical Group	Analyte	Units	Number of Samples	Number of Detects	Percent of Detects	Quantitation Limit Range		Detected Concentration Range	
							Min	Max	Min	Max
LIQUID	SEMI-VOLATILES	HEXACHLOROBENZENE	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	HEXACHLOROBUTADIENE	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	HEXACHLOROCYCLOPENTADIENE	UG/L	52			50	120		
LIQUID	SEMI-VOLATILES	HEXACHLOROETHANE	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	INDENO(1,2,3-CD)PYRENE	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	ISOPHORONE	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	NAPHTHALENE	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	NITROBENZENE	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	N-NITROSODI-N-PROPYLAMINE	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	N-NITROSODIPHENYLAMINE	UG/L	52			10	25		
LIQUID	SEMI-VOLATILES	PENTACHLOROPHENOL	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	PHENANTHRENE	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	PHENOL	UG/L	53			10	25		
LIQUID	SEMI-VOLATILES	PYRENE	UG/L	53			10	25		
LIQUID	VOLATILES	1,1,1-TRICHLOROETHANE	UG/L	733	26	3.5%	1	7100	0.16	1000
LIQUID	VOLATILES	1,1,2,2-TETRACHLOROETHANE	UG/L	733			1	7100		
LIQUID	VOLATILES	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG/L	445	126	28.3%	1	500	0.26	3900
LIQUID	VOLATILES	1,1,2-TRICHLOROETHANE	UG/L	733			1	7100		
LIQUID	VOLATILES	1,1-DICHLOROETHANE	UG/L	733	39	5.3%	1	7100	0.15	1900
LIQUID	VOLATILES	1,1-DICHLOROETHENE	UG/L	733	3	0.4%	1	7100	0.34	0.56
LIQUID	VOLATILES	1,2,4-TRICHLOROBENZENE	UG/L	371	9	2.4%	1	500	0.17	8.9
LIQUID	VOLATILES	1,2-DIBROMO-3-CHLOROPROPANE	UG/L	371			2	1000		
LIQUID	VOLATILES	1,2-DIBROMOETHANE	UG/L	371			1	500		
LIQUID	VOLATILES	1,2-DICHLOROBENZENE	UG/L	372			1	500		
LIQUID	VOLATILES	1,2-DICHLOROETHANE	UG/L	694			1	1200		
LIQUID	VOLATILES	1,2-DICHLOROETHENE (TOTAL)	UG/L	361	130	36.0%	1	7100	0.29	17000
LIQUID	VOLATILES	1,2-DICHLOROPROPANE	UG/L	733	70	9.5%	1	7100	0.19	810
LIQUID	VOLATILES	1,3-DICHLOROBENZENE	UG/L	372			1	500		
LIQUID	VOLATILES	1,4-DICHLOROBENZENE	UG/L	372			1	500		
LIQUID	VOLATILES	2-BUTANONE	UG/L	732	52	7.1%	10	71000	0.36	260
LIQUID	VOLATILES	2-CHLOROETHYL VINYL ETHER	UG/L	1						
LIQUID	VOLATILES	2-HEXANONE	UG/L	732	1	0.1%	10	71000	0.66	0.66
LIQUID	VOLATILES	4-METHYL-2-PENTANONE	UG/L	732	5	0.7%	5	71000	0.35	12
LIQUID	VOLATILES	ACETONE	UG/L	731	166	22.7%	10	71000	0.68	1700
LIQUID	VOLATILES	BENZENE	UG/L	734	102	13.9%	1	7100	0.12	4.7
LIQUID	VOLATILES	BROMODICHLOROMETHANE	UG/L	733	13	1.8%	1	7100	0.31	2.2
LIQUID	VOLATILES	BROMOFORM	UG/L	733			1	7100		
LIQUID	VOLATILES	BROMOMETHANE	UG/L	733	3	0.4%	1	14000	0.25	12
LIQUID	VOLATILES	CARBON DISULFIDE	UG/L	732	13	1.8%	1	7100	0.11	6.5
LIQUID	VOLATILES	CARBON TETRACHLORIDE	UG/L	733	3	0.4%	1	7100	0.21	3.2
LIQUID	VOLATILES	CHLOROBENZENE	UG/L	733			1	7100		
LIQUID	VOLATILES	CHLOROETHANE	UG/L	733	1	0.1%	1	14000	0.34	0.34
LIQUID	VOLATILES	CHLOROFORM	UG/L	733	26	3.5%	1	7100	0.13	21
LIQUID	VOLATILES	CHLOROMETHANE	UG/L	733	7	1.0%	1	14000	0.26	1.3
LIQUID	VOLATILES	CIS-1,2-DICHLOROETHENE	UG/L	731	262	35.8%	0.5	3600	0.16	17000
LIQUID	VOLATILES	CIS-1,3-DICHLOROPROPENE	UG/L	733			1	7100		
LIQUID	VOLATILES	CYCLOHEXANE	UG/L	371	46	12.4%	1	500	0.34	1.9
LIQUID	VOLATILES	DIBROMOCHLOROMETHANE	UG/L	733	6	0.8%	1	7100	0.31	1.3
LIQUID	VOLATILES	DICHLORODIFLUOROMETHANE	UG/L	371			1	500		
LIQUID	VOLATILES	ETHANE	MG/L	15			0.002	0.002		
LIQUID	VOLATILES	ETHANE	UG/L	6			0.5	0.5		
LIQUID	VOLATILES	ETHENE	MG/L	15			0.001	0.001		
LIQUID	VOLATILES	ETHENE	UG/L	6			0.5	0.5		
LIQUID	VOLATILES	ETHYLBENZENE	UG/L	734	42	5.7%	1	7100	0.18	0.94
LIQUID	VOLATILES	ISOPROPYLBENZENE	UG/L	371	7	1.9%	1	500	0.17	0.53
LIQUID	VOLATILES	METHANE	MG/L	15	7	46.7%	0.001	0.1	0.0028	1
LIQUID	VOLATILES	METHANE	UG/L	6	6	100.0%	0.5	0.5	0.68	4.7
LIQUID	VOLATILES	METHYL ACETATE	UG/L	371			10	5000		
LIQUID	VOLATILES	METHYL TERT-BUTYL ETHER	UG/L	371			5	2500		
LIQUID	VOLATILES	METHYLCYCLOHEXANE	UG/L	371	74	19.9%	1	500	0.24	1.4
LIQUID	VOLATILES	METHYLENE CHLORIDE	UG/L	732	75	10.2%	1	7100	0.29	2600
LIQUID	VOLATILES	N-HEXANE	UG/L	361	10	2.8%	1	7100	0.15	1.2
LIQUID	VOLATILES	STYRENE	UG/L	732			1	7100		
LIQUID	VOLATILES	TETRACHLOROETHENE	UG/L	732	388	53.0%	1	7100	0.16	160000
LIQUID	VOLATILES	TOLUENE	UG/L	734	159	21.7%	1	7100	0.18	49
LIQUID	VOLATILES	TRANS-1,2-DICHLOROETHENE	UG/L	733	13	1.8%	0.5	3600	0.1	5.8
LIQUID	VOLATILES	TRANS-1,3-DICHLOROPROPENE	UG/L	733			1	7100		
LIQUID	VOLATILES	TRICHLOROETHENE	UG/L	732	336	45.9%	1	7100	0.11	4700
LIQUID	VOLATILES	TRICHLOROFLUOROMETHANE	UG/L	372			1	500		
LIQUID	VOLATILES	VINYL CHLORIDE	UG/L	732	13	1.8%	1	14000	0.26	760
LIQUID	VOLATILES	XYLENES (TOTAL)	UG/L	733	33	4.5%	1	7100	0.48	5.5
SOLID	GENERAL CHEM	TOTAL ORGANIC CARBON	MG/KG	15	15	100.0%	11	250	11	20000
SOLID	GENERAL CHEM	TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	MG/KG	130	71	54.6%	10	1300	10	13000
SOLID	HERBICIDES	2,4,5-T	UG/KG	15			20	26		
SOLID	HERBICIDES	2,4,5-TP (SILVEX)	UG/KG	15			20	26		
SOLID	HERBICIDES	2,4-D	UG/KG	15			80	100		
SOLID	METALS	ARSENIC	MG/KG	255	255	100.0%	1	1.3	1.1	25.3
SOLID	METALS	BARIUM	MG/KG	179	174	97.2%	20	26.8	12.2	199
SOLID	METALS	CADMIUM	MG/KG	179	13	7.3%	0.5	0.67	0.037	1.6
SOLID	METALS	CHROMIUM	MG/KG	179	179	100.0%	1	1.3	4	23.2
SOLID	METALS	COPPER	MG/KG	87	87	100.0%	2.6	3.4	4.1	34
SOLID	METALS	LEAD	MG/KG	179	179	100.0%	0.3	0.5	1.2	102

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TABLE 24: Summary of Detected Compounds and Sample Quantitation Limits

Sample Media	Analytical Group	Analyte	Units	Number of Samples	Number of Detects	Percent of Detects	Quantitation Limit Range		Detected Concentration Range	
							Min	Max	Min	Max
SOLID	METALS	MERCURY	MG/KG	179	10	5.6%	0.1	0.13	0.023	0.55
SOLID	METALS	SELENIUM	MG/KG	179	14	7.8%	0.5	0.67	0.5	0.93
SOLID	METALS	SILVER	MG/KG	179			1	1.3		
SOLID	METALS	ZINC	MG/KG	87	87	100.0%	2.1	2.7	8.3	91
SOLID	PAHS	1-METHYLNAPHTHALENE	UG/KG	114			100	10000		
SOLID	PAHS	2-METHYLNAPHTHALENE	UG/KG	117	1	0.9%	19	10000	23000	23000
SOLID	PAHS	ACENAPHTHENE	UG/KG	133			19	10000		
SOLID	PAHS	ACENAPHTHYLENE	UG/KG	133	10	7.5%	19	10000	33	2400
SOLID	PAHS	ANTHRACENE	UG/KG	133	2	1.5%	3.7	10000	8.1	21
SOLID	PAHS	BENZO(A)ANTHRACENE	UG/KG	133	39	29.3%	3.7	500	5.6	5600
SOLID	PAHS	BENZO(A)PYRENE	UG/KG	133	34	25.6%	3.7	500	5.4	5600
SOLID	PAHS	BENZO(B)FLUORANTHENE	UG/KG	133	48	36.1%	3.7	500	1.8	5400
SOLID	PAHS	BENZO(GHI)PERYLENE	UG/KG	133	26	19.5%	3.7	1000	3.9	1600
SOLID	PAHS	BENZO(K)FLUORANTHENE	UG/KG	133	50	37.6%	1.7	170	1.8	2200
SOLID	PAHS	CHRYSENE	UG/KG	133	46	34.6%	3.7	500	0.75	6000
SOLID	PAHS	DIBENZ(A,H)ANTHRACENE	UG/KG	133	15	11.3%	3.7	500	6.2	2400
SOLID	PAHS	FLUORANTHENE	UG/KG	133	57	42.9%	3.7	1000	0.64	17000
SOLID	PAHS	FLUORENE	UG/KG	133	3	2.3%	3.7	10000	8.4	23
SOLID	PAHS	INDENO(1,2,3-CD)PYRENE	UG/KG	133	38	28.6%	3.7	500	3	3500
SOLID	PAHS	NAPHTHALENE	UG/KG	133	8	6.0%	19	10000	4.5	3200
SOLID	PAHS	PHENANTHRENE	UG/KG	133	13	9.8%	3.7	10000	2.1	19000
SOLID	PAHS	PYRENE	UG/KG	133	79	59.4%	3.7	500	2.2	21000
SOLID	PCB AROCLORS	AROCLOR 1016	UG/KG	28			33	43		
SOLID	PCB AROCLORS	AROCLOR 1221	UG/KG	28			33	43		
SOLID	PCB AROCLORS	AROCLOR 1232	UG/KG	28			33	43		
SOLID	PCB AROCLORS	AROCLOR 1242	UG/KG	28			33	43		
SOLID	PCB AROCLORS	AROCLOR 1248	UG/KG	28			33	43		
SOLID	PCB AROCLORS	AROCLOR 1254	UG/KG	28	1	3.6%	33	43	55	55
SOLID	PCB AROCLORS	AROCLOR 1260	UG/KG	28			33	43		
SOLID	PESTICIDES	4,4'-DDD	UG/KG	17			1.7	8.5		
SOLID	PESTICIDES	4,4'-DDE	UG/KG	17	1	5.9%	1.7	8.5	7.4	7.4
SOLID	PESTICIDES	4,4'-DDT	UG/KG	17			1.7	8.5		
SOLID	PESTICIDES	ALDRIN	UG/KG	17			1.7	8.5		
SOLID	PESTICIDES	ALPHA-BHC	UG/KG	17			1.7	8.5		
SOLID	PESTICIDES	ALPHA-CHLORDANE	UG/KG	17			1.7	8.5		
SOLID	PESTICIDES	BETA-BHC	UG/KG	17			1.7	8.5		
SOLID	PESTICIDES	DELTA-BHC	UG/KG	17			1.7	8.5		
SOLID	PESTICIDES	DIELDRIN	UG/KG	17			1.7	8.5		
SOLID	PESTICIDES	ENDOSULFAN I	UG/KG	17			1.7	8.5		
SOLID	PESTICIDES	ENDOSULFAN II	UG/KG	17			1.7	8.5		
SOLID	PESTICIDES	ENDOSULFAN SULFATE	UG/KG	17			1.7	8.5		
SOLID	PESTICIDES	ENDRIN	UG/KG	17			1.7	8.5		
SOLID	PESTICIDES	ENDRIN ALDEHYDE	UG/KG	17			1.7	8.5		
SOLID	PESTICIDES	ENDRIN KETONE	UG/KG	17			1.7	8.5		
SOLID	PESTICIDES	GAMMA-BHC (LINDANE)	UG/KG	17			1.7	8.5		
SOLID	PESTICIDES	GAMMA-CHLORDANE	UG/KG	17			1.7	8.5		
SOLID	PESTICIDES	HEPTACHLOR	UG/KG	17			1.7	8.5		
SOLID	PESTICIDES	HEPTACHLOR EPOXIDE	UG/KG	17			1.7	8.5		
SOLID	PESTICIDES	METHOXYCHLOR	UG/KG	17			3.3	16		
SOLID	PESTICIDES	TOXAPHENE	UG/KG	17			67	340		
SOLID	SEMI-VOLATILES	1,1'-BIPHENYL	UG/KG	53			340	17000		
SOLID	SEMI-VOLATILES	1,2,4-TRICHLOROBENZENE	UG/KG	30			330	1300		
SOLID	SEMI-VOLATILES	1,2-DICHLOROBENZENE	UG/KG	30			330	1300		
SOLID	SEMI-VOLATILES	1,3-DICHLOROBENZENE	UG/KG	30			330	1300		
SOLID	SEMI-VOLATILES	1,4-DICHLOROBENZENE	UG/KG	30			330	1300		
SOLID	SEMI-VOLATILES	1-METHYLNAPHTHALENE	UG/KG	50			350	8300		
SOLID	SEMI-VOLATILES	2,2'-OXYBIS(1-CHLOROPROPANE)	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	2,4,5-TRICHLOROPHENOL	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	2,4,6-TRICHLOROPHENOL	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	2,4-DICHLOROPHENOL	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	2,4-DIMETHYLPHENOL	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	2,4-DINITROPHENOL	UG/KG	83			1600	82000		
SOLID	SEMI-VOLATILES	2,4-DINITROTOLUENE	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	2,6-DINITROTOLUENE	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	2-CHLORONAPHTHALENE	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	2-CHLOROPHENOL	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	2-METHYLNAPHTHALENE	UG/KG	133			330	17000		
SOLID	SEMI-VOLATILES	2-METHYLPHENOL	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	2-NITROANILINE	UG/KG	83			1600	82000		
SOLID	SEMI-VOLATILES	2-NITROPHENOL	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	3,3'-DICHLOROBENZIDINE	UG/KG	83			1600	82000		
SOLID	SEMI-VOLATILES	3-NITROANILINE	UG/KG	83			1600	82000		
SOLID	SEMI-VOLATILES	4,6-DINITRO-2-METHYLPHENOL	UG/KG	83			1600	82000		
SOLID	SEMI-VOLATILES	4-BROMOPHENYL PHENYL ETHER	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	4-CHLORO-3-METHYLPHENOL	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	4-CHLOROANILINE	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	4-CHLOROPHENYL PHENYL ETHER	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	4-METHYLPHENOL	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	4-NITROANILINE	UG/KG	83			1600	82000		
SOLID	SEMI-VOLATILES	4-NITROPHENOL	UG/KG	83			1600	82000		
SOLID	SEMI-VOLATILES	ACENAPHTHENE	UG/KG	133	1	0.8%	330	17000	93	93

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TABLE 24: Summary of Detected Compounds and Sample Quantitation Limits

Sample Media	Analytical Group	Analyte	Units	Number of Samples	Number of Detects	Percent of Detects	Quantitation Limit Range		Detected Concentration Range	
							Min	Max	Min	Max
SOLID	SEMI-VOLATILES	ACENAPHTHYLENE	UG/KG	133	3	2.3%	330	17000	94	440
SOLID	SEMI-VOLATILES	ACETOPHENONE	UG/KG	53			340	17000		
SOLID	SEMI-VOLATILES	ANTHRACENE	UG/KG	133	6	4.5%	330	17000	27	250
SOLID	SEMI-VOLATILES	ATRAZINE	UG/KG	53			340	17000		
SOLID	SEMI-VOLATILES	BENZALDEHYDE	UG/KG	53			340	17000		
SOLID	SEMI-VOLATILES	BENZO(A)ANTHRACENE	UG/KG	133	16	12.0%	330	17000	21	2600
SOLID	SEMI-VOLATILES	BENZO(A)PYRENE	UG/KG	133	17	12.8%	330	17000	31	3300
SOLID	SEMI-VOLATILES	BENZO(B)FLUORANTHENE	UG/KG	133	17	12.8%	330	17000	46	4100
SOLID	SEMI-VOLATILES	BENZO(GHI)PERYLENE	UG/KG	133	13	9.8%	330	17000	43	2100
SOLID	SEMI-VOLATILES	BENZO(K)FLUORANTHENE	UG/KG	133	12	9.0%	330	17000	26	2100
SOLID	SEMI-VOLATILES	BIS(2-CHLOROETHOXY)METHANE	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	BIS(2-CHLOROETHYL) ETHER	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	BIS(2-ETHYLHEXYL) PHTHALATE	UG/KG	83	13	15.7%	330	17000	31	3300
SOLID	SEMI-VOLATILES	BUTYL BENZYL PHTHALATE	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	CAPROLACTAM	UG/KG	53			340	17000		
SOLID	SEMI-VOLATILES	CARBAZOLE	UG/KG	83	1	1.2%	330	17000	180	180
SOLID	SEMI-VOLATILES	CHRYSENE	UG/KG	133	19	14.3%	330	17000	22	3100
SOLID	SEMI-VOLATILES	DIBENZ(A,H)ANTHRACENE	UG/KG	133	4	3.0%	330	17000	52	900
SOLID	SEMI-VOLATILES	DIBENZOFURAN	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	DIETHYL PHTHALATE	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	DIMETHYL PHTHALATE	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	DI-N-BUTYL PHTHALATE	UG/KG	83	2	2.4%	330	17000	82	82
SOLID	SEMI-VOLATILES	DI-N-OCTYL PHTHALATE	UG/KG	83	3	3.6%	330	17000	66	160
SOLID	SEMI-VOLATILES	FLUORANTHENE	UG/KG	133	21	15.8%	330	17000	35	6500
SOLID	SEMI-VOLATILES	FLUORENE	UG/KG	133	1	0.8%	330	17000	36	36
SOLID	SEMI-VOLATILES	HEXACHLOROBENZENE	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	HEXACHLOROBUTADIENE	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	HEXACHLOROCYCLOPENTADIENE	UG/KG	83			1600	82000		
SOLID	SEMI-VOLATILES	HEXACHLOROETHANE	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	INDENO(1,2,3-CD)PYRENE	UG/KG	133	14	10.5%	330	17000	33	1900
SOLID	SEMI-VOLATILES	ISOPHORONE	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	NAPHTHALENE	UG/KG	133			330	17000		
SOLID	SEMI-VOLATILES	NITROBENZENE	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	N-NITROSODI-N-PROPYLAMINE	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	N-NITROSODIPHENYLAMINE	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	PENTACHLOROPHENOL	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	PHENANTHRENE	UG/KG	133	16	12.0%	330	17000	22	3100
SOLID	SEMI-VOLATILES	PHENOL	UG/KG	83			330	17000		
SOLID	SEMI-VOLATILES	PYRENE	UG/KG	133	22	16.5%	330	17000	27	4700
SOLID	VOLATILES	1,1,1-TRICHLOROETHANE	UG/KG	487			3.6	56000		
SOLID	VOLATILES	1,1,2,2-TETRACHLOROETHANE	UG/KG	487			3.6	56000		
SOLID	VOLATILES	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG/KG	184	37	20.1%	3.9	56000	0.96	1200000
SOLID	VOLATILES	1,1,2-TRICHLOROETHANE	UG/KG	487			3.6	56000		
SOLID	VOLATILES	1,1-DICHLOROETHANE	UG/KG	487	10	2.1%	3.6	56000	0.87	55
SOLID	VOLATILES	1,1-DICHLOROETHENE	UG/KG	487	3	0.6%	3.6	56000	2	6.2
SOLID	VOLATILES	1,2,4-TRICHLOROBENZENE	UG/KG	305	1	0.3%	3.9	56000	0.49	0.49
SOLID	VOLATILES	1,2-DIBROMO-3-CHLOROPROPANE	UG/KG	170			7.8	110000		
SOLID	VOLATILES	1,2-DIBROMOETHANE	UG/KG	170			3.9	56000		
SOLID	VOLATILES	1,2-DICHLOROBENZENE	UG/KG	305	3	1.0%	3.9	56000	2.2	70
SOLID	VOLATILES	1,2-DICHLOROETHANE	UG/KG	487			3.6	56000		
SOLID	VOLATILES	1,2-DICHLOROETHENE (TOTAL)	UG/KG	317	69	21.8%	3.6	36000	5.2	8300
SOLID	VOLATILES	1,2-DICHLOROPROPANE	UG/KG	487	13	2.7%	3.6	56000	0.83	170000
SOLID	VOLATILES	1,3-DICHLOROBENZENE	UG/KG	305	1	0.3%	3.9	56000	0.99	0.99
SOLID	VOLATILES	1,4-DICHLOROBENZENE	UG/KG	305	1	0.3%	3.9	56000	1	1
SOLID	VOLATILES	2-BUTANONE	UG/KG	487	31	6.4%	14	230000	1.9	45
SOLID	VOLATILES	2-HEXANONE	UG/KG	487	1	0.2%	14	230000	1	1
SOLID	VOLATILES	4-METHYL-2-PENTANONE	UG/KG	487	10	2.1%	14	230000	1.9	56
SOLID	VOLATILES	ACETONE	UG/KG	487	110	22.6%	14	230000	5.3	2700
SOLID	VOLATILES	BENZENE	UG/KG	487	7	1.4%	3.6	56000	0.44	2.9
SOLID	VOLATILES	BROMODICHLOROMETHANE	UG/KG	487			3.6	56000		
SOLID	VOLATILES	BROMOFORM	UG/KG	487			3.6	56000		
SOLID	VOLATILES	BROMOMETHANE	UG/KG	487	6	1.2%	3.9	73000	320	760
SOLID	VOLATILES	CARBON DISULFIDE	UG/KG	487	3	0.6%	3.6	56000	1.4	14
SOLID	VOLATILES	CARBON TETRACHLORIDE	UG/KG	487			3.6	56000		
SOLID	VOLATILES	CHLOROBENZENE	UG/KG	487			3.6	56000		
SOLID	VOLATILES	CHLOROETHANE	UG/KG	487	1	0.2%	3.9	73000	60	60
SOLID	VOLATILES	CHLOROFORM	UG/KG	487	1	0.2%	3.6	56000	9.3	9.3
SOLID	VOLATILES	CHLOROMETHANE	UG/KG	487	1	0.2%	3.9	73000	55	55
SOLID	VOLATILES	CIS-1,2-DICHLOROETHENE	UG/KG	487	154	31.6%	1.8	28000	0.7	22000
SOLID	VOLATILES	CIS-1,3-DICHLOROPROPENE	UG/KG	487			3.6	56000		
SOLID	VOLATILES	CYCLOHEXANE	UG/KG	170	2	1.2%	7.8	110000	0.77	2
SOLID	VOLATILES	DIBROMOCHLOROMETHANE	UG/KG	487			3.6	56000		
SOLID	VOLATILES	DICHLORODIFLUOROMETHANE	UG/KG	170	2	1.2%	3.9	56000	3.6	150
SOLID	VOLATILES	ETHYLBENZENE	UG/KG	487	6	1.2%	3.6	56000	0.42	270
SOLID	VOLATILES	HEXACHLOROBUTADIENE	UG/KG	135			10	3500		
SOLID	VOLATILES	ISOPROPYLBENZENE	UG/KG	170	7	4.1%	3.9	56000	0.65	170
SOLID	VOLATILES	METHYL ACETATE	UG/KG	170	42	24.7%	7.8	110000	1.5	15000
SOLID	VOLATILES	METHYL TERT-BUTYL ETHER	UG/KG	170			16	230000		
SOLID	VOLATILES	METHYLCYCLOHEXANE	UG/KG	170	3	1.8%	7.8	110000	1.1	2.7
SOLID	VOLATILES	METHYLENE CHLORIDE	UG/KG	487	81	16.6%	3.6	56000	1	2300
SOLID	VOLATILES	NAPHTHALENE	UG/KG	135			10	3500		
SOLID	VOLATILES	N-HEXANE	UG/KG	317			3.6	36000		

TABLE 24: Summary of Detected Compounds and Sample Quantitation Limits

Sample Media	Analytical Group	Analyte	Units	Number of Samples	Number of Detects	Percent of Detects	Quantitation Limit Range		Detected Concentration Range	
							Min	Max	Min	Max
SOLID	VOLATILES	STYRENE	UG/KG	487			3.6	56000		
SOLID	VOLATILES	TETRACHLOROETHENE	UG/KG	487	209	42.9%	3.6	56000	0.65	1100000
SOLID	VOLATILES	TOLUENE	UG/KG	487	63	12.9%	3.6	56000	0.38	300
SOLID	VOLATILES	TRANS-1,2-DICHLOROETHENE	UG/KG	424	23	5.4%	1.8	28000	0.49	210
SOLID	VOLATILES	TRANS-1,2-DICHLOROETHYLENE	UG/KG	63	6	9.5%	2.5	6200	3.8	14
SOLID	VOLATILES	TRANS-1,3-DICHLOROPROPENE	UG/KG	487			3.6	56000		
SOLID	VOLATILES	TRICHLOROETHENE	UG/KG	487	117	24.0%	3.6	56000	0.42	40000
SOLID	VOLATILES	TRICHLOROFLUOROMETHANE	UG/KG	170			3.9	56000		
SOLID	VOLATILES	VINYL CHLORIDE	UG/KG	487	42	8.6%	3.9	73000	1.4	1000
SOLID	VOLATILES	XYLENES (TOTAL)	UG/KG	487	11	2.3%	3.9	73000	1.1	1600

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TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	UNITS	EQUIPMENT RINSATE 1998-11-05 A8K060128009	EQUIPMENT RINSATE 1998-12-17 A8L240110003	EQUIPMENT RINSATE 1998-12-22 A8L230165010	EQUIPMENT RINSATE 1999-03-26 A9C290117006
1,1,1-TRICHLOROETHANE	ug/L	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	ug/L	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L				
1,1,2-TRICHLOROETHANE	ug/L	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	ug/L	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	ug/L	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	ug/L				
1,2-DIBROMO-3-CHLOROPROPANE	ug/L				
1,2-DIBROMOETHANE	ug/L				
1,2-DICHLOROBENZENE	ug/L				
1,2-DICHLOROETHANE	ug/L	< 1			< 1
1,2-DICHLOROETHENE (TOTAL)	ug/L	< 1	< 1	< 1	< 1
1,2-DICHLOROPROPANE	ug/L	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	ug/L				
1,4-DICHLOROBENZENE	ug/L				
2-BUTANONE	ug/L	< 10	< 10	< 10	< 10
2-HEXANONE	ug/L	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	ug/L	< 10	< 10	< 10	< 10
ACETONE	ug/L	< 10	< 10	< 10	< 10
BENZENE	ug/L	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	ug/L	< 1	< 1	< 1	< 1
BROMOFORM	ug/L	< 1	< 1	< 1	< 1
BROMOMETHANE	ug/L	< 2	< 2	< 2	< 2
CARBON DISULFIDE	ug/L	1.7	0.21 J	< 1	< 1
CARBON TETRACHLORIDE	ug/L	< 1	< 1	< 1	< 1
CHLOROBENZENE	ug/L	< 1	< 1	< 1	5.4
CHLOROETHANE	ug/L	< 2	< 2	< 2	< 2
CHLOROFORM	ug/L	< 1	< 1	< 1	< 1
CHLOROMETHANE	ug/L	< 2	< 2	< 2	< 2
CIS-1,2-DICHLOROETHENE	ug/L	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	ug/L	< 1	< 1	< 1	< 1
CYCLOHEXANE	ug/L				
DIBROMOCHLOROMETHANE	ug/L	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	ug/L				
ETHYLBENZENE	ug/L	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	ug/L				
METHYL ACETATE	ug/L				
METHYL TERT-BUTYL ETHER	ug/L				
METHYLCYCLOHEXANE	ug/L				
METHYLENE CHLORIDE	ug/L	< 1	3	2	< 1
N-HEXANE	ug/L	< 1	< 1	< 1	< 1
STYRENE	ug/L	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	ug/L	< 1	< 1	< 1	< 1
TOLUENE	ug/L	< 1	0.21 J	0.17 J	< 1
TRANS-1,2-DICHLOROETHENE	ug/L	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	ug/L	< 1	< 1	< 1	< 1
TRICHLOROETHENE	ug/L	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	ug/L				
VINYL CHLORIDE	ug/L	< 2	< 2	< 2	< 2
XYLENES (TOTAL)	ug/L	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

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Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	EQUIPMENT RINSATE 1999-04-13 A9D140176020	EQUIPMENT RINSATE 1999-04-15 A9D160173001	EQUIPMENT RINSATE 1999-04-24 A9D250101039	EQUIPMENT RINSATE 1999-05-12 A9E130165008
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE				
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE				
1,2-DIBROMO-3-CHLOROPROPANE				
1,2-DIBROMOETHANE				
1,2-DICHLOROBENZENE				
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1	< 1	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE				
1,4-DICHLOROBENZENE				
2-BUTANONE	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10
ACETONE	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1
BROMOMETHANE	< 2	< 2	< 2	< 2
CARBON DISULFIDE	< 1	< 1	< 1	16
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1
CHLOROETHANE	< 2	< 2	< 2	< 2
CHLOROFORM	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 2	< 2	< 2	< 2
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
CYCLOHEXANE				
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE				
ETHYLBENZENE	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE				
METHYL ACETATE				
METHYL TERT-BUTYL ETHER				
METHYLCYCLOHEXANE				
METHYLENE CHLORIDE	2.6	2.6	< 1	< 1
N-HEXANE	< 1	< 1	< 1	< 1
STYRENE	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	1.3	< 1
TOLUENE	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE				
VINYL CHLORIDE	< 2	< 2	< 2	< 2
XYLENES (TOTAL)	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

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Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	EQUIPMENT RINSATE 1999-05-13 A9E140170014	EQUIPMENT RINSATE 1999-12-01 A9L020150009	EQUIPMENT RINSATE 1999-12-01 A9L020150018	EQUIPMENT RINSATE 2000-06-06 A0F070213018
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE				
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE				
1,2-DIBROMO-3-CHLOROPROPANE				
1,2-DIBROMOETHANE				
1,2-DICHLOROBENZENE				
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1	< 1	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE				
1,4-DICHLOROBENZENE				
2-BUTANONE	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10
ACETONE	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1
BROMOMETHANE	< 2	< 2	< 2	< 2
CARBON DISULFIDE	2.6	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1
CHLOROETHANE	< 2	< 2	< 2	< 2
CHLOROFORM	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 2	< 2	< 2	< 2
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
CYCLOHEXANE				
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE				
ETHYLBENZENE	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE				
METHYL ACETATE				
METHYL TERT-BUTYL ETHER				
METHYLCYCLOHEXANE				
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1
N-HEXANE	< 1	< 1	< 1	< 1
STYRENE	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE				
VINYL CHLORIDE	< 2	< 2	< 2	< 2
XYLENES (TOTAL)	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

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TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	EQUIPMENT RINSATE 2000-06-06 A0F070213026	EQUIPMENT RINSATE 2000-07-28 A0G290126004	EQUIPMENT RINSATE 2000-11-02 A0K020273018	EQUIPMENT RINSATE 2000-11-02 A0K020273019
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE			< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE				
1,2-DIBROMO-3-CHLOROPROPANE				
1,2-DIBROMOETHANE				
1,2-DICHLOROBENZENE				
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1	< 1	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE				
1,4-DICHLOROBENZENE				
2-BUTANONE	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 5	< 5	< 5
ACETONE	11	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1
BROMOMETHANE	< 2	< 2	< 2	< 2
CARBON DISULFIDE	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1
CHLOROETHANE	< 2	< 2	< 2	< 2
CHLOROFORM	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 2	< 2	< 2	< 2
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
CYCLOHEXANE				
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE				
ETHYLBENZENE	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE				
METHYL ACETATE				
METHYL TERT-BUTYL ETHER				
METHYLCYCLOHEXANE				
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1
N-HEXANE	< 1	< 1	< 1	< 1
STYRENE	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE				
VINYL CHLORIDE	< 2	< 2	< 2	< 2
XYLENES (TOTAL)	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

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TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	EQUIPMENT RINSATE 2001-06-08 A1F110144010	EQUIPMENT RINSATE 2001-06-08 A1F110144017	EQUIPMENT RINSATE 2001-11-19 A1K210224010	EQUIPMENT RINSATE 2003-02-12 A3B140245004
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE				< 1
1,2-DIBROMO-3-CHLOROPROPANE				< 2
1,2-DIBROMOETHANE				< 1
1,2-DICHLOROBENZENE				< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1	< 1	< 1	
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE				< 1
1,4-DICHLOROBENZENE				< 1
2-BUTANONE	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 5	< 5	< 5	< 10
ACETONE	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1
BROMOMETHANE	< 2	< 2	< 2	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1
CHLOROETHANE	< 2	< 2	< 2	< 1
CHLOROFORM	< 1	< 1	21	< 1
CHLOROMETHANE	< 2	< 2	< 2	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
CYCLOHEXANE				< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE				< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE				< 1
METHYL ACETATE				< 10
METHYL TERT-BUTYL ETHER				< 5
METHYLCYCLOHEXANE				< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	0.61 J
N-HEXANE	< 1	< 1	< 1	
STYRENE	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	2	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE				< 1
VINYL CHLORIDE	< 2	< 2	< 2	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	EQUIPMENT RINSATE 2003-02-13 A3B150150011	EQUIPMENT RINSATE 2003-02-14 A3B150150022	EQUIPMENT RINSATE 2003-02-18 A3B200230004	EQUIPMENT RINSATE 2003-02-19 A3B210196004
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)				
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10
ACETONE	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	0.52 J	0.52 J B	0.46 J B	0.47 J
N-HEXANE				
STYRENE	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	EQUIPMENT RINSATE 2003-05-06 A3E080243006	EQUIPMENT RINSATE 2003-05-07 A3E090133007	EQUIPMENT RINSATE 2003-05-08 A3E090133012	EQUIPMENT RINSATE 2003-07-31 A3H010186005
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)				
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10
ACETONE	< 10	< 10	< 10	0.88 J
BENZENE	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	1.2	0.99 J B	1.4 B u	< 1
N-HEXANE				
STYRENE	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	EQUIPMENT RINSATE 2003-08-05 A3H070140006	EQUIPMENT RINSATE 2003-09-10 A3I120176007	EQUIPMENT RINSATE 2003-09-11 A3I130148014	EQUIPMENT RINSATE 2003-09-12 A3I130148023
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)				
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	1.2 J	0.83 J	1.2 J
2-HEXANONE	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10
ACETONE	1.3 J B	4 J	< 10	4.6 J
BENZENE	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	0.27 J	0.22 J	0.23 J
CHLOROMETHANE	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1
N-HEXANE				
STYRENE	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1
TOLUENE	< 1	0.17 J	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	EQUIPMENT RINSATE 2003-09-15 A3I160112012	EQUIPMENT RINSATE 2003-11-05 A3K070169009	EQUIPMENT RINSATE 2003-11-05 A3K080194008	EQUIPMENT RINSATE 2003-11-06 A3K080191011
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)				
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1
2-BUTANONE	2 J	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10
ACETONE	6.3 J	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	0.33 J r	0.24 J r	0.25 J r
CHLOROMETHANE	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	0.92 J	< 1
N-HEXANE				
STYRENE	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1
TOLUENE	0.2 J	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	EQUIPMENT RINSATE 2003-11-13 A3K140197005	EQUIPMENT RINSATE 2003-11-14 A3K170141003	EQUIPMENT RINSATE 2003-11-21 A3K220115005	EQUIPMENT RINSATE 2003-11-25 A3K260222005
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)				
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	0.43 J r	0.75 J r	0.89 J r
2-HEXANONE	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10
ACETONE	1.5 J r	0.94 J r	1.9 J r	2.3 J r
BENZENE	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1
N-HEXANE				
STYRENE	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1
TOLUENE	0.42 J	0.36 J	0.37 J	0.42 J
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	EQUIPMENT RINSATE 2004-01-26 A4A270172010	EQUIPMENT RINSATE 2004-01-28 A4A290150019	EQUIPMENT RINSATE 2004-02-02 A4B030149019	EQUIPMENT RINSATE 2004-02-04 A4B050150001
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)				
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10
ACETONE	1.2 J B u	0.74 J	1.2 J B u	0.92 J B u
BENZENE	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1
CHLOROFORM	0.22 J	0.22 J	0.25 J	0.23 J
CHLOROMETHANE	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	0.68 J B u	0.58 J	0.65 J B u
N-HEXANE				
STYRENE	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	EQUIPMENT RINSATE 2004-02-04 A4B050150014	EQUIPMENT RINSATE 2004-02-11 A4B120163002	EQUIPMENT RINSATE 2004-02-19 A4B210106015	EQUIPMENT RINSATE 2004-02-23 A4B240142008
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)				
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10
ACETONE	0.83 J B u	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	0.21 J	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	0.52 J B u	< 1	< 1	< 1
N-HEXANE				
STYRENE	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1
TOLUENE	< 1	0.18 J	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	EQUIPMENT RINSATE 2004-02-24 A4B250268010	EQUIPMENT RINSATE 2004-03-30 A4C310248002	EQUIPMENT RINSATE 2004-03-31 A4D010298002	EQUIPMENT RINSATE 2004-03-31 A4D010298003
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)				
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10
ACETONE	< 10	0.81 J	< 10	1 J B
BENZENE	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1
N-HEXANE				
STYRENE	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	EQUIPMENT RINSATE 2004-04-14 A4D160192015	EQUIPMENT RINSATE 2004-04-15 A4D170160015	EQUIPMENT RINSATE 2004-04-16 A4D170164004	FIELD BLANK 1998-11-05 A8K060128008	FIELD BLANK 1999-04-24 A9D250101040
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1		
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1		
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2		
1,2-DIBROMOETHANE	< 1	< 1	< 1		
1,2-DICHLOROBENZENE	< 1	< 1	< 1		
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)				< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1		
1,4-DICHLOROBENZENE	< 1	< 1	< 1		
2-BUTANONE	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10
ACETONE	1.5 J B	< 10	1.4 J B	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 2	< 2
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 2	< 2
CHLOROFORM	1.4	1.1	1.3	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 2	< 2
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1		
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1		
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1		
METHYL ACETATE	< 10	< 10	< 10		
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5		
METHYLCYCLOHEXANE	< 1	< 1	< 1		
METHYLENE CHLORIDE	< 1	< 1	< 1	4.8	< 1
N-HEXANE				< 1	< 1
STYRENE	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1		
VINYL CHLORIDE	< 1	< 1	< 1	< 2	< 2
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	FIELD BLANK 1999-05-12 A9E130165007	FIELD BLANK 1999-05-13 A9E140170013	FIELD BLANK 1999-11-30 A9L010130009	FIELD BLANK 1999-12-01 A9L020150014	FIELD BLANK 2000-06-05 A0F070213009	FIELD BLANK 2000-06-06 A0F070213019	FIELD BLANK 2000-07-28 A0G290126005
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE							
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DIBROMOETHANE							
1,2-DICHLOROBENZENE							
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE							
1,4-DICHLOROBENZENE							
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 5
ACETONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE							
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE							
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE							
METHYL ACETATE							
METHYL TERT-BUTYL ETHER							
METHYLCYCLOHEXANE							
METHYLENE CHLORIDE	< 1	< 1	7.2	7.9	1.5	< 1	< 1
N-HEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE							
VINYL CHLORIDE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	FIELD BLANK 2000-11-02 A0K020273020	FIELD BLANK 2001-11-19 A1K210224011	FIELD BLANK 2003-02-14 A3B150150021	FIELD BLANK 2003-02-19 A3B210196006	FIELD BLANK 2003-05-08 A3E090133011	FIELD BLANK 2003-07-31 A3H010186002	FIELD BLANK 2003-08-05 A3H070140007
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE			< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE			< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE			< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE			< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1	< 1					
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE			< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE			< 1	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 5	< 5	< 10	< 10	< 10	< 10	< 10
ACETONE	< 10	< 10	< 10	< 10	< 10	0.66 J	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 2	< 2	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 2	< 2	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	23	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 2	< 2	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE			< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE			< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE			< 1	< 1	< 1	< 1	< 1
METHYL ACETATE			< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER			< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE			< 1	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	0.61 J	0.51 J	2 B u	< 1	< 1
N-HEXANE	< 1	< 1					
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE			< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 2	< 2	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	FIELD BLANK 2003-09-12 A3I130148022	FIELD BLANK 2003-09-15 A3I160112011	FIELD BLANK 2003-11-05 A3K070169010	FIELD BLANK 2003-11-05 A3K080194009	FIELD BLANK 2003-11-07 A3K080194013	FIELD BLANK 2003-11-13 A3K140197004	FIELD BLANK 2003-11-14 A3K170141004
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)							
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	1.2 J	2 J	< 10	< 10	< 10	< 10	0.41 J r
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	3.8 J	5.6 J	< 10	< 10	< 10	1.6 J r	0.96 J r
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	0.25 J	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	0.28 J	< 1	0.31 J r	0.35 J r	0.37 J r	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	0.51 J	0.88 J	< 1	< 1
N-HEXANE							
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	0.21 J	< 1	< 1	< 1	0.43 J	0.36 J
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	FIELD BLANK 2003-11-21 A3K220115002	FIELD BLANK 2003-11-21 A3K220115004	FIELD BLANK 2004-01-21 A4A220133011	FIELD BLANK 2004-01-22 A4A230215009	FIELD BLANK 2004-01-23 A4A240163007	FIELD BLANK 2004-01-26 A4A270172009	FIELD BLANK 2004-02-02 A4B030149020
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)							
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	0.48 J r	0.51 J r	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	0.71 J r	1.9 J r	< 10	0.99 J B u	< 10	0.97 J B u	0.99 J B u
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	0.32 J u	0.28 J	0.26 J	0.23 J	0.23 J
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	0.65 J B u	< 1	0.58 J
N-HEXANE							
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	0.31 J	0.39 J	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	FIELD BLANK 2004-02-03 A4B040156021	FIELD BLANK 2004-02-04 A4B050150013	FIELD BLANK 2004-02-11 A4B120166001	FIELD BLANK 2004-02-11 A4B120166002	FIELD BLANK 2004-02-19 A4B210106016	FIELD BLANK 2004-02-20 A4B210125011	FIELD BLANK 2004-02-24 A4B250268005
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)							
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	0.48 J	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	< 10	0.93 J B u	< 10	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	2.7	4.4	< 1	< 1	< 1
BROMOFORM	< 1	< 1	0.99 J	1.6	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	0.23 J	0.26 J	1.5	2.2	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	3.6	5.5	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	0.69 J B u	< 1	< 1	< 1	< 1	< 1
N-HEXANE							
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	0.18 J	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	FIELD BLANK 2004-03-30 A4C310248001	FIELD BLANK 2004-04-13 A4D150217015	FIELD BLANK 2004-04-14 A4D160192016	FIELD BLANK 2004-04-15 A4D170160016	GP01-033 / 17 GW DUP 1998-12-17 A8L240110005	GP01-059 / 10-11_5 GW DUP 2004-02-03 A4B040161003
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 170	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 170	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1		< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 170	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	21 J	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 170	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1		< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2		< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1		< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1		< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1		< 1
1,2-DICHLOROETHENE (TOTAL)					< 170	
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 170	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1		< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1		< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 1700	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 1700	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 1700	< 10
ACETONE	0.78 J	1.8 J B	1.3 J B	< 10	< 1700	< 10
BENZENE	< 1	< 1	< 1	< 1	< 170	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 170	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 170	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 330	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 170	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 170	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 170	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 330	< 1
CHLOROFORM	< 1	1.8	1.7	1.3	< 170	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 330	0.28 J B u
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 83	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 170	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1		< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 170	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1		< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 170	0.19 J
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1		< 1
METHYL ACETATE	< 10	< 10	< 10	< 10		< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5		< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1		0.36 J
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 170	< 1
N-HEXANE					< 170	
STYRENE	< 1	< 1	< 1	< 1	< 170	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	2900	12
TOLUENE	< 1	< 1	< 1	< 1	< 170	0.54 J
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 83	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 170	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	200	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1		< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 330	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 170	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	GP02-007 / 21 GW DUP 1998-12-22 A8L230165009	GP02-014 / 16_6 GW DUP 1999-03-01 A9C030183006	GP02-028 / 13_6 GW DUP 2003-07-29 A3G310267010	GP02-048 / 06-10 GW DUP 2003-08-05 A3H070140009
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 2.5
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 2.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE			28	< 2.5
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 2.5
1,1-DICHLOROETHANE	< 1	< 1	0.85 J	< 2.5
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 2.5
1,2,4-TRICHLOROBENZENE			< 1	< 2.5
1,2-DIBROMO-3-CHLOROPROPANE			< 2	< 5
1,2-DIBROMOETHANE			< 1	< 2.5
1,2-DICHLOROBENZENE			< 1	< 2.5
1,2-DICHLOROETHANE		< 1	< 1	< 2.5
1,2-DICHLOROETHENE (TOTAL)	< 1	< 1		
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 2.5
1,3-DICHLOROBENZENE			< 1	< 2.5
1,4-DICHLOROBENZENE			< 1	< 2.5
2-BUTANONE	< 10	< 10	0.63 J	< 25
2-HEXANONE	< 10	< 10	< 10	< 25
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 25
ACETONE	< 10	< 10	< 10	7.9 J B
BENZENE	0.27 J	< 1	< 1	< 2.5
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 2.5
BROMOFORM	< 1	< 1	< 1	< 2.5
BROMOMETHANE	< 2	< 2	< 1	< 2.5
CARBON DISULFIDE	< 1	< 1	< 1	< 2.5
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 2.5
CHLOROBENZENE	< 1	< 1	< 1	< 2.5
CHLOROETHANE	< 2	< 2	< 1	< 2.5
CHLOROFORM	0.7 J	< 1	< 1	< 2.5
CHLOROMETHANE	< 2	< 2	< 1	< 2.5
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	2	< 1.2
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 2.5
CYCLOHEXANE			< 1	< 2.5
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 2.5
DICHLORODIFLUOROMETHANE			< 1	< 2.5
ETHYLBENZENE	0.18 J	< 1	< 1	< 2.5
ISOPROPYLBENZENE			< 1	< 2.5
METHYL ACETATE			< 10	< 25
METHYL TERT-BUTYL ETHER			< 5	< 12
METHYLCYCLOHEXANE			0.86 J B	< 2.5
METHYLENE CHLORIDE	1.6	2.4	< 1	< 2.5
N-HEXANE	0.36 J	< 1		
STYRENE	< 1	< 1	< 1	< 2.5
TETRACHLOROETHENE	< 1	< 1	4.3	57
TOLUENE	0.66 J	< 1	0.93 J	0.58 J
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 1.2
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 2.5
TRICHLOROETHENE	< 1	< 1	5.6	3.2
TRICHLOROFLUOROMETHANE			< 1	< 2.5
VINYL CHLORIDE	< 2	< 2	< 1	< 2.5
XYLENES (TOTAL)	0.65 J	< 1	< 1	< 2.5

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	GP02-058 / 13 GW DUP 2003-11-05 A3K070169005	GP02-081 / 17_5 GW DUP 2003-11-21 A3K220115003	GP02-084 / 18 GW DUP 2004-01-22 A4A230215007	MW01-04 DUP 1999-05-13 A9E140170011	MW01-04 DUP 2000-11-02 A0K020273021
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 120	< 120
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 120	< 120
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1		3900
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 120	< 120
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 120	< 120
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 120	< 120
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1		
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2		
1,2-DIBROMOETHANE	< 1	< 1	< 1		
1,2-DICHLOROBENZENE	< 1	< 1	< 1		
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 120	< 120
1,2-DICHLOROETHENE (TOTAL)				< 120	< 120
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 120	< 120
1,3-DICHLOROBENZENE	< 1	< 1	< 1		
1,4-DICHLOROBENZENE	< 1	< 1	< 1		
2-BUTANONE	< 10	0.67 J r	1.2 J	< 1200	< 1200
2-HEXANONE	< 10	< 10	< 10	< 1200	< 1200
4-METHYL-2-PENTANONE	< 10	< 10	0.35 J	< 1200	< 620
ACETONE	< 10	2.3 J r	5.1 J B u	< 1200	< 1200
BENZENE	< 1	0.41 J	0.28 J	< 120	< 120
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 120	< 120
BROMOFORM	< 1	< 1	< 1	< 120	< 120
BROMOMETHANE	< 1	< 1	< 1	< 250	< 250
CARBON DISULFIDE	< 1	< 1	< 1	< 120	< 120
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 120	< 120
CHLOROBENZENE	< 1	< 1	< 1	< 120	< 120
CHLOROETHANE	< 1	< 1	< 1	< 250	< 250
CHLOROFORM	< 1	< 1	< 1	< 120	< 120
CHLOROMETHANE	< 1	< 1	< 1	< 250	< 250
CIS-1,2-DICHLOROETHENE	< 0.5	0.32 J	< 0.5	< 62	< 62
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 120	< 120
CYCLOHEXANE	< 1	0.4 J	< 1		
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 120	< 120
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1		
ETHYLBENZENE	< 1	0.26 J	< 1	< 120	< 120
ISOPROPYLBENZENE	< 1	0.29 J B	< 1		
METHYL ACETATE	< 10	< 10	< 10		
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5		
METHYLCYCLOHEXANE	0.25 J	0.54 J	< 1		
METHYLENE CHLORIDE	< 1	< 1	< 1	< 120	< 120
N-HEXANE				< 120	< 120
STYRENE	< 1	< 1	< 1	< 120	< 120
TETRACHLOROETHENE	< 1	< 1	< 1	4000	3200
TOLUENE	0.26 J	0.78 J	0.49 J	< 120	< 120
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 62	< 62
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 120	< 120
TRICHLOROETHENE	< 1	< 1	< 1	180	130
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1		
VINYL CHLORIDE	< 1	< 1	< 1	< 250	< 250
XYLENES (TOTAL)	< 1	0.55 J	< 1	< 120	< 120

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	MW01-04 DUP 2001-06-08 A1F110144009	MW01-04 DUP 2003-02-14 A3B150150018	MW01-04 DUP 2003-09-15 A3I160112009	MW01-04CD DUP 2000-06-07 A0F080156008	MW01-04CD DUP 2003-05-07 A3E090133008	MW01-04CD DUP 2004-02-19 A4B210106014
1,1,1-TRICHLOROETHANE	< 33	< 12	< 3.3	< 25	< 25	< 91
1,1,2,2-TETRACHLOROETHANE	< 33	< 12	< 3.3	< 25	< 25	< 91
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	2200 E j	330	52		940	2000
1,1,2-TRICHLOROETHANE	< 33	< 12	< 3.3	< 25	< 25	< 91
1,1-DICHLOROETHANE	< 33	< 12	< 3.3	< 25	< 25	< 91
1,1-DICHLOROETHENE	< 33	< 12	< 3.3	< 25	< 25	< 91
1,2,4-TRICHLOROBENZENE		8.9 J	1 J B		< 25	< 91
1,2-DIBROMO-3-CHLOROPROPANE		< 25	< 6.7		< 50	< 180
1,2-DIBROMOETHANE		< 12	< 3.3		< 25	< 91
1,2-DICHLOROBENZENE		< 12	< 3.3		< 25	< 91
1,2-DICHLOROETHANE	< 33	< 12	< 3.3	< 25	< 25	< 91
1,2-DICHLOROETHENE (TOTAL)	56			< 25		
1,2-DICHLOROPROPANE	< 33	< 12	< 3.3	< 25	< 25	< 91
1,3-DICHLOROBENZENE		< 12	< 3.3		< 25	< 91
1,4-DICHLOROBENZENE		< 12	< 3.3		< 25	< 91
2-BUTANONE	< 330	< 120	< 33	< 250	< 250	< 910
2-HEXANONE	< 330	< 120	< 33	< 250	< 250	< 910
4-METHYL-2-PENTANONE	< 170	< 120	< 33	< 250	< 250	< 910
ACETONE	< 330	< 120	6.6 J	< 250	< 250	120 J B u
BENZENE	< 33	< 12	< 3.3	< 25	< 25	< 91
BROMODICHLOROMETHANE	< 33	< 12	< 3.3	< 25	< 25	< 91
BROMOFORM	< 33	< 12	< 3.3	< 25	< 25	< 91
BROMOMETHANE	< 67	3.8 J	< 3.3	< 50	< 25	< 91
CARBON DISULFIDE	< 33	< 12	< 3.3	< 25	< 25	< 91
CARBON TETRACHLORIDE	< 33	< 12	< 3.3	< 25	< 25	< 91
CHLOROBENZENE	< 33	< 12	< 3.3	< 25	< 25	< 91
CHLOROETHANE	< 67	< 12	< 3.3	< 50	< 25	< 91
CHLOROFORM	< 33	< 12	< 3.3	< 25	< 25	< 91
CHLOROMETHANE	< 67	< 12	< 3.3	< 50	< 25	< 91
CIS-1,2-DICHLOROETHENE	56	47	12	< 12	< 12	< 45
CIS-1,3-DICHLOROPROPENE	< 33	< 12	< 3.3	< 25	< 25	< 91
CYCLOHEXANE		< 12	< 3.3		< 25	< 91
DIBROMOCHLOROMETHANE	< 33	< 12	< 3.3	< 25	< 25	< 91
DICHLORODIFLUOROMETHANE		< 12	< 3.3		< 25	< 91
ETHYLBENZENE	< 33	< 12	< 3.3	< 25	< 25	< 91
ISOPROPYLBENZENE		< 12	< 3.3		< 25	< 91
METHYL ACETATE		< 120	< 33		< 250	< 910
METHYL TERT-BUTYL ETHER		< 62	< 17		< 120	< 450
METHYLCYCLOHEXANE		< 12	< 3.3		< 25	< 91
METHYLENE CHLORIDE	< 33	< 12	< 3.3	< 25	< 25	150 B
N-HEXANE	< 33			< 25		
STYRENE	< 33	< 12	< 3.3	< 25	< 25	< 91
TETRACHLOROETHENE	1000	450	76	760	620	2000
TOLUENE	< 33	< 12	< 3.3	< 25	< 25	< 91
TRANS-1,2-DICHLOROETHENE	< 17	< 6.2	< 1.7	< 12	< 12	< 45
TRANS-1,3-DICHLOROPROPENE	< 33	< 12	< 3.3	< 25	< 25	< 91
TRICHLOROETHENE	74	55	16	29	25	49 J
TRICHLOROFLUOROMETHANE		< 12	< 3.3		< 25	< 91
VINYL CHLORIDE	< 67	< 12	< 3.3	< 50	< 25	< 91
XYLENES (TOTAL)	< 33	< 12	< 3.3	< 25	< 25	< 91

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	MW01-04SE DUP 2004-03-05 A4C060148006	MW01-04SE DUP 2004-04-14 A4D160192014	MW01-05 DUP 1998-11-05 A8K060128007	MW01-05 DUP 1999-12-01 A9L020150019	MW01-05 DUP 2001-06-08 A1F110144014	MW01-06 DUP 2003-11-06 A3K080191010	MW01-07 DUP 2003-10-15 A3J200157002
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 20	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 20	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.7	< 1			< 1	< 20	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 20	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 20	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 20	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1				< 20	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2				< 40	< 2
1,2-DIBROMOETHANE	< 1	< 1				< 20	< 1
1,2-DICHLOROBENZENE	< 1	< 1				< 20	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 20	< 1
1,2-DICHLOROETHENE (TOTAL)			0.58 J	< 1	< 1		
1,2-DICHLOROPROPANE	< 1	< 1	3.2	3.1	5.2	< 20	< 1
1,3-DICHLOROBENZENE	< 1	< 1				< 20	< 1
1,4-DICHLOROBENZENE	< 1	< 1				< 20	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 200	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 200	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 5	< 200	< 10
ACETONE	1.4 J B u	0.7 J B	< 10	< 10	< 10	< 200	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 20	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 20	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 20	< 1
BROMOMETHANE	< 1	< 1	< 2	< 2	< 2	< 20	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 20	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 20	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 20	< 1
CHLOROETHANE	< 1	< 1	< 2	< 2	< 2	< 20	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 20	< 1
CHLOROMETHANE	< 1	< 1	< 2	< 2	< 2	< 20	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	0.58	0.6	< 0.5	15	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 20	< 1
CYCLOHEXANE	< 1	< 1				< 20	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 20	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1				< 20	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 20	< 1
ISOPROPYLBENZENE	< 1	< 1				< 20	< 1
METHYL ACETATE	< 10	< 10				< 200	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5				< 100	< 5
METHYLCYCLOHEXANE	< 1	< 1				< 20	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 20	< 1
N-HEXANE			< 1	< 1	< 1		
STYRENE	< 1	< 1	< 1	< 1	< 1	< 20	< 1
TETRACHLOROETHENE	2.9	0.7 J	28	31	3.2	7.3 J	< 1
TOLUENE	0.18 J	< 1	1.9	< 1	< 1	< 20	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 20	< 1
TRICHLOROETHENE	< 1	< 1	5.3	6.3	1.6	610	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1				< 20	< 1
VINYL CHLORIDE	< 1	< 1	< 2	< 2	< 2	< 20	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 20	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	MW01-10 DUP 1999-03-26 A9C290117005	MW01-10 DUP 2003-02-14 A3B150150019	MW01-10 DUP 2003-09-15 A3I160112010	MW01-13 DUP 2001-11-19 A1K210224009	MW02-02 DUP 1999-11-30 A9L010130017	MW02-03CD DUP 2004-02-23 A4B240142007	MW02-03SE DUP 2004-04-15 A4D170160013
1,1,1-TRICHLOROETHANE	< 5	< 12	< 20	< 50	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 5	< 12	< 20	< 50	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE		54	91	< 50		39	< 1
1,1,2-TRICHLOROETHANE	< 5	< 12	< 20	< 50	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 5	< 12	< 20	< 50	< 1	0.49 J	< 1
1,1-DICHLOROETHENE	< 5	< 12	< 20	< 50	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE		< 12	< 20			0.28 J B u	< 1
1,2-DIBROMO-3-CHLOROPROPANE		< 25	< 40			< 2	< 2
1,2-DIBROMOETHANE		< 12	< 20			< 1	< 1
1,2-DICHLOROBENZENE		< 12	< 20			< 1	< 1
1,2-DICHLOROETHANE	< 5	< 12	< 20	< 50	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	5.3			63	7.3		
1,2-DICHLOROPROPANE	< 5	< 12	< 20	< 50	< 1	< 1	< 1
1,3-DICHLOROBENZENE		< 12	< 20			< 1	< 1
1,4-DICHLOROBENZENE		< 12	< 20			< 1	< 1
2-BUTANONE	< 50	< 120	< 200	< 500	< 10	< 10	< 10
2-HEXANONE	< 50	< 120	< 200	< 500	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 50	< 120	< 200	< 250	< 10	< 10	< 10
ACETONE	< 50	< 120	< 200	< 500	< 10	0.78 J B u	< 10
BENZENE	< 5	< 12	< 20	< 50	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 5	< 12	< 20	< 50	< 1	0.32 J	< 1
BROMOFORM	< 5	< 12	< 20	< 50	< 1	< 1	< 1
BROMOMETHANE	< 10	< 12	< 20	< 100	< 2	< 1	< 1
CARBON DISULFIDE	< 5	< 12	< 20	< 50	< 1	0.28 J	< 1
CARBON TETRACHLORIDE	< 5	< 12	< 20	< 50	< 1	< 1	< 1
CHLOROBENZENE	< 5	< 12	< 20	< 50	< 1	< 1	< 1
CHLOROETHANE	< 10	< 12	< 20	< 100	< 2	< 1	< 1
CHLOROFORM	< 5	< 12	< 20	< 50	< 1	0.43 J	< 1
CHLOROMETHANE	< 10	< 12	< 20	< 100	< 2	< 1	< 1
CIS-1,2-DICHLOROETHENE	5.3	44	83	63	7.1	2.4	< 0.5
CIS-1,3-DICHLOROPROPENE	< 5	< 12	< 20	< 50	< 1	< 1	< 1
CYCLOHEXANE		< 12	< 20			0.89 J	< 1
DIBROMOCHLOROMETHANE	< 5	< 12	< 20	< 50	< 1	0.35 J	< 1
DICHLORODIFLUOROMETHANE		< 12	< 20			< 1	< 1
ETHYLBENZENE	< 5	< 12	< 20	< 50	< 1	< 1	< 1
ISOPROPYLBENZENE		< 12	< 20			< 1	< 1
METHYL ACETATE		< 120	< 200			< 10	< 10
METHYL TERT-BUTYL ETHER		< 62	< 100			< 5	< 5
METHYLCYCLOHEXANE		< 12	< 20			1.2	< 1
METHYLENE CHLORIDE	< 5	6.1 J B	< 20	< 50	< 1	< 1	< 1
N-HEXANE	< 5			< 50	< 1		
STYRENE	< 5	< 12	< 20	< 50	< 1	< 1	< 1
TETRACHLOROETHENE	170	380	530	1600	3	12	< 1
TOLUENE	< 5	< 12	< 20	< 50	< 1	0.27 J	< 1
TRANS-1,2-DICHLOROETHENE	< 2.5	< 6.2	< 10	< 25	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 5	< 12	< 20	< 50	< 1	< 1	< 1
TRICHLOROETHENE	100	85	70	< 50	6.7	4.9	< 1
TRICHLOROFLUOROMETHANE		< 12	< 20			< 1	< 1
VINYL CHLORIDE	< 10	< 12	17 J	< 100	< 2	< 1	< 1
XYLENES (TOTAL)	< 5	< 12	< 20	< 50	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

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Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	MW02-06 DUP 1999-05-13 A9E140170012	MW02-06 DUP 2000-06-07 A0F080156009	MW02-08 DUP 2003-11-04 A3K070172015	MW02-08 DUP 2004-04-15 A4D170160014	MW02-13 DUP 2004-02-24 A4B250268012	ST01-07 DUP 1999-03-04 A9C050183016	TRIP BLANK 1998-11-05 A8K060128010
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 2	< 1	< 1.9	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 2	< 1	< 1.9	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE			40	36	31		
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 2	< 1	< 1.9	< 1
1,1-DICHLOROETHANE	< 1	1.3	0.34 J	< 2	< 1	< 1.9	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 2	< 1	< 1.9	< 1
1,2,4-TRICHLOROBENZENE			< 1	< 2	0.32 J B u		
1,2-DIBROMO-3-CHLOROPROPANE			< 2	< 4	< 2		
1,2-DIBROMOETHANE			< 1	< 2	< 1		
1,2-DICHLOROBENZENE			< 1	< 2	< 1		
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 2	< 1	< 1.9	< 1
1,2-DICHLOROETHENE (TOTAL)	2.2	3.2				26	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 2	< 1	< 1.9	< 1
1,3-DICHLOROBENZENE			< 1	< 2	< 1		
1,4-DICHLOROBENZENE			< 1	< 2	< 1		
2-BUTANONE	< 10	< 10	< 10	< 20	< 10	< 19	< 10
2-HEXANONE	< 10	< 10	< 10	< 20	< 10	< 19	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 20	< 10	< 19	< 10
ACETONE	< 10	< 10	< 10	1.7 J B	0.81 J	< 19	< 10
BENZENE	< 1	< 1	< 1	0.63 J B	< 1	< 1.9	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 2	0.64 J	< 1.9	< 1
BROMOFORM	< 1	< 1	< 1	< 2	< 1	< 1.9	< 1
BROMOMETHANE	< 2	< 2	< 1	< 2	< 1	< 3.8	< 2
CARBON DISULFIDE	< 1	< 1	< 1	< 2	< 1	< 1.9	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 2	< 1	< 1.9	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 2	< 1	< 1.9	< 1
CHLOROETHANE	< 2	< 2	< 1	< 2	< 1	< 3.8	< 2
CHLOROFORM	< 1	< 1	< 1	< 2	0.99 J	< 1.9	< 1
CHLOROMETHANE	< 2	< 2	< 1	< 2	< 1	< 3.8	< 2
CIS-1,2-DICHLOROETHENE	2.2	3.1	1.4	1.4	0.39 J	26	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 2	< 1	< 1.9	< 1
CYCLOHEXANE			< 1	< 2	< 1		
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 2	< 1	< 1.9	< 1
DICHLORODIFLUOROMETHANE			< 1	< 2	< 1		
ETHYLBENZENE	< 1	< 1	< 1	< 2	< 1	< 1.9	< 1
ISOPROPYLBENZENE			< 1	< 2	< 1		
METHYL ACETATE			< 10	< 20	< 10		
METHYL TERT-BUTYL ETHER			< 5	< 10	< 5		
METHYLCYCLOHEXANE			< 1	< 2	< 1		
METHYLENE CHLORIDE	< 1	< 1	< 1	0.7 J B	< 1	< 1.9	< 1
N-HEXANE	< 1	< 1				< 1.9	< 1
STYRENE	< 1	< 1	< 1	< 2	< 1	< 1.9	< 1
TETRACHLOROETHENE	7.5	12	13	11	1.8	61	< 1
TOLUENE	< 1	< 1	< 1	< 2	< 1	< 1.9	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 0.96	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 2	< 1	< 1.9	< 1
TRICHLOROETHENE	6.5	7.7	2.6	2.9	4	7.4	< 1
TRICHLOROFLUOROMETHANE			< 1	< 2	< 1		
VINYL CHLORIDE	< 2	< 2	< 1	< 2	< 1	< 3.8	< 2
XYLENES (TOTAL)	< 1	< 1	< 1	< 2	< 1	< 1.9	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	TRIP BLANK 1999-03-26 A9C290117007	TRIP BLANK 1999-04-13 A9D140176019	TRIP BLANK 1999-04-15 A9D160173015	TRIP BLANK 1999-11-30 A9L010130010	TRIP BLANK 1999-12-01 A9L020150008	TRIP BLANK 2000-04-06 A0D070195032	TRIP BLANK 2000-06-05 A0F070213010
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE							
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DIBROMOETHANE							
1,2-DICHLOROBENZENE							
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE							
1,4-DICHLOROBENZENE							
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE							
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE							
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE							
METHYL ACETATE							
METHYL TERT-BUTYL ETHER							
METHYLCYCLOHEXANE							
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	1.5
N-HEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE							
VINYL CHLORIDE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	TRIP BLANK 2000-06-06 A0F070213020	TRIP BLANK 2000-06-07 A0F080156010	TRIP BLANK 2000-07-28 A0G290126002	TRIP BLANK 2001-06-07 A1F110172020	TRIP BLANK 2001-06-08 A1F110144019	TRIP BLANK 2001-11-19 A1K210224012	TRIP BLANK 2003-02-12 A3B140245001
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE				< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE							< 1
1,2-DIBROMO-3-CHLOROPROPANE							< 2
1,2-DIBROMOETHANE							< 1
1,2-DICHLOROBENZENE							< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE							< 1
1,4-DICHLOROBENZENE							< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 5	< 5	< 5	< 5	< 10
ACETONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE							< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE							< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE							< 1
METHYL ACETATE							< 10
METHYL TERT-BUTYL ETHER							< 5
METHYLCYCLOHEXANE							< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE	< 1	< 1	< 1	< 1	< 1	< 1	
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE							< 1
VINYL CHLORIDE	< 2	< 2	< 2	< 2	< 2	< 2	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	TRIP BLANK 2003-02-13 A3B150150012	TRIP BLANK 2003-02-14 A3B150150023	TRIP BLANK 2003-02-18 A3B200230005	TRIP BLANK 2003-02-19 A3B210196010	TRIP BLANK 2003-04-17 A3D180315004	TRIP BLANK 2003-05-06 A3E080243007	TRIP BLANK 2003-05-07 A3E090133006
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)							
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	2.3 J	1.7 J
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	< 10	< 10	< 10	< 10	< 10	3.3 J	2.8 J
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE							
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	TRIP BLANK 2003-05-08 A3E090133014	TRIP BLANK 2003-07-29 A3G310267011	TRIP BLANK 2003-07-30 A3H020198011	TRIP BLANK 2003-07-31 A3H010186007	TRIP BLANK 2003-08-01 A3H050249006	TRIP BLANK 2003-08-05 A3H070140008	TRIP BLANK 2003-09-10 A3I120176008
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)							
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	1.9 J	3.5 J	2.5 J	1.9 J	2.4 J	2.6 J	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	3.1 J	4.3 J	6.4 J	4 J	4.7 J B	6.6 J B	3.8 J
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	1.8
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE							
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	TRIP BLANK 2003-09-11 A3I130148013	TRIP BLANK 2003-09-12 A3I130148024	TRIP BLANK 2003-09-15 A3I160112013	TRIP BLANK 2003-10-15 A3J200157004	TRIP BLANK 2003-11-03 A3K050248005	TRIP BLANK 2003-11-04 A3K070172016	TRIP BLANK 2003-11-05 A3K070169008
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)							
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	< 10	5.6 J	4.6 J	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	1.6	1.4	1.4	1.3	1.4	1.3	1.3
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE							
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	TRIP BLANK 2003-11-05 A3K080194010	TRIP BLANK 2003-11-06 A3K070169014	TRIP BLANK 2003-11-06 A3K080191012	TRIP BLANK 2003-11-07 A3K080144001	TRIP BLANK 2003-11-07 A3K080194014	TRIP BLANK 2003-11-10 A3K110169001	TRIP BLANK 2003-11-11 A3K120140014
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)							
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	0.72 J r	< 10	< 10	< 10	0.94 J r	< 10	< 10
BENZENE	< 1	< 1	0.23 J B	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	1.7	1.3	1.3	1.3	1.4	1.4	1.4
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE							
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	TRIP BLANK 2003-11-12 A3K130284001	TRIP BLANK 2003-11-13 A3K140197001	TRIP BLANK 2003-11-14 A3K170141002	TRIP BLANK 2003-11-21 A3K220114009	TRIP BLANK 2003-11-21 A3K220115001	TRIP BLANK 2003-11-25 A3K260222001	TRIP BLANK 2004-01-21 A4A220133010
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)							
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	2.2 J r	< 10	1 J u
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	< 10	0.88 J r	< 10	2.5 J r	2.5 J r	3.5 J r	0.88 J u
BENZENE	< 1	< 1	< 1	< 1	0.25 J	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	1.4	1.4	1.9	1.8	< 1	1.5	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	0.26 J B	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE							
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1	0.98 J	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	0.64 J	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	TRIP BLANK 2004-01-22 A4A230215008	TRIP BLANK 2004-01-23 A4A240163006	TRIP BLANK 2004-01-26 A4A270172008	TRIP BLANK 2004-01-27 A4A280193016	TRIP BLANK 2004-01-28 A4A290150008	TRIP BLANK 2004-01-29 A4A300129022	TRIP BLANK 2004-02-02 A4B030149021
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)							
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	1.9 J	0.97 J	1.5 J	1.1 J	0.95 J	1.1 J	1.2 J
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	3.5 J B u	1.8 J B u	2.9 J B u	1.7 J	1.7 J	1.7 J	2 J B u
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	0.28 J B u	< 1
N-HEXANE							
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	TRIP BLANK 2004-02-03 A4B040156020	TRIP BLANK 2004-02-04 A4B050150002	TRIP BLANK 2004-02-05 A4B060148012	TRIP BLANK 2004-02-11 A4B120163003	TRIP BLANK 2004-02-17 A4B180226005	TRIP BLANK 2004-02-18 A4B190233006	TRIP BLANK 2004-02-19 A4B210106017
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)							
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	1.1 J	< 10	1 J	1.7 J	2 J	1.9 J
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	< 10	1.9 J B u	0.8 J	< 10	2.4 J	4 J	3.5 J B u
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE							
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	TRIP BLANK 2004-02-20 A4B210125001	TRIP BLANK 2004-02-23 A4B240142001	TRIP BLANK 2004-02-24 A4B250268001	TRIP BLANK 2004-02-25 A4B260151001	TRIP BLANK 2004-03-05 A4C060148007	TRIP BLANK 2004-03-30 A4C310248003	TRIP BLANK 2004-03-31 A4D010298001
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)							
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	1.5 J	0.72 J	2.1 J	12	1 J	< 10	2.2 J
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	2.6 J B u	0.73 J B u	3.4 J	5.2 J	1.8 J B u	1 J	4 J B
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	0.8 J B	< 1
N-HEXANE							
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	0.19 J	< 1	0.55 J	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	TRIP BLANK 2004-04-05 A4D060200001	TRIP BLANK 2004-04-12 A4D140227012	TRIP BLANK 2004-04-13 A4D150217016	TRIP BLANK 2004-04-14 A4D160192017	TRIP BLANK 2004-04-15 A4D170160017	TRIP BLANK 2004-04-16 A4D170164005	VSGP-002 / 13 GW DUP 2000-04-06 A0D070195031
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)							< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	
2-BUTANONE	1.1 J	0.42 J	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	2.5 J B	< 10	0.93 J B	0.84 J B	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 2
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 2
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 2
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	
METHYLENE CHLORIDE	< 1	< 1	0.68 J B	0.77 J B	< 1	< 1	< 1
N-HEXANE							< 1
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 2
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 25: Aqueous QC Analytical Data

Sample ID Sample Date (year-mm-dd) Laboratory Report Lot Number	WW01-Vernay Plant 2 DUP 2000-07-28 A0G290126003
1,1,1-TRICHLOROETHANE	< 1
1,1,2,2-TETRACHLOROETHANE	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	
1,1,2-TRICHLOROETHANE	< 1
1,1-DICHLOROETHANE	< 1
1,1-DICHLOROETHENE	< 1
1,2,4-TRICHLOROBENZENE	
1,2-DIBROMO-3-CHLOROPROPANE	
1,2-DIBROMOETHANE	
1,2-DICHLOROBENZENE	
1,2-DICHLOROETHANE	< 1
1,2-DICHLOROETHENE (TOTAL)	8.9
1,2-DICHLOROPROPANE	< 1
1,3-DICHLOROBENZENE	
1,4-DICHLOROBENZENE	
2-BUTANONE	< 10
2-HEXANONE	< 10
4-METHYL-2-PENTANONE	< 5
ACETONE	< 10
BENZENE	< 1
BROMODICHLOROMETHANE	< 1
BROMOFORM	< 1
BROMOMETHANE	< 2
CARBON DISULFIDE	< 1
CARBON TETRACHLORIDE	< 1
CHLOROBENZENE	< 1
CHLOROETHANE	< 2
CHLOROFORM	< 1
CHLOROMETHANE	< 2
CIS-1,2-DICHLOROETHENE	8.6
CIS-1,3-DICHLOROPROPENE	< 1
CYCLOHEXANE	
DIBROMOCHLOROMETHANE	< 1
DICHLORODIFLUOROMETHANE	
ETHYLBENZENE	< 1
ISOPROPYLBENZENE	
METHYL ACETATE	
METHYL TERT-BUTYL ETHER	
METHYLCYCLOHEXANE	
METHYLENE CHLORIDE	< 1
N-HEXANE	< 1
STYRENE	< 1
TETRACHLOROETHENE	< 1
TOLUENE	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1
TRICHLOROETHENE	23
TRICHLOROFLUOROMETHANE	
VINYL CHLORIDE	< 2
XYLENES (TOTAL)	< 1

Blank Cell=Not Analyzed
See Table 9 for definitions of data qualifiers
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 26: Indoor Air VOC Analytical Data

Sample ID Sample Date (year-mm-dd) Sample Medium/Location Reporting Units	AIR-0101 1999-05-21 Indoor Air Plant 3 - Hydraulic Pit PPB(V/V)	AIR-0102 1999-05-21 Indoor Air Plant 3 - Hydraulic Pit PPB(V/V)	AIR-0103 1999-05-21 Indoor Air - Utility Tunnel PPB(V/V)	AIR-0104 1999-05-21 Indoor Air - Utility Tunnel PPB(V/V)	AIR-0105 1999-05-21 Indoor Air Plant 2 - Hydraulic Pit PPB(V/V)	AIR-0106 1999-05-21 Indoor Air Plant 2 - Hydraulic Pit PPB(V/V)	AIR-0107 2004-02-10 Indoor Air Plant 3 - Tunnel 4' PPB(V/V)	AIR-0108 2004-02-10 Indoor Air Plant 3 - Tunnel 1' PPB(V/V)
1,1,1-TRICHLOROETHANE	< 0.6	< 0.76	0.5	< 0.58	1.6	1.8	0.24 J	< 0.74
1,1,2,2-TETRACHLOROETHANE	< 0.6	< 0.76	< 0.48	< 0.58	< 0.75	< 0.7	< 0.39	< 0.74
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.6	< 0.76	< 0.48	< 0.58	< 0.75	< 0.7	0.2 J	< 0.74
1,1,2-TRICHLOROETHANE	< 0.6	< 0.76	< 0.48	< 0.58	< 0.75	< 0.7	< 0.39	< 0.74
1,1-DICHLOROETHANE	< 0.6	< 0.76	< 0.48	< 0.58	< 0.75	< 0.7	< 0.39	< 0.74
1,1-DICHLOROETHENE	< 0.6	< 0.76	< 0.48	< 0.58	1	1.1	< 0.39	< 0.74
1,2,4-TRICHLOROBENZENE	< 0.6	< 0.76	< 0.48	< 0.58	< 0.75	< 0.7	< 0.39	< 0.74
1,2,4-TRIMETHYLBENZENE	< 0.6	< 0.76	< 0.48	< 0.58	< 0.75	< 0.7	0.2 J	< 0.74
1,2-DIBROMOETHANE (EDB)	< 0.6	< 0.76	< 0.48	< 0.58	< 0.75	< 0.7	< 0.39	< 0.74
1,2-DICHLORO-1,1,2,2-TETRAFLUOROETHANE	< 0.6	< 0.76	< 0.48	< 0.58	< 0.75	< 0.7	< 0.39	< 0.74
1,2-DICHLOROBENZENE	< 0.6	< 0.76	< 0.48	< 0.58	< 0.75	< 0.7	< 0.39	< 0.74
1,2-DICHLOROETHANE	< 0.6	< 0.76	< 0.48	< 0.58	< 0.75	< 0.7	< 0.39	< 0.74
1,2-DICHLOROPROPANE	< 0.6	< 0.76	< 0.48	< 0.58	< 0.75	< 0.7	< 0.39	< 0.74
1,3,5-TRIMETHYLBENZENE	< 0.6	< 0.76	< 0.48	< 0.58	< 0.75	< 0.7	< 0.39	< 0.74
1,3-BUTADIENE							< 0.39	< 0.74
1,3-DICHLOROBENZENE	< 0.6	< 0.76	< 0.48	< 0.58	< 0.75	< 0.7	< 0.39	< 0.74
1,4-DICHLOROBENZENE	< 0.6	< 0.76	< 0.48	< 0.58	< 0.75	< 0.7	0.26 J	0.47 J
1-BUTANOL							0.94 J	< 1.9
2-BUTANONE (MEK)							1.8	1.7 J
2-HEXANONE							< 0.98	< 1.9
3-CHLOROPROPENE							< 0.39	< 0.74
4-METHYL-2-PENTANONE (MIBK)							< 0.98	< 1.9
ACETONE							65	120
ACETONITRILE							< 2	< 3.7
ACROLEIN							0.64 J	< 1.9
ACRYLONITRILE							< 0.98	< 1.9
ALPHA-METHYLSTYRENE							< 0.39	< 0.74
BENZENE	< 0.6	< 0.76	< 0.48	< 0.58	< 0.75	< 0.7	0.82	0.94
BENZYL CHLORIDE	< 0.6	< 0.76	< 0.48	< 0.58	< 0.75	< 0.7	< 0.39	< 0.74
BROMODICHLOROMETHANE							< 0.39	< 0.74
BROMOFORM							< 0.39	< 0.74
BROMOMETHANE	0.8	0.84	< 0.48	< 0.58	< 0.75	< 0.7	< 0.39	< 0.74
CARBON DISULFIDE							0.33 J	0.58 J
CARBON TETRACHLORIDE	< 0.6	< 0.76	< 0.48	< 0.58	< 0.75	< 0.7	< 0.39	< 0.74
CHLOROBENZENE	< 0.6	< 0.76	< 0.48	< 0.58	< 0.75	< 0.7	< 0.39	< 0.74
CHLORODIFLUOROMETHANE							12	12
CHLOROETHANE	< 0.6	< 0.76	< 0.48	< 0.58	< 0.75	< 0.7	< 0.39	< 0.74
CHLOROFORM	< 0.6	< 0.76	< 0.48	< 0.58	< 0.75	< 0.7	< 0.39	< 0.74
CHLOROMETHANE	< 1.5	< 1.9	< 1.2	< 1.4	< 1.9	< 1.7	0.74 J	< 1.9
CIS-1,2-DICHLOROETHENE	< 0.6	< 0.76	0.69	< 0.58	< 0.75	< 0.7	0.18 J	0.27 J
CIS-1,3-DICHLOROPROPENE	< 0.6	< 0.76	< 0.48	< 0.58	< 0.75	< 0.7	< 0.39	< 0.74
CUMENE							< 0.39	< 0.74
CYCLOHEXANE							0.31 J	< 1.9
DIBROMOCHLOROMETHANE							< 0.39	< 0.74
DIBROMOMETHANE							< 0.39	< 0.74
DICHLORODIFLUOROMETHANE	13	13	1.7	2	1.8	1.1	0.67	0.7 J
ETHYL ETHER							< 0.98	< 1.9
ETHYLBENZENE	< 0.6	< 0.76	< 0.48	< 0.58	< 0.75	< 0.7	0.19 J	< 0.74
HEXACHLOROBUTADIENE	< 0.6	< 0.76	< 0.48	< 0.58	< 0.75	< 0.7	< 0.39	< 0.74
METHANOL							13 J B	12 J
METHYL TERT-BUTYL ETHER							< 0.98	< 1.9
METHYLENE CHLORIDE	< 0.6	0.79	< 0.48	< 0.58	< 0.75	< 0.7	0.48 J	< 1.9
M-XYLENE & P-XYLENE	0.87	0.91	< 0.48	< 0.58	< 0.75	< 0.7	0.56	0.63 J
NAPHTHALENE							< 0.39	< 0.74
N-BUTANE							7.6	8.1
N-DECANE							4.9	7.8
N-DODECANE							< 0.39	< 0.74
N-HEPTANE							0.34 J	< 0.74
N-HEXANE							0.8	0.8
N-OCTANE							< 0.39	< 0.74
NONANE							1.5	1.8
N-PROPYLBENZENE							< 0.39	< 0.74
N-UNDECANE							0.89	2.1
O-XYLENE	< 0.6	< 0.76	< 0.48	< 0.58	< 0.75	< 0.7	0.21 J	< 0.74
PENTANE							< 0.98	< 1.9
STYRENE	< 0.6	< 0.76	< 0.48	< 0.58	< 0.75	< 0.7	< 0.39	< 0.74
TETRACHLOROETHENE	5.7	5.6	2.3	3.5	< 0.75	0.75	0.62	0.75
TOLUENE	1.2	1.3	1.8	1.1	5.5	6.7	1.3	1.4
TRANS-1,2-DICHLOROETHENE							< 0.39	< 0.74
TRANS-1,3-DICHLOROPROPENE	< 0.6	< 0.76	< 0.48	< 0.58	< 0.75	< 0.7	< 0.39	< 0.74
TRICHLOROETHENE	< 0.6	< 0.76	0.68	< 0.58	< 0.75	< 0.7	< 0.39	< 0.74
TRICHLOROFLUOROMETHANE	< 0.6	< 0.76	0.48	< 0.58	1	1.3	0.31 J	< 0.74
VINYL ACETATE							< 0.98	< 1.9
VINYL CHLORIDE	< 0.6	< 0.76	< 0.48	< 0.58	< 0.75	< 0.7	< 0.39	< 0.74

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
PPB=Parts Per Billion
V=Volume

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 26: Indoor Air VOC Analytical Data

Sample ID Sample Date (year-mm-dd) Sample Medium/Location Reporting Units	AIR-0109 2004-02-10 Indoor Air Plant 3 - Hydraulic Pit 1' PPB(V/V)	AIR-0110 2004-02-10 Indoor Air Plant 3 - Hydraulic Pit 4' PPB(V/V)	AIR-0111 2004-02-10 Indoor Air Plant 2 - Tunnel 1' PPB(V/V)	AIR-0112 2004-02-10 Indoor Air Plant 2 - Tunnel 4' PPB(V/V)	AIR-0113 2004-02-10 Indoor Air Plant 2 - Hydraulic Pit 1' PPB(V/V)	AIR-0114 2004-02-10 Indoor Air Plant 2 - Hydraulic Pit 4' PPB(V/V)
1,1,1-TRICHLOROETHANE	0.33 J	0.34 J	0.25 J	0.25 J	0.29 J	0.28 J
1,1,2,2-TETRACHLOROETHANE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 0.48	< 0.46	< 0.49	0.23 J	< 0.51	< 0.39
1,1,2-TRICHLOROETHANE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
1,1-DICHLOROETHANE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
1,1-DICHLOROETHENE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
1,2,4-TRICHLOROBENZENE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
1,2,4-TRIMETHYLBENZENE	0.29 J	0.27 J	0.31 J	0.31 J	< 0.51	< 0.39
1,2-DIBROMOETHANE (EDB)	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
1,2-DICHLORO-1,1,2,2-TETRAFLUOROETHANE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
1,2-DICHLOROBENZENE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
1,2-DICHLOROETHANE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
1,2-DICHLOROPROPANE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
1,3,5-TRIMETHYLBENZENE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
1,3-BUTADIENE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
1,3-DICHLOROBENZENE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
1,4-DICHLOROBENZENE	0.61	0.6	0.5	0.49	< 0.51	< 0.39
1-BUTANOL	0.9 J	0.95 J	< 1.2	< 1.1	< 1.3	< 0.96
2-BUTANONE (MEK)	2.5	3.2	1.4	1.4	< 1.3	0.7 J
2-HEXANONE	< 1.2	< 1.2	< 1.2	< 1.1	< 1.3	< 0.96
3-CHLOROPROPENE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
4-METHYL-2-PENTANONE (MIBK)	< 1.2	< 1.2	< 1.2	< 1.1	10	9.5
ACETONE	47	120	140	130	20	21
ACETONITRILE	< 2.4	< 2.3	< 2.4	< 2.2	< 2.6	< 1.9
ACROLEIN	< 1.2	1.4	< 1.2	< 1.1	< 1.3	< 0.96
ACRYLONITRILE	< 1.2	< 1.2	< 1.2	< 1.1	< 1.3	< 0.96
ALPHA-METHYLSTYRENE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
BENZENE	0.6	0.66	0.7	0.71	0.34 J	0.36 J
BENZYL CHLORIDE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
BROMODICHLOROMETHANE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
BROMOFORM	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
BROMOMETHANE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
CARBON DISULFIDE	< 0.48	< 0.46	0.23 J	< 0.44	< 0.51	< 0.39
CARBON TETRACHLORIDE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
CHLOROBENZENE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
CHLORODIFLUOROMETHANE	6	6.4	11	11	0.93	1.1
CHLOROETHANE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
CHLOROFORM	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
CHLOROMETHANE	0.8 J	0.76 J	0.71 J	0.73 J	0.68 J	0.68 J
CIS-1,2-DICHLOROETHENE	< 0.48	< 0.46	0.71	0.72	< 0.51	< 0.39
CIS-1,3-DICHLOROPROPENE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
CUMENE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
CYCLOHEXANE	< 1.2	< 1.2	< 1.2	0.27 J	< 1.3	< 0.96
DIBROMOCHLOROMETHANE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
DIBROMOMETHANE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
DICHLORODIFLUOROMETHANE	0.72	0.74	0.68	0.7	1.5	1.5
ETHYL ETHER	< 1.2	< 1.2	< 1.2	< 1.1	< 1.3	< 0.96
ETHYLBENZENE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
HEXACHLOROBUTADIENE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
METHANOL	16 J B	31 B	11 J B	12 J B	72 B	62 B
METHYL TERT-BUTYL ETHER	< 1.2	< 1.2	< 1.2	< 1.1	< 1.3	< 0.96
METHYLENE CHLORIDE	< 1.2	< 1.2	< 1.2	< 1.1	< 1.3	< 0.96
M-XYLENE & P-XYLENE	0.43 J	0.42 J	0.49	0.5	0.26 J	0.17 J
NAPHTHALENE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
N-BUTANE	5.6	6	6.5	6.5	1.1	1.2
N-DECANE	1.2	1.2	6.2	6.8	1	0.34 J
N-DODECANE	0.38 J	0.42 J	< 0.49	< 0.44	< 0.51	< 0.39
N-HEPTANE	0.29 J	0.3 J	0.34 J	0.35 J	0.39 J	0.32 J
N-HEXANE	0.63	0.69	0.7	0.68	< 0.51	0.14 J
N-OCTANE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
NONANE	0.28 J	0.28 J	1.5	1.5	0.41 J	< 0.39
N-PROPYLBENZENE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
N-UNDECANE	1.3	1.2	2.3	2.4	0.61	< 0.39
O-XYLENE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
PENTANE	< 1.2	< 1.2	< 1.2	< 1.1	< 1.3	< 0.96
STYRENE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
TETRACHLOROETHENE	0.37 J	0.39 J	1.2	1.2	0.28 J	0.24 J
TOLUENE	1.1	1.1	1.2	1.2	4.8	4.1
TRANS-1,2-DICHLOROETHENE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
TRANS-1,3-DICHLOROPROPENE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39
TRICHLOROETHENE	< 0.48	< 0.46	0.36 J	0.39 J	0.27 J	0.24 J
TRICHLOROFLUOROMETHANE	0.34 J	0.35 J	0.32 J	0.32 J	0.5 J	0.51
VINYL ACETATE	< 1.2	1.2	< 1.2	< 1.1	< 1.3	< 0.96
VINYL CHLORIDE	< 0.48	< 0.46	< 0.49	< 0.44	< 0.51	< 0.39

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
PPB=Parts Per Billion
V=Volume

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 27: Surface Water VOC Analytical Data

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	ST01-01 1999-03-04 Surface Water - Storm Sewer µg/L	ST01-01 2000-06-07 Surface Water - Storm Sewer µg/L	ST01-02 1999-03-04 Surface Water - Storm Sewer µg/L	ST01-02 2000-06-07 Surface Water - Storm Sewer µg/L	ST01-03 1999-03-04 Surface Water - Storm Sewer µg/L	ST01-03 2000-06-07 Surface Water - Storm Sewer µg/L	ST01-04 1999-03-04 Surface Water - Storm Sewer µg/L	ST01-05 1999-03-04 Surface Water - Storm Sewer µg/L
1,1,1-TRICHLOROETHANE	< 1	< 7.1	< 1	< 2.5	< 1	< 1	< 3.3	< 3.3
1,1,2,2-TETRACHLOROETHANE	< 1	< 7.1	< 1	< 2.5	< 1	< 1	< 3.3	< 3.3
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE								
1,1,2-TRICHLOROETHANE	< 1	< 7.1	< 1	< 2.5	< 1	< 1	< 3.3	< 3.3
1,1-DICHLOROETHANE	< 1	< 7.1	< 1	< 2.5	< 1	< 1	< 3.3	< 3.3
1,1-DICHLOROETHENE	< 1	< 7.1	< 1	< 2.5	< 1	< 1	< 3.3	< 3.3
1,2,4-TRICHLOROBENZENE								
1,2-DIBROMO-3-CHLOROPROPANE								
1,2-DIBROMOETHANE								
1,2-DICHLOROBENZENE								
1,2-DICHLOROETHANE	< 1	< 7.1	< 1	< 2.5	< 1	< 1	< 3.3	< 3.3
1,2-DICHLOROETHENE (TOTAL)	28	220	11	66	4.8	8.9	31	35
1,2-DICHLOROPROPANE	< 1	< 7.1	< 1	< 2.5	< 1	< 1	< 3.3	< 3.3
1,3-DICHLOROBENZENE								
1,4-DICHLOROBENZENE								
2-BUTANONE	< 10	< 71	< 10	< 25	< 10	< 10	< 33	< 33
2-CHLOROETHYL VINYL ETHER								
2-HEXANONE	< 10	< 71	< 10	< 25	< 10	< 10	< 33	< 33
4-METHYL-2-PENTANONE	< 10	< 71	< 10	< 25	< 10	< 10	< 33	< 33
ACETONE	< 10	< 71	< 10	< 25	< 10	< 10	< 33	< 33
BENZENE	< 1	< 7.1	< 1	< 2.5	< 1	< 1	< 3.3	< 3.3
BROMODICHLOROMETHANE	< 1	< 7.1	< 1	< 2.5	< 1	< 1	< 3.3	< 3.3
BROMOFORM	< 1	< 7.1	< 1	< 2.5	< 1	< 1	< 3.3	< 3.3
BROMOMETHANE	< 2	< 14	< 2	< 5	< 2	< 2	< 6.7	< 6.7
CARBON DISULFIDE	< 1	< 7.1	< 1	< 2.5	< 1	< 1	< 3.3	< 3.3
CARBON TETRACHLORIDE	< 1	< 7.1	< 1	< 2.5	< 1	< 1	< 3.3	< 3.3
CHLOROBENZENE	< 1	< 7.1	< 1	< 2.5	< 1	< 1	< 3.3	< 3.3
CHLOROETHANE	< 2	< 14	< 2	< 5	< 2	< 2	< 6.7	< 6.7
CHLOROFORM	< 1	< 7.1	< 1	< 2.5	< 1	< 1	< 3.3	< 3.3
CHLOROMETHANE	< 2	< 14	< 2	< 5	< 2	< 2	< 6.7	< 6.7
CIS-1,2-DICHLOROETHENE	27	220	10	66	4.8	8.8	31	35
CIS-1,3-DICHLOROPROPENE	< 1	< 7.1	< 1	< 2.5	< 1	< 1	< 3.3	< 3.3
CYCLOHEXANE								
DIBROMOCHLOROMETHANE	< 1	< 7.1	< 1	< 2.5	< 1	< 1	< 3.3	< 3.3
DICHLORODIFLUOROMETHANE								
ETHYLBENZENE	< 1	< 7.1	< 1	< 2.5	< 1	< 1	< 3.3	< 3.3
ISOPROPYLBENZENE								
METHYL ACETATE								
METHYL TERT-BUTYL ETHER								
METHYLCYCLOHEXANE								
METHYLENE CHLORIDE	< 1	< 7.1	< 1	< 2.5	< 1	< 1	< 3.3	< 3.3
N-HEXANE	< 1	< 7.1	< 1	< 2.5	< 1	< 1	< 3.3	< 3.3
STYRENE	< 1	< 7.1	< 1	< 2.5	< 1	< 1	< 3.3	< 3.3
TETRACHLOROETHENE	21	31	19	44	8.2	20	68	67
TOLUENE	< 1	< 7.1	< 1	< 2.5	< 1	< 1	< 3.3	< 3.3
TRANS-1,2-DICHLOROETHENE	< 0.5	< 3.6	< 0.5	< 1.2	< 0.5	< 0.5	< 1.7	< 1.7
TRANS-1,3-DICHLOROPROPENE	< 1	< 7.1	< 1	< 2.5	< 1	< 1	< 3.3	< 3.3
TRICHLOROETHENE	22	49	6.4	17	2.8	3.4	10	10
TRICHLOROFLUOROMETHANE								
VINYL CHLORIDE	< 2	< 14	4.1	< 5	< 2	< 2	< 6.7	< 6.7
XYLENES (TOTAL)	< 1	< 7.1	< 1	< 2.5	< 1	< 1	< 3.3	< 3.3

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 27: Surface Water VOC Analytical Data

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	ST01-05 2000-06-07 Surface Water - Storm Sewer µg/L	ST01-06 1999-03-04 Surface Water - Storm Sewer µg/L	ST01-07 DUP 1999-03-04 Surface Water - Storm Sewer µg/L	ST01-07 1999-03-04 Surface Water - Storm Sewer µg/L	ST01-07 2000-06-07 Surface Water - Storm Sewer µg/L	ST02-01 1999-03-04 Surface Water - Storm Sewer µg/L	ST02-02 1999-03-04 Surface Water - Storm Sewer µg/L	ST02-03 1999-01-13 Surface Water - Storm Sewer µg/L
1,1,1-TRICHLOROETHANE	< 3.3	< 3.1	< 1.9	< 1.9	< 2	< 1	< 1	< 4.2
1,1,2,2-TETRACHLOROETHANE	< 3.3	< 3.1	< 1.9	< 1.9	< 2	< 1	< 1	< 4.2
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE								
1,1,2-TRICHLOROETHANE	< 3.3	< 3.1	< 1.9	< 1.9	< 2	< 1	< 1	< 4.2
1,1-DICHLOROETHANE	< 3.3	< 3.1	< 1.9	< 1.9	< 2	< 1	< 1	< 4.2
1,1-DICHLOROETHENE	< 3.3	< 3.1	< 1.9	< 1.9	< 2	< 1	< 1	< 4.2
1,2,4-TRICHLOROBENZENE								
1,2-DIBROMO-3-CHLOROPROPANE								
1,2-DIBROMOETHANE								
1,2-DICHLOROBENZENE								
1,2-DICHLOROETHANE	< 3.3	< 3.1	< 1.9	< 1.9	< 2	< 1	< 1	
1,2-DICHLOROETHENE (TOTAL)	69	32	26	25	19	< 1	< 1	1.5 J
1,2-DICHLOROPROPANE	< 3.3	< 3.1	< 1.9	< 1.9	< 2	< 1	< 1	< 4.2
1,3-DICHLOROBENZENE								
1,4-DICHLOROBENZENE								
2-BUTANONE	< 33	< 31	< 19	< 19	< 20	< 10	< 10	< 42
2-CHLOROETHYL VINYL ETHER								
2-HEXANONE	< 33	< 31	< 19	< 19	< 20	< 10	< 10	< 42
4-METHYL-2-PENTANONE	< 33	< 31	< 19	< 19	< 20	< 10	< 10	< 42
ACETONE	< 33	< 31	< 19	< 19	< 20	< 10	< 10	20 J
BENZENE	< 3.3	< 3.1	< 1.9	< 1.9	< 2	< 1	< 1	< 4.2
BROMODICHLOROMETHANE	< 3.3	< 3.1	< 1.9	< 1.9	< 2	< 1	< 1	< 4.2
BROMOFORM	< 3.3	< 3.1	< 1.9	< 1.9	< 2	< 1	< 1	< 4.2
BROMOMETHANE	< 6.7	< 6.2	< 3.8	< 3.8	< 4	< 2	< 2	< 8.3
CARBON DISULFIDE	< 3.3	< 3.1	< 1.9	< 1.9	< 2	< 1	< 1	< 4.2
CARBON TETRACHLORIDE	< 3.3	< 3.1	< 1.9	< 1.9	< 2	< 1	< 1	< 4.2
CHLOROBENZENE	< 3.3	< 3.1	< 1.9	< 1.9	< 2	< 1	< 1	< 4.2
CHLOROETHANE	< 6.7	< 6.2	< 3.8	< 3.8	< 4	< 2	< 2	< 8.3
CHLOROFORM	< 3.3	< 3.1	< 1.9	< 1.9	< 2	< 1	< 1	< 4.2
CHLOROMETHANE	< 6.7	< 6.2	< 3.8	< 3.8	< 4	< 2	< 2	< 8.3
CIS-1,2-DICHLOROETHENE	68	31	26	24	19	< 0.5	< 0.5	1.5 J
CIS-1,3-DICHLOROPROPENE	< 3.3	< 3.1	< 1.9	< 1.9	< 2	< 1	< 1	< 4.2
CYCLOHEXANE								
DIBROMOCHLOROMETHANE	< 3.3	< 3.1	< 1.9	< 1.9	< 2	< 1	< 1	< 4.2
DICHLORODIFLUOROMETHANE								
ETHYLBENZENE	< 3.3	< 3.1	< 1.9	< 1.9	< 2	< 1	< 1	< 4.2
ISOPROPYLBENZENE								
METHYL ACETATE								
METHYL TERT-BUTYL ETHER								
METHYLCYCLOHEXANE								
METHYLENE CHLORIDE	< 3.3	< 3.1	< 1.9	< 1.9	< 2	< 1	< 1	< 4.2
N-HEXANE	< 3.3	< 3.1	< 1.9	< 1.9	< 2	< 1	< 1	< 4.2
STYRENE	< 3.3	< 3.1	< 1.9	< 1.9	< 2	< 1	< 1	< 4.2
TETRACHLOROETHENE	93	79	61	58	48	< 1	< 1	110
TOLUENE	< 3.3	< 3.1	< 1.9	< 1.9	< 2	< 1	< 1	< 4.2
TRANS-1,2-DICHLOROETHENE	< 1.7	< 1.6	< 0.96	< 0.96	< 1	< 0.5	< 0.5	< 2.1
TRANS-1,3-DICHLOROPROPENE	< 3.3	< 3.1	< 1.9	< 1.9	< 2	< 1	< 1	< 4.2
TRICHLOROETHENE	21	9.6	7.4	7	6.1	1.1	< 1	2.3 J
TRICHLOROFLUOROMETHANE								
VINYL CHLORIDE	< 6.7	< 6.2	< 3.8	< 3.8	< 4	< 2	< 2	< 8.3
XYLENES (TOTAL)	< 3.3	< 3.1	< 1.9	< 1.9	< 2	< 1	< 1	< 4.2

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 27: Surface Water VOC Analytical Data

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	ST02-03 1999-03-04 Surface Water - Storm Sewer µg/L	ST02-03 1999-05-14 Surface Water - Storm Sewer µg/L	ST02-03 2000-06-07 Surface Water - Storm Sewer µg/L	ST02-03 2000-09-15 Surface Water - Storm Sewer µg/L	ST02-03 2001-06-07 Surface Water - Storm Sewer µg/L	ST02-03 2001-11-19 Surface Water - Storm Sewer µg/L	ST02-03 2004-02-20 Surface Water - Storm Sewer µg/L	ST02-04 1999-03-04 Surface Water - Storm Sewer µg/L
1,1,1-TRICHLOROETHANE	< 1	< 17	< 20	< 12	< 5	< 3.3	< 5	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 17	< 20	< 12	< 5	< 3.3	< 5	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					< 5	< 3.3	< 5	
1,1,2-TRICHLOROETHANE	< 1	< 17	< 20	< 12	< 5	< 3.3	< 5	< 1
1,1-DICHLOROETHANE	< 1	< 17	< 20	< 12	< 5	< 3.3	< 5	< 1
1,1-DICHLOROETHENE	< 1	< 17	< 20	< 12	< 5	< 3.3	< 5	< 1
1,2,4-TRICHLOROBENZENE							< 5	
1,2-DIBROMO-3-CHLOROPROPANE							< 10	
1,2-DIBROMOETHANE							< 5	
1,2-DICHLOROBENZENE				< 12			< 5	
1,2-DICHLOROETHANE	< 1	< 17	< 20	< 12	< 5	< 3.3	< 5	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1	< 17	< 20		9.4	23		< 1
1,2-DICHLOROPROPANE	< 1	< 17	< 20	< 12	< 5	< 3.3	< 5	< 1
1,3-DICHLOROBENZENE				< 12			< 5	
1,4-DICHLOROBENZENE				< 12			< 5	
2-BUTANONE	< 10	< 170	< 200		< 50	< 33	< 50	< 10
2-CHLOROETHYL VINYL ETHER				<				
2-HEXANONE	< 10	< 170	< 200		< 50	< 33	< 50	< 10
4-METHYL-2-PENTANONE	< 10	< 170	< 200		< 25	< 17	< 50	< 10
ACETONE	< 10	< 170	< 200		< 20	< 33	3.6 J B u	< 10
BENZENE	< 1	< 17	< 20	< 12	< 5	< 3.3	< 5	< 1
BROMODICHLOROMETHANE	< 1	< 17	< 20	< 12	< 5	< 3.3	< 5	< 1
BROMOFORM	< 1	< 17	< 20	< 12	< 5	< 3.3	< 5	< 1
BROMOMETHANE	< 2	< 33	< 40	< 25	< 10	< 6.7	< 5	< 2
CARBON DISULFIDE	< 1	< 17	< 20		< 5	< 3.3	< 5	< 1
CARBON TETRACHLORIDE	< 1	< 17	< 20	< 12	< 5	< 3.3	< 5	< 1
CHLOROBENZENE	< 1	< 17	< 20	< 12	< 5	< 3.3	< 5	< 1
CHLOROETHANE	< 2	< 33	< 40	< 25	< 10	< 6.7	< 5	< 2
CHLOROFORM	< 1	< 17	< 20	< 12	< 5	< 3.3	< 5	< 1
CHLOROMETHANE	< 2	< 33	< 40	< 25	< 10	< 6.7	< 5	< 2
CIS-1,2-DICHLOROETHENE	< 0.5	16	< 10		9.4	23	12	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 17	< 20	< 12	< 5	< 3.3	< 5	< 1
CYCLOHEXANE							< 5	
DIBROMOCHLOROMETHANE	< 1	< 17	< 20	< 12	< 5	< 3.3	< 5	< 1
DICHLORODIFLUOROMETHANE							< 5	
ETHYLBENZENE	< 1	< 17	< 20	< 12	< 5	< 3.3	< 5	< 1
ISOPROPYLBENZENE							< 5	
METHYL ACETATE							< 50	
METHYL TERT-BUTYL ETHER							< 25	
METHYLCYCLOHEXANE							< 5	
METHYLENE CHLORIDE	< 1	< 17	< 20	< 25	< 10	< 3.3	< 5	< 1
N-HEXANE	< 1	< 17	< 20		< 5	< 3.3		< 1
STYRENE	< 1	< 17	< 20		< 5	< 3.3	< 5	< 1
TETRACHLOROETHENE	31	390	560	340	160	110	170	< 1
TOLUENE	< 1	< 17	< 20	< 12	< 5	< 3.3	< 5	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 8.3	< 10	< 6.2	< 2.5	< 1.7	< 2.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 17	< 20	< 12	< 5	< 3.3	< 5	< 1
TRICHLOROETHENE	< 1	< 17	< 20	< 12	5.1	6.9	6.4 B	< 1
TRICHLOROFLUOROMETHANE				< 25			< 5	
VINYL CHLORIDE	< 2	< 33	< 40	< 25	< 10	< 6.7	< 5	< 2
XYLENES (TOTAL)	< 1	< 17	< 20		< 5	< 3.3	< 5	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 27: Surface Water VOC Analytical Data

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	ST02-05 1999-01-13 Surface Water - Storm Sewer Outfall to Unname	ST02-05 1999-03-04 Surface Water - Storm Sewer Outfall to Unname	ST02-05 1999-05-14 Surface Water - Storm Sewer Outfall to Unname	ST02-05 1999-12-02 Surface Water - Storm Sewer Outfall to Unname	ST02-05 2000-06-07 Surface Water - Storm Sewer Outfall to Unname	ST02-05 2000-11-02 Surface Water - Storm Sewer Outfall to Unname	ST02-05 2001-06-07 Surface Water - Storm Sewer Outfall to Unname	ST02-05 2001-11-19 Surface Water - Storm Sewer Outfall to Unname
1,1,1-TRICHLOROETHANE	< 2.5	< 1.2	< 2.5	< 1	< 1.4	< 1	< 1	< 2.5
1,1,2,2-TETRACHLOROETHANE	< 2.5	< 1.2	< 2.5	< 1	< 1.4	< 1	< 1	< 2.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE						< 1	< 1	< 2.5
1,1,2-TRICHLOROETHANE	< 2.5	< 1.2	< 2.5	< 1	< 1.4	< 1	< 1	< 2.5
1,1-DICHLOROETHANE	< 2.5	< 1.2	< 2.5	< 1	< 1.4	< 1	< 1	< 2.5
1,1-DICHLOROETHENE	< 2.5	< 1.2	< 2.5	< 1	< 1.4	< 1	< 1	< 2.5
1,2,4-TRICHLOROBENZENE								
1,2-DIBROMO-3-CHLOROPROPANE								
1,2-DIBROMOETHANE								
1,2-DICHLOROBENZENE								
1,2-DICHLOROETHANE		< 1.2	< 2.5	< 1	< 1.4	< 1	< 1	< 2.5
1,2-DICHLOROETHENE (TOTAL)	1.2 J	< 1.2	< 2.5	< 1	< 1.4	< 1	< 1	< 2.5
1,2-DICHLOROPROPANE	< 2.5	< 1.2	< 2.5	< 1	< 1.4	< 1	< 1	< 2.5
1,3-DICHLOROBENZENE								
1,4-DICHLOROBENZENE								
2-BUTANONE	< 25	< 12	< 25	< 10	< 14	< 10	< 10	< 25
2-CHLOROETHYL VINYL ETHER								
2-HEXANONE	< 25	< 12	< 25	< 10	< 14	< 10	< 10	< 25
4-METHYL-2-PENTANONE	< 25	< 12	< 25	< 10	< 14	< 5	< 5	< 12
ACETONE	< 25	< 12	< 25	< 10	< 14	< 10	< 10	< 25
BENZENE	< 2.5	< 1.2	< 2.5	< 1	< 1.4	< 1	< 1	< 2.5
BROMODICHLOROMETHANE	< 2.5	< 1.2	< 2.5	< 1	< 1.4	< 1	< 1	< 2.5
BROMOFORM	< 2.5	< 1.2	< 2.5	< 1	< 1.4	< 1	< 1	< 2.5
BROMOMETHANE	< 5	< 2.5	< 5	< 2	< 2.8	< 2	< 2	< 5
CARBON DISULFIDE	< 2.5	< 1.2	< 2.5	< 1	< 1.4	< 1	< 1	< 2.5
CARBON TETRACHLORIDE	< 2.5	< 1.2	< 2.5	< 1	< 1.4	< 1	< 1	< 2.5
CHLOROBENZENE	< 2.5	< 1.2	< 2.5	< 1	< 1.4	< 1	< 1	< 2.5
CHLOROETHANE	< 5	< 2.5	< 5	< 2	< 2.8	< 2	< 2	< 5
CHLOROFORM	< 2.5	< 1.2	< 2.5	< 1	< 1.4	< 1	< 1	< 2.5
CHLOROMETHANE	< 5	< 2.5	< 5	< 2	< 2.8	< 2	< 2	< 5
CIS-1,2-DICHLOROETHENE	1.2	1.1	< 1.2	< 0.5	< 0.71	< 0.5	0.72	< 1.2
CIS-1,3-DICHLOROPROPENE	< 2.5	< 1.2	< 2.5	< 1	< 1.4	< 1	< 1	< 2.5
CYCLOHEXANE								
DIBROMOCHLOROMETHANE	< 2.5	< 1.2	< 2.5	< 1	< 1.4	< 1	< 1	< 2.5
DICHLORODIFLUOROMETHANE								
ETHYLBENZENE	< 2.5	< 1.2	< 2.5	< 1	< 1.4	< 1	< 1	< 2.5
ISOPROPYLBENZENE								
METHYL ACETATE								
METHYL TERT-BUTYL ETHER								
METHYLCYCLOHEXANE								
METHYLENE CHLORIDE	< 2.5	< 1.2	< 2.5	< 1	< 1.4	< 1	< 1	< 2.5
N-HEXANE	< 2.5	< 1.2	< 2.5	< 1	< 1.4	< 1	< 1	< 2.5
STYRENE	< 2.5	< 1.2	< 2.5	< 1	< 1.4	< 1	< 1	< 2.5
TETRACHLOROETHENE	59	44	54	< 1	28	24	38	75
TOLUENE	< 2.5	< 1.2	< 2.5	< 1	< 1.4	< 1	< 1	< 2.5
TRANS-1,2-DICHLOROETHENE	< 1.2	< 0.62	< 1.2	< 0.5	< 0.71	< 0.5	< 0.5	< 1.2
TRANS-1,3-DICHLOROPROPENE	< 2.5	< 1.2	< 2.5	< 1	< 1.4	< 1	< 1	< 2.5
TRICHLOROETHENE	1.4 J	< 1.2	< 2.5	< 1	< 1.4	< 1	< 1	< 2.5
TRICHLOROFLUOROMETHANE								
VINYL CHLORIDE	< 5	< 2.5	< 5	< 2	< 2.8	< 2	< 2	< 5
XYLENES (TOTAL)	< 2.5	< 1.2	< 2.5	< 1	< 1.4	< 1	< 1	< 2.5

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 27: Surface Water VOC Analytical Data

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	ST02-05 2003-02-18 Surface Water - Storm Sewer Outfall to Unname	ST02-05 2003-05-08 Surface Water - Storm Sewer Outfall to Unname	ST02-05 2003-11-06 Surface Water - Storm Sewer Outfall to Unname	ST02-05 2004-02-17 Surface Water - Storm Sewer Outfall to Unname	ST02-06 1999-01-13 Surface Water - Unnamed Creek µg/L	ST02-06 1999-03-04 Surface Water - Unnamed Creek µg/L	ST02-06 1999-05-14 Surface Water - Unnamed Creek µg/L	ST02-06 1999-12-02 Surface Water - Unnamed Creek µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.7
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.7
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1				
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.7
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.7
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.7
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1				
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2				
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1				
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1				
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1		< 1	< 1	< 1.7
1,2-DICHLOROETHENE (TOTAL)					0.58 J	< 1	< 1	< 1.7
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.7
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1				
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1				
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 17
2-CHLOROETHYL VINYL ETHER								
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 17
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 17
ACETONE	< 10	1.6 J	< 10	< 10	7.8 J	< 10	13	37
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.7
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.7
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.7
BROMOMETHANE	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 3.3
CARBON DISULFIDE	< 1	< 1	< 1	< 1	0.22 J	< 1	< 1	< 1.7
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.7
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.7
CHLOROETHANE	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 3.3
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.7
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 3.3
CIS-1,2-DICHLOROETHENE	0.78	0.63	< 0.5	0.31 J	0.58	< 0.5	< 0.5	< 0.83
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.7
CYCLOHEXANE	< 1	< 1	< 1	< 1				
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.7
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1				
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.7
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1				
METHYL ACETATE	< 10	< 10	< 10	< 10				
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5				
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1				
METHYLENE CHLORIDE	< 1	0.52 J B	< 1	< 1	< 1	< 1	< 1	< 1.7
N-HEXANE					< 1	< 1	< 1	< 1.7
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.7
TETRACHLOROETHENE	39	26	19	15	30	19	11	< 1.7
TOLUENE	< 1	< 1	< 1	0.23 J	< 1	< 1	< 1	< 1.7
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.83
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.7
TRICHLOROETHENE	0.9 J	0.69 J	0.41 J	0.4 J	0.75 J	< 1	< 1	< 1.7
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1				
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 3.3
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.7

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 27: Surface Water VOC Analytical Data

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	ST02-06 2000-06-07 Surface Water - Unnamed Creek µg/L	ST02-06 2000-11-02 Surface Water - Unnamed Creek µg/L	ST02-06 2001-06-07 Surface Water - Unnamed Creek µg/L	ST02-06 2001-11-19 Surface Water - Unnamed Creek µg/L	ST02-07 1999-01-13 Surface Water - Unnamed Creek µg/L	ST02-07 1999-03-04 Surface Water - Unnamed Creek µg/L	ST02-07 1999-05-14 Surface Water - Unnamed Creek µg/L	ST02-07 1999-12-02 Surface Water - Unnamed Creek µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE		< 1	< 1	< 1				
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE								
1,2-DIBROMO-3-CHLOROPROPANE								
1,2-DIBROMOETHANE								
1,2-DICHLOROBENZENE								
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1		< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1	< 1	< 1	< 1	0.36 J	< 1	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE								
1,4-DICHLOROBENZENE								
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-CHLOROETHYL VINYL ETHER								
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 5	< 5	< 5	< 10	< 10	< 10	< 10
ACETONE	< 10	< 10	< 10	< 10	7.3 J	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	0.36 J	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE								
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE								
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE								
METHYL ACETATE								
METHYL TERT-BUTYL ETHER								
METHYLCYCLOHEXANE								
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	8.4	1	17	4	19	9.4	2.6	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	0.49 J	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE								
VINYL CHLORIDE	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 27: Surface Water VOC Analytical Data

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	ST02-07 2000-06-07 Surface Water - Unnamed Creek µg/L	ST02-07 2000-11-02 Surface Water - Unnamed Creek µg/L	ST02-07 2001-06-07 Surface Water - Unnamed Creek µg/L	ST02-08 1999-03-04 Surface Water - Storm Sewer µg/L	ST02-09 1999-05-14 Surface Water - Unnamed Creek µg/L	ST02-09 1999-12-02 Surface Water - Unnamed Creek µg/L	ST02-09 2000-06-07 Surface Water - Unnamed Creek µg/L	ST02-09 2000-11-02 Surface Water - Unnamed Creek µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 2.5	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 2.5	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE		< 1	< 1					< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 2.5	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 2.5	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 2.5	< 1	< 1
1,2,4-TRICHLOROBENZENE								
1,2-DIBROMO-3-CHLOROPROPANE								
1,2-DIBROMOETHANE								
1,2-DICHLOROBENZENE								
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 2.5	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 2.5	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 2.5	< 1	< 1
1,3-DICHLOROBENZENE								
1,4-DICHLOROBENZENE								
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 25	< 10	< 10
2-CHLOROETHYL VINYL ETHER								
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 25	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 5	< 5	< 10	< 10	< 25	< 10	< 5
ACETONE	< 10	< 10	< 10	< 10	< 10	< 25	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 2.5	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 2.5	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 2.5	< 1	< 1
BROMOMETHANE	< 2	< 2	< 2	< 2	< 2	< 5	< 2	< 2
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 2.5	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 2.5	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 2.5	< 1	< 1
CHLOROETHANE	< 2	< 2	< 2	< 2	< 2	< 5	< 2	< 2
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 2.5	< 1	< 1
CHLOROMETHANE	< 2	< 2	< 2	< 2	< 2	< 5	< 2	< 2
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	0.67	< 1.2	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 2.5	< 1	< 1
CYCLOHEXANE								
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 2.5	< 1	< 1
DICHLORODIFLUOROMETHANE								
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 2.5	< 1	< 1
ISOPROPYLBENZENE								
METHYL ACETATE								
METHYL TERT-BUTYL ETHER								
METHYLCYCLOHEXANE								
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 2.5	< 1	< 1
N-HEXANE	< 1	< 1	< 1	< 1	< 1	< 2.5	< 1	< 1
STYRENE	< 1	< 1	< 1	< 1	< 1	< 2.5	< 1	< 1
TETRACHLOROETHENE	2.5	< 1	8.6	< 1	23	< 2.5	16	3.3
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 2.5	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.2	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 2.5	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 2.5	< 1	< 1
TRICHLOROFLUOROMETHANE								
VINYL CHLORIDE	< 2	< 2	< 2	< 2	< 2	< 5	< 2	< 2
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 2.5	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 27: Surface Water VOC Analytical Data

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	ST02-09 2001-06-07 Surface Water - Unnamed Creek µg/L
1,1,1-TRICHLOROETHANE	< 1
1,1,2,2-TETRACHLOROETHANE	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1
1,1,2-TRICHLOROETHANE	< 1
1,1-DICHLOROETHANE	< 1
1,1-DICHLOROETHENE	< 1
1,2,4-TRICHLOROBENZENE	
1,2-DIBROMO-3-CHLOROPROPANE	
1,2-DIBROMOETHANE	
1,2-DICHLOROBENZENE	
1,2-DICHLOROETHANE	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1
1,2-DICHLOROPROPANE	< 1
1,3-DICHLOROBENZENE	
1,4-DICHLOROBENZENE	
2-BUTANONE	< 10
2-CHLOROETHYL VINYL ETHER	
2-HEXANONE	< 10
4-METHYL-2-PENTANONE	< 5
ACETONE	< 10
BENZENE	< 1
BROMODICHLOROMETHANE	< 1
BROMOFORM	< 1
BROMOMETHANE	< 2
CARBON DISULFIDE	< 1
CARBON TETRACHLORIDE	< 1
CHLOROBENZENE	< 1
CHLOROETHANE	< 2
CHLOROFORM	< 1
CHLOROMETHANE	< 2
CIS-1,2-DICHLOROETHENE	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1
CYCLOHEXANE	
DIBROMOCHLOROMETHANE	< 1
DICHLORODIFLUOROMETHANE	
ETHYLBENZENE	< 1
ISOPROPYLBENZENE	
METHYL ACETATE	
METHYL TERT-BUTYL ETHER	
METHYLCYCLOHEXANE	
METHYLENE CHLORIDE	< 1
N-HEXANE	< 1
STYRENE	< 1
TETRACHLOROETHENE	22
TOLUENE	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1
TRICHLOROETHENE	< 1
TRICHLOROFLUOROMETHANE	
VINYL CHLORIDE	< 2
XYLENES (TOTAL)	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 28: Sediment VOC Analytical Data

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	SED02-01 1999-03-04 Sediment µg/kg	SED02-01 1999-05-14 Sediment µg/kg	SED02-01 1999-12-02 Sediment µg/kg	SED02-01 2000-06-07 Sediment µg/kg	SED02-01 2000-11-02 Sediment µg/kg	SED02-01 2001-06-07 Sediment µg/kg	SED02-01 2001-11-19 Sediment µg/kg	SED02-01 2003-11-06 Sediment µg/kg
1,1,1-TRICHLOROETHANE	< 5	< 5.6	< 5.2	< 16	< 5.9	< 5.8	< 11	< 6.3
1,1,2,2-TETRACHLOROETHANE	< 5	< 5.6	< 5.2	< 16	< 5.9	< 5.8	< 11	< 6.3
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					< 5.9	< 5.8	< 11	< 6.3
1,1,2-TRICHLOROETHANE	< 5	< 5.6	< 5.2	< 16	< 5.9	< 5.8	< 11	< 6.3
1,1-DICHLOROETHANE	< 5	< 5.6	< 5.2	< 16	< 5.9	< 5.8	< 11	< 6.3
1,1-DICHLOROETHENE	< 5	< 5.6	< 5.2	< 16	< 5.9	< 5.8	< 11	< 6.3
1,2,4-TRICHLOROBENZENE				< 32	< 12	< 12		< 6.3
1,2-DIBROMO-3-CHLOROPROPANE								< 13
1,2-DIBROMOETHANE								< 6.3
1,2-DICHLOROBENZENE				< 32	< 12	< 12		< 6.3
1,2-DICHLOROETHANE	< 5	< 5.6	< 5.2	< 16	< 5.9	< 5.8	< 11	< 6.3
1,2-DICHLOROETHENE (TOTAL)	< 5	39	< 5.2	270	6.2	< 5.8	< 11	
1,2-DICHLOROPROPANE	< 5	< 5.6	< 5.2	< 16	< 5.9	< 5.8	< 11	< 6.3
1,3-DICHLOROBENZENE				< 32	< 12	< 12		< 6.3
1,4-DICHLOROBENZENE				< 32	< 12	< 12		< 6.3
2-BUTANONE	< 20	< 23	< 21	< 63	< 24	< 23	< 45	< 25
2-HEXANONE	< 20	< 23	< 21	< 63	< 24	< 23	< 45	< 25
4-METHYL-2-PENTANONE	< 20	< 23	< 21	< 63	< 24	< 23	< 45	< 25
ACETONE	< 20	< 23	33	< 63	< 24	< 23	< 45	< 25
BENZENE	< 5	< 5.6	< 5.2	< 16	< 5.9	< 5.8	< 11	< 6.3
BROMODICHLOROMETHANE	< 5	< 5.6	< 5.2	< 16	< 5.9	< 5.8	< 11	< 6.3
BROMOFORM	< 5	< 5.6	< 5.2	< 16	< 5.9	< 5.8	< 11	< 6.3
BROMOMETHANE	< 10	< 11	< 10	< 32	< 12	< 12	< 23	< 6.3
CARBON DISULFIDE	< 5	< 5.6	< 5.2	< 16	< 5.9	< 5.8	< 11	< 6.3
CARBON TETRACHLORIDE	< 5	< 5.6	< 5.2	< 16	< 5.9	< 5.8	< 11	< 6.3
CHLOROBENZENE	< 5	< 5.6	< 5.2	< 16	< 5.9	< 5.8	< 11	< 6.3
CHLOROETHANE	< 10	< 11	< 10	< 32	< 12	< 12	< 23	< 6.3
CHLOROFORM	< 5	< 5.6	< 5.2	< 16	< 5.9	< 5.8	< 11	< 6.3
CHLOROMETHANE	< 10	< 11	< 10	< 32	< 12	< 12	< 23	< 6.3
CIS-1,2-DICHLOROETHENE	< 2.5	39	< 2.6	270	6.2	< 2.9	< 5.7	< 3.2
CIS-1,3-DICHLOROPROPENE	< 5	< 5.6	< 5.2	< 16	< 5.9	< 5.8	< 11	< 6.3
CYCLOHEXANE								< 13
DIBROMOCHLOROMETHANE	< 5	< 5.6	< 5.2	< 16	< 5.9	< 5.8	< 11	< 6.3
DICHLORODIFLUOROMETHANE								< 6.3
ETHYLBENZENE	< 5	< 5.6	< 5.2	< 16	< 5.9	< 5.8	< 11	< 6.3
HEXACHLOROBUTADIENE				< 32	< 12	< 12		
ISOPROPYLBENZENE								< 6.3
METHYL ACETATE								< 13
METHYL TERT-BUTYL ETHER								< 25
METHYLCYCLOHEXANE								< 13
METHYLENE CHLORIDE	10 B u	< 5.6	< 5.2	< 16	< 5.9	< 5.8	< 11	< 6.3
NAPHTHALENE				< 32	< 12	< 12		
N-HEXANE	< 5	< 5.6	< 5.2	< 16	< 5.9	< 5.8	< 11	
STYRENE	< 5	< 5.6	< 5.2	< 16	< 5.9	< 5.8	< 11	< 6.3
TETRACHLOROETHENE	31	13	< 5.2	26	< 5.9	< 5.8	< 11	3 J
TOLUENE	< 5	< 5.6	< 5.2	< 16	< 5.9	< 5.8	< 11	< 6.3
TRANS-1,2-DICHLOROETHENE	< 2.5	< 2.8	< 2.6	< 7.9	< 2.9	< 2.9	< 5.7	< 3.2
TRANS-1,3-DICHLOROPROPENE	< 5	< 5.6	< 5.2	< 16	< 5.9	< 5.8	< 11	< 6.3
TRICHLOROETHENE	< 5	23	< 5.2	< 16	< 5.9	< 5.8	< 11	< 6.3
TRICHLOROFLUOROMETHANE								< 6.3
VINYL CHLORIDE	< 10	< 11	< 10	< 32	< 12	< 12	< 23	< 6.3
XYLENES (TOTAL)	< 5	< 11	< 10	< 16	< 5.9	< 5.8	< 23	< 6.3

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 28: Sediment VOC Analytical Data

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	SED02-02 1999-05-14 Sediment µg/kg	SED02-02 1999-12-02 Sediment µg/kg	SED02-02 2000-06-07 Sediment µg/kg	SED02-02 2000-11-02 Sediment µg/kg	SED02-02 2001-06-07 Sediment µg/kg	SED02-03 1999-05-14 Sediment µg/kg	SED02-03 1999-12-02 Sediment µg/kg	SED02-03 2000-06-07 Sediment µg/kg
1,1,1-TRICHLOROETHANE	< 5.2	< 5.3	< 16	< 6.1	< 9.2	< 4.8	< 4.7	< 9.9
1,1,2,2-TETRACHLOROETHANE	< 5.2	< 5.3	< 16	< 6.1	< 9.2	< 4.8	< 4.7	< 9.9
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE				< 6.1	< 9.2			
1,1,2-TRICHLOROETHANE	< 5.2	< 5.3	< 16	< 6.1	< 9.2	< 4.8	< 4.7	< 9.9
1,1-DICHLOROETHANE	< 5.2	< 5.3	< 16	< 6.1	< 9.2	< 4.8	< 4.7	< 9.9
1,1-DICHLOROETHENE	< 5.2	< 5.3	< 16	< 6.1	< 9.2	< 4.8	< 4.7	< 9.9
1,2,4-TRICHLOROBENZENE			< 31	< 12	< 18			< 20
1,2-DIBROMO-3-CHLOROPROPANE								
1,2-DIBROMOETHANE								
1,2-DICHLOROBENZENE			< 31	< 12	< 18			< 20
1,2-DICHLOROETHANE	< 5.2	< 5.3	< 16	< 6.1	< 9.2	< 4.8	< 4.7	< 9.9
1,2-DICHLOROETHENE (TOTAL)	5.9	< 5.3	100	< 6.1	46	17	< 4.7	< 9.9
1,2-DICHLOROPROPANE	< 5.2	< 5.3	< 16	< 6.1	< 9.2	< 4.8	< 4.7	< 9.9
1,3-DICHLOROBENZENE			< 31	< 12	< 18			< 20
1,4-DICHLOROBENZENE			< 31	< 12	< 18			< 20
2-BUTANONE	< 21	< 21	< 63	< 24	< 37	< 19	< 19	< 40
2-HEXANONE	< 21	< 21	< 63	< 24	< 37	< 19	< 19	< 40
4-METHYL-2-PENTANONE	< 21	< 21	< 63	< 24	< 37	< 19	< 19	< 40
ACETONE	< 21	< 21	< 63	< 24	< 37	< 19	< 19	63
BENZENE	< 5.2	< 5.3	< 16	< 6.1	< 9.2	< 4.8	< 4.7	< 9.9
BROMODICHLOROMETHANE	< 5.2	< 5.3	< 16	< 6.1	< 9.2	< 4.8	< 4.7	< 9.9
BROMOFORM	< 5.2	< 5.3	< 16	< 6.1	< 9.2	< 4.8	< 4.7	< 9.9
BROMOMETHANE	< 10	< 11	< 31	< 12	< 18	< 9.5	< 9.4	< 20
CARBON DISULFIDE	< 5.2	< 5.3	< 16	< 6.1	< 9.2	< 4.8	< 4.7	< 9.9
CARBON TETRACHLORIDE	< 5.2	< 5.3	< 16	< 6.1	< 9.2	< 4.8	< 4.7	< 9.9
CHLOROBENZENE	< 5.2	< 5.3	< 16	< 6.1	< 9.2	< 4.8	< 4.7	< 9.9
CHLOROETHANE	< 10	< 11	< 31	< 12	< 18	< 9.5	< 9.4	< 20
CHLOROFORM	< 5.2	< 5.3	< 16	< 6.1	< 9.2	< 4.8	< 4.7	< 9.9
CHLOROMETHANE	< 10	< 11	< 31	< 12	< 18	< 9.5	< 9.4	< 20
CIS-1,2-DICHLOROETHENE	5.9	< 2.6	100	< 3.1	46	17	< 2.4	< 4.9
CIS-1,3-DICHLOROPROPENE	< 5.2	< 5.3	< 16	< 6.1	< 9.2	< 4.8	< 4.7	< 9.9
CYCLOHEXANE								
DIBROMOCHLOROMETHANE	< 5.2	< 5.3	< 16	< 6.1	< 9.2	< 4.8	< 4.7	< 9.9
DICHLORODIFLUOROMETHANE								
ETHYLBENZENE	< 5.2	< 5.3	< 16	< 6.1	< 9.2	< 4.8	< 4.7	< 9.9
HEXACHLOROBUTADIENE			< 31	< 12	< 18			< 20
ISOPROPYLBENZENE								
METHYL ACETATE								
METHYL TERT-BUTYL ETHER								
METHYLCYCLOHEXANE								
METHYLENE CHLORIDE	< 5.2	< 5.3	< 16	< 6.1	< 9.2	< 4.8	< 4.7	< 9.9
NAPHTHALENE			< 31	< 12	< 18			< 20
N-HEXANE	< 5.2	< 5.3	< 16	< 6.1	< 9.2	< 4.8	< 4.7	< 9.9
STYRENE	< 5.2	< 5.3	< 16	< 6.1	< 9.2	< 4.8	< 4.7	< 9.9
TETRACHLOROETHENE	14	< 5.3	< 16	< 6.1	32	5.1	< 4.7	10
TOLUENE	< 5.2	< 5.3	65	< 6.1	13	< 4.8	< 4.7	< 9.9
TRANS-1,2-DICHLOROETHENE	< 2.6	< 2.6	< 7.9	< 3.1	< 4.6	< 2.4	< 2.4	< 4.9
TRANS-1,3-DICHLOROPROPENE	< 5.2	< 5.3	< 16	< 6.1	< 9.2	< 4.8	< 4.7	< 9.9
TRICHLOROETHENE	6.8	< 5.3	< 16	< 6.1	13	< 4.8	< 4.7	< 9.9
TRICHLOROFLUOROMETHANE								
VINYL CHLORIDE	< 10	< 11	32	< 12	< 18	< 9.5	< 9.4	< 20
XYLENES (TOTAL)	< 10	< 11	< 16	< 6.1	< 9.2	< 9.5	< 9.4	< 9.9

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 28: Sediment VOC Analytical Data

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	SED02-03 2000-11-02 Sediment µg/kg	SED02-03 2001-06-07 Sediment µg/kg	SED02-04 1999-05-14 Sediment µg/kg	SED02-04 1999-12-02 Sediment µg/kg	SED02-04 2000-06-07 Sediment µg/kg	SED02-04 2000-11-02 Sediment µg/kg	SED02-04 2001-06-07 Sediment µg/kg	SED02-05 1999-05-14 Sediment µg/kg
1,1,1-TRICHLOROETHANE	< 6.3	< 11	< 9	< 6.6	< 13	< 11	< 7.6	< 5.4
1,1,2,2-TETRACHLOROETHANE	< 6.3	< 11	< 9	< 6.6	< 13	< 11	< 7.6	< 5.4
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 6.3	< 11				< 11	< 7.6	
1,1,2-TRICHLOROETHANE	< 6.3	< 11	< 9	< 6.6	< 13	< 11	< 7.6	< 5.4
1,1-DICHLOROETHANE	< 6.3	< 11	< 9	< 6.6	< 13	< 11	< 7.6	< 5.4
1,1-DICHLOROETHENE	< 6.3	< 11	< 9	< 6.6	< 13	< 11	< 7.6	< 5.4
1,2,4-TRICHLOROBENZENE	< 13	< 22			< 27	< 22	< 15	
1,2-DIBROMO-3-CHLOROPROPANE								
1,2-DIBROMOETHANE								
1,2-DICHLOROBENZENE	< 13	< 22			< 27	< 22	< 15	
1,2-DICHLOROETHANE	< 6.3	< 11	< 9	< 6.6	< 13	< 11	< 7.6	< 5.4
1,2-DICHLOROETHENE (TOTAL)	< 6.3	81	< 9	< 6.6	43	< 11	< 7.6	< 5.4
1,2-DICHLOROPROPANE	< 6.3	< 11	< 9	< 6.6	< 13	< 11	< 7.6	< 5.4
1,3-DICHLOROBENZENE	< 13	< 22			< 27	< 22	< 15	
1,4-DICHLOROBENZENE	< 13	< 22			< 27	< 22	< 15	
2-BUTANONE	< 25	< 44	< 36	< 27	< 53	< 43	< 30	< 22
2-HEXANONE	< 25	< 44	< 36	< 27	< 53	< 43	< 30	< 22
4-METHYL-2-PENTANONE	< 25	< 44	< 36	< 27	< 53	< 43	< 30	< 22
ACETONE	< 25	< 44	< 36	< 27	< 53	< 43	< 30	< 22
BENZENE	< 6.3	< 11	< 9	< 6.6	< 13	< 11	< 7.6	< 5.4
BROMODICHLOROMETHANE	< 6.3	< 11	< 9	< 6.6	< 13	< 11	< 7.6	< 5.4
BROMOFORM	< 6.3	< 11	< 9	< 6.6	< 13	< 11	< 7.6	< 5.4
BROMOMETHANE	< 13	< 22	< 18	< 13	< 27	< 22	< 15	< 11
CARBON DISULFIDE	< 6.3	< 11	< 9	< 6.6	< 13	< 11	< 7.6	< 5.4
CARBON TETRACHLORIDE	< 6.3	< 11	< 9	< 6.6	< 13	< 11	< 7.6	< 5.4
CHLOROBENZENE	< 6.3	< 11	< 9	< 6.6	< 13	< 11	< 7.6	< 5.4
CHLOROETHANE	< 13	< 22	< 18	< 13	< 27	< 22	< 15	< 11
CHLOROFORM	< 6.3	< 11	< 9	< 6.6	< 13	< 11	< 7.6	< 5.4
CHLOROMETHANE	< 13	< 22	< 18	< 13	< 27	< 22	< 15	< 11
CIS-1,2-DICHLOROETHENE	< 3.1	79	5	< 3.3	43	< 5.4	< 3.8	< 2.7
CIS-1,3-DICHLOROPROPENE	< 6.3	< 11	< 9	< 6.6	< 13	< 11	< 7.6	< 5.4
CYCLOHEXANE								
DIBROMOCHLOROMETHANE	< 6.3	< 11	< 9	< 6.6	< 13	< 11	< 7.6	< 5.4
DICHLORODIFLUOROMETHANE								
ETHYLBENZENE	< 6.3	< 11	< 9	< 6.6	< 13	< 11	< 7.6	< 5.4
HEXACHLOROBUTADIENE	< 13	< 22			< 27	< 22	< 15	
ISOPROPYLBENZENE								
METHYL ACETATE								
METHYL TERT-BUTYL ETHER								
METHYLCYCLOHEXANE								
METHYLENE CHLORIDE	< 6.3	< 11	< 9	< 6.6	< 13	< 11	< 7.6	< 5.4
NAPHTHALENE	< 13	< 22			< 27	< 22	< 15	
N-HEXANE	< 6.3	< 11	< 9	< 6.6	< 13	< 11	< 7.6	< 5.4
STYRENE	< 6.3	< 11	< 9	< 6.6	< 13	< 11	< 7.6	< 5.4
TETRACHLOROETHENE	< 6.3	15	< 9	< 6.6	20	< 11	25	9.3
TOLUENE	< 6.3	< 11	< 9	< 6.6	< 13	< 11	< 7.6	< 5.4
TRANS-1,2-DICHLOROETHENE	< 3.1	< 5.5	< 4.5	< 3.3	< 6.7	< 5.4	< 3.8	< 2.7
TRANS-1,3-DICHLOROPROPENE	< 6.3	< 11	< 9	< 6.6	< 13	< 11	< 7.6	< 5.4
TRICHLOROETHENE	< 6.3	< 11	< 9	< 6.6	< 13	< 11	< 7.6	< 5.4
TRICHLOROFLUOROMETHANE								
VINYL CHLORIDE	< 13	< 22	< 18	< 13	< 27	< 22	< 15	< 11
XYLENES (TOTAL)	< 6.3	< 11	< 18	< 13	< 13	< 11	< 7.6	< 11

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 28: Sediment VOC Analytical Data

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	SED02-05 1999-12-02 Sediment µg/kg	SED02-05 2000-06-07 Sediment µg/kg	SED02-05 2000-11-02 Sediment µg/kg	SED02-05 2001-06-07 Sediment µg/kg	SED02-05 2001-11-19 Sediment µg/kg	SED02-06 1999-05-14 Sediment µg/kg	SED02-06 1999-12-02 Sediment µg/kg	SED02-06 2000-06-07 Sediment µg/kg
1,1,1-TRICHLOROETHANE	< 5.8	< 10	< 6.6	< 8.6	< 7	< 4.7	< 5	< 11
1,1,2,2-TETRACHLOROETHANE	< 5.8	< 10	< 6.6	< 8.6	< 7	< 4.7	< 5	< 11
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE			< 6.6	< 8.6	< 7			
1,1,2-TRICHLOROETHANE	< 5.8	< 10	< 6.6	< 8.6	< 7	< 4.7	< 5	< 11
1,1-DICHLOROETHANE	< 5.8	< 10	< 6.6	< 8.6	< 7	< 4.7	< 5	< 11
1,1-DICHLOROETHENE	< 5.8	< 10	< 6.6	< 8.6	< 7	< 4.7	< 5	< 11
1,2,4-TRICHLOROBENZENE		< 21	< 13	< 17				< 23
1,2-DIBROMO-3-CHLOROPROPANE								
1,2-DIBROMOETHANE								
1,2-DICHLOROBENZENE		< 21	< 13	< 17				< 23
1,2-DICHLOROETHANE	< 5.8	< 10	< 6.6	< 8.6	< 7	< 4.7	< 5	< 11
1,2-DICHLOROETHENE (TOTAL)	< 5.8	11	< 6.6	< 8.6	< 7	< 4.7	< 5	< 11
1,2-DICHLOROPROPANE	< 5.8	< 10	< 6.6	< 8.6	< 7	< 4.7	< 5	< 11
1,3-DICHLOROBENZENE		< 21	< 13	< 17				< 23
1,4-DICHLOROBENZENE		< 21	< 13	< 17				< 23
2-BUTANONE	< 23	< 42	< 26	< 35	< 28	< 19	< 20	< 45
2-HEXANONE	< 23	< 42	< 26	< 35	< 28	< 19	< 20	< 45
4-METHYL-2-PENTANONE	< 23	< 42	< 26	< 35	< 28	< 19	< 20	< 45
ACETONE	< 23	< 42	< 26	< 35	< 28	< 19	< 20	< 45
BENZENE	< 5.8	< 10	< 6.6	< 8.6	< 7	< 4.7	< 5	< 11
BROMODICHLOROMETHANE	< 5.8	< 10	< 6.6	< 8.6	< 7	< 4.7	< 5	< 11
BROMOFORM	< 5.8	< 10	< 6.6	< 8.6	< 7	< 4.7	< 5	< 11
BROMOMETHANE	< 12	< 21	< 13	< 17	< 14	< 9.4	< 10	< 23
CARBON DISULFIDE	< 5.8	< 10	< 6.6	< 8.6	< 7	< 4.7	< 5	< 11
CARBON TETRACHLORIDE	< 5.8	< 10	< 6.6	< 8.6	< 7	< 4.7	< 5	< 11
CHLOROBENZENE	< 5.8	< 10	< 6.6	< 8.6	< 7	< 4.7	< 5	< 11
CHLOROETHANE	< 12	< 21	< 13	< 17	< 14	< 9.4	< 10	< 23
CHLOROFORM	< 5.8	< 10	< 6.6	< 8.6	< 7	< 4.7	< 5	< 11
CHLOROMETHANE	< 12	< 21	< 13	< 17	< 14	< 9.4	< 10	< 23
CIS-1,2-DICHLOROETHENE	< 2.9	11	< 3.3	8.4	< 3.5	< 2.4	< 2.5	< 5.7
CIS-1,3-DICHLOROPROPENE	< 5.8	< 10	< 6.6	< 8.6	< 7	< 4.7	< 5	< 11
CYCLOHEXANE								
DIBROMOCHLOROMETHANE	< 5.8	< 10	< 6.6	< 8.6	< 7	< 4.7	< 5	< 11
DICHLORODIFLUOROMETHANE								
ETHYLBENZENE	< 5.8	< 10	< 6.6	< 8.6	< 7	< 4.7	< 5	< 11
HEXACHLOROBUTADIENE		< 21	< 13	< 17				< 23
ISOPROPYLBENZENE								
METHYL ACETATE								
METHYL TERT-BUTYL ETHER								
METHYLCYCLOHEXANE								
METHYLENE CHLORIDE	< 5.8	< 10	< 6.6	< 8.6	< 7	< 4.7	< 5	< 11
NAPHTHALENE		< 21	< 13	< 17				< 23
N-HEXANE	< 5.8	< 10	< 6.6	< 8.6	< 7	< 4.7	< 5	< 11
STYRENE	< 5.8	< 10	< 6.6	< 8.6	< 7	< 4.7	< 5	< 11
TETRACHLOROETHENE	< 5.8	66	< 6.6	22	7.9	< 4.7	< 5	< 11
TOLUENE	< 5.8	< 10	< 6.6	< 8.6	< 7	< 4.7	< 5	< 11
TRANS-1,2-DICHLOROETHENE	< 2.9	< 5.2	< 3.3	< 4.3	< 3.5	< 2.4	< 2.5	< 5.7
TRANS-1,3-DICHLOROPROPENE	< 5.8	< 10	< 6.6	< 8.6	< 7	< 4.7	< 5	< 11
TRICHLOROETHENE	< 5.8	< 10	< 6.6	< 8.6	< 7	< 4.7	< 5	< 11
TRICHLOROFLUOROMETHANE								
VINYL CHLORIDE	< 12	< 21	< 13	< 17	< 14	< 9.4	< 10	< 23
XYLENES (TOTAL)	< 12	< 10	< 6.6	< 8.6	< 14	< 9.4	< 10	< 11

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 28: Sediment VOC Analytical Data

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	SED02-06 2000-11-02 Sediment µg/kg	SED02-06 2001-06-07 Sediment µg/kg
1,1,1-TRICHLOROETHANE	< 6	< 5.9
1,1,2,2-TETRACHLOROETHANE	< 6	< 5.9
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 6	< 5.9
1,1,2-TRICHLOROETHANE	< 6	< 5.9
1,1-DICHLOROETHANE	< 6	< 5.9
1,1-DICHLOROETHENE	< 6	< 5.9
1,2,4-TRICHLOROBENZENE	< 12	< 12
1,2-DIBROMO-3-CHLOROPROPANE		
1,2-DIBROMOETHANE		
1,2-DICHLOROBENZENE	< 12	< 12
1,2-DICHLOROETHANE	< 6	< 5.9
1,2-DICHLOROETHENE (TOTAL)	< 6	< 5.9
1,2-DICHLOROPROPANE	< 6	< 5.9
1,3-DICHLOROBENZENE	< 12	< 12
1,4-DICHLOROBENZENE	< 12	< 12
2-BUTANONE	< 24	< 24
2-HEXANONE	< 24	< 24
4-METHYL-2-PENTANONE	< 24	< 24
ACETONE	< 24	< 24
BENZENE	< 6	< 5.9
BROMODICHLOROMETHANE	< 6	< 5.9
BROMOFORM	< 6	< 5.9
BROMOMETHANE	< 12	< 12
CARBON DISULFIDE	< 6	< 5.9
CARBON TETRACHLORIDE	< 6	< 5.9
CHLOROBENZENE	< 6	< 5.9
CHLOROETHANE	< 12	< 12
CHLOROFORM	< 6	< 5.9
CHLOROMETHANE	< 12	< 12
CIS-1,2-DICHLOROETHENE	< 3	< 3
CIS-1,3-DICHLOROPROPENE	< 6	< 5.9
CYCLOHEXANE		
DIBROMOCHLOROMETHANE	< 6	< 5.9
DICHLORODIFLUOROMETHANE		
ETHYLBENZENE	< 6	< 5.9
HEXACHLOROBUTADIENE	< 12	< 12
ISOPROPYLBENZENE		
METHYL ACETATE		
METHYL TERT-BUTYL ETHER		
METHYLCYCLOHEXANE		
METHYLENE CHLORIDE	< 6	< 5.9
NAPHTHALENE	< 12	< 12
N-HEXANE	< 6	< 5.9
STYRENE	< 6	< 5.9
TETRACHLOROETHENE	< 6	< 5.9
TOLUENE	< 6	< 5.9
TRANS-1,2-DICHLOROETHENE	< 3	< 3
TRANS-1,3-DICHLOROPROPENE	< 6	< 5.9
TRICHLOROETHENE	< 6	< 5.9
TRICHLOROFLUOROMETHANE		
VINYL CHLORIDE	< 12	< 12
XYLENES (TOTAL)	< 6	< 5.9

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-017 / 00-02 CONF 2004-01-29 Soil SW5035 µg/kg	GP01-017 / 00-02 1998-12-14 Soil SW5030 µg/kg	GP01-017 / 03-04 CONF 2004-01-29 Soil SW5035 µg/kg	GP01-017 / 04-06 CONF 2004-01-29 Soil SW5035 µg/kg	GP01-017 / 04-06 1998-12-14 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 11	< 5	< 360	< 510	< 620
1,1,2,2-TETRACHLOROETHANE	< 11	< 5	< 360	< 510	< 620
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 11		< 360	600	
1,1,2-TRICHLOROETHANE	< 11	< 5	< 360	< 510	< 620
1,1-DICHLOROETHANE	< 11	< 5	< 360	< 510	< 620
1,1-DICHLOROETHENE	< 11	< 5	< 360	< 510	< 620
1,2,4-TRICHLOROBENZENE	< 11		< 360	< 510	
1,2-DIBROMO-3-CHLOROPROPANE	< 21		< 720	< 1000	
1,2-DIBROMOETHANE	< 11		< 360	< 510	
1,2-DICHLOROBENZENE	< 11		< 360	< 510	
1,2-DICHLOROETHANE	< 11	< 5	< 360	< 510	< 620
1,2-DICHLOROETHENE (TOTAL)		< 5			3600
1,2-DICHLOROPROPANE	< 11	< 5	< 360	< 510	< 620
1,3-DICHLOROBENZENE	< 11		< 360	< 510	
1,4-DICHLOROBENZENE	< 11		< 360	< 510	
2-BUTANONE	< 42	< 20	< 1400	< 2000	< 2500
2-HEXANONE	< 42	< 20	< 1400	< 2000	< 2500
4-METHYL-2-PENTANONE	2.7 J	< 20	< 1400	< 2000	< 2500
ACETONE	45	< 20	< 1400	< 2000	< 2500
BENZENE	< 11	< 5	< 360	< 510	< 620
BROMODICHLOROMETHANE	< 11	< 5	< 360	< 510	< 620
BROMOFORM	< 11	< 5	< 360	< 510	< 620
BROMOMETHANE	< 11	< 10	< 360	< 510	< 1200
CARBON DISULFIDE	< 11	< 5	< 360	< 510	< 620
CARBON TETRACHLORIDE	< 11	< 5	< 360	< 510	< 620
CHLOROBENZENE	< 11	< 5	< 360	< 510	< 620
CHLOROETHANE	< 11	< 10	< 360	< 510	< 1200
CHLOROFORM	< 11	< 5	< 360	< 510	< 620
CHLOROMETHANE	< 11	< 10	< 360	< 510	< 1200
CIS-1,2-DICHLOROETHENE	15	< 2.5	320	4800	3600
CIS-1,3-DICHLOROPROPENE	< 11	< 5	< 360	< 510	< 620
CYCLOHEXANE	< 21		< 720	< 1000	
DIBROMOCHLOROMETHANE	< 11	< 5	< 360	< 510	< 620
DICHLORODIFLUOROMETHANE	< 11		< 360	< 510	
ETHYLBENZENE	< 11	< 5	< 360	< 510	< 620
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE	< 11		< 360	< 510	
METHYL ACETATE	4.1 J B u		170 J B u	180 J B u	
METHYL TERT-BUTYL ETHER	< 42		< 1400	< 2000	
METHYLCYCLOHEXANE	< 21		< 720	< 1000	
METHYLENE CHLORIDE	< 11	< 5	530 B u	690 B u	< 620
NAPHTHALENE					
N-HEXANE		< 5			< 620
STYRENE	< 11	< 5	< 360	< 510	< 620
TETRACHLOROETHENE	3.5 J	< 5	< 360	1900	18000
TOLUENE	1.5 J	< 5	< 360	< 510	< 620
TRANS-1,2-DICHLOROETHENE	< 5.3		< 180	95 J	
TRANS-1,2-DICHLOROETHYLENE		< 2.5			< 310
TRANS-1,3-DICHLOROPROPENE	< 11	< 5	< 360	< 510	< 620
TRICHLOROETHENE	2.3 J	< 5	< 360	280 J	4100
TRICHLOROFLUOROMETHANE	< 11		< 360	< 510	
VINYL CHLORIDE	< 11	< 10	< 360	< 510	< 1200
XYLENES (TOTAL)	< 11	< 5	< 360	< 510	< 620

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-017 / 06-08 2004-01-29 Soil SW5035 µg/kg	GP01-017 / 08-10 CONF 2004-01-29 Soil SW5035 µg/kg	GP01-017 / 08-10 1998-12-14 Soil SW5030 µg/kg	GP01-017 / 16-17_5 2004-01-29 Soil SW5035 µg/kg	GP01-018 / 02_5-03 1998-12-14 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 300	< 1500	< 1600	< 8.5	< 5
1,1,2,2-TETRACHLOROETHANE	< 300	< 1500	< 1600	< 8.5	< 5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	310	2800		< 8.5	
1,1,2-TRICHLOROETHANE	< 300	< 1500	< 1600	< 8.5	< 5
1,1-DICHLOROETHANE	< 300	< 1500	< 1600	< 8.5	< 5
1,1-DICHLOROETHENE	< 300	< 1500	< 1600	< 8.5	< 5
1,2,4-TRICHLOROBENZENE	< 300	< 1500		< 8.5	
1,2-DIBROMO-3-CHLOROPROPANE	< 610	< 3100		< 17	
1,2-DIBROMOETHANE	< 300	< 1500		< 8.5	
1,2-DICHLOROBENZENE	< 300	< 1500		< 8.5	
1,2-DICHLOROETHANE	< 300	< 1500	< 1600	< 8.5	< 5
1,2-DICHLOROETHENE (TOTAL)			8300		< 5
1,2-DICHLOROPROPANE	< 300	< 1500	< 1600	< 8.5	< 5
1,3-DICHLOROBENZENE	< 300	< 1500		< 8.5	
1,4-DICHLOROBENZENE	< 300	< 1500		< 8.5	
2-BUTANONE	< 1200	< 6200	< 6200	3.6 J	< 20
2-HEXANONE	< 1200	< 6200	< 6200	< 34	< 20
4-METHYL-2-PENTANONE	< 1200	< 6200	< 6200	< 34	< 20
ACETONE	< 1200	< 6200	< 6200	42	< 20
BENZENE	< 300	< 1500	< 1600	< 8.5	< 5
BROMODICHLOROMETHANE	< 300	< 1500	< 1600	< 8.5	< 5
BROMOFORM	< 300	< 1500	< 1600	< 8.5	< 5
BROMOMETHANE	< 300	< 1500	< 3100	< 8.5	< 10
CARBON DISULFIDE	< 300	< 1500	< 1600	< 8.5	< 5
CARBON TETRACHLORIDE	< 300	< 1500	< 1600	< 8.5	< 5
CHLOROBENZENE	< 300	< 1500	< 1600	< 8.5	< 5
CHLOROETHANE	< 300	< 1500	< 3100	< 8.5	< 10
CHLOROFORM	< 300	< 1500	< 1600	< 8.5	< 5
CHLOROMETHANE	< 300	< 1500	< 3100	< 8.5	< 10
CIS-1,2-DICHLOROETHENE	6500	7800	8300	35	< 2.5
CIS-1,3-DICHLOROPROPENE	< 300	< 1500	< 1600	< 8.5	< 5
CYCLOHEXANE	< 610	< 3100		< 17	
DIBROMOCHLOROMETHANE	< 300	< 1500	< 1600	< 8.5	< 5
DICHLORODIFLUOROMETHANE	< 300	< 1500		< 8.5	
ETHYLBENZENE	< 300	< 1500	< 1600	< 8.5	< 5
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE	< 300	< 1500		< 8.5	
METHYL ACETATE	88 J B u	490 J B u		3.8 J B u	
METHYL TERT-BUTYL ETHER	< 1200	< 6200		< 34	
METHYLCYCLOHEXANE	< 610	< 3100		< 17	
METHYLENE CHLORIDE	390 B u	1600 B u	< 1600	4.5 J B u	< 5
NAPHTHALENE					
N-HEXANE			< 1600		< 5
STYRENE	< 300	< 1500	< 1600	< 8.5	< 5
TETRACHLOROETHENE	2600	40000	56000	0.83 J	97
TOLUENE	< 300	< 1500	< 1600	1.9 J	< 5
TRANS-1,2-DICHLOROETHENE	110 J	< 770		< 4.3	
TRANS-1,2-DICHLOROETHYLENE			< 780		< 2.5
TRANS-1,3-DICHLOROPROPENE	< 300	< 1500	< 1600	< 8.5	< 5
TRICHLOROETHENE	510	7000	5800	1.2 J	< 5
TRICHLOROFLUOROMETHANE	< 300	< 1500		< 8.5	
VINYL CHLORIDE	92 J	< 1500	< 3100	1.4 J	< 10
XYLENES (TOTAL)	< 300	< 1500	< 1600	< 8.5	< 5

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-018 / 04-06 1998-12-14 Soil SW5030 µg/kg	GP01-018 / 08-10 1998-12-14 Soil SW5030 µg/kg	GP01-019 / 02_5-03_5 CONF 2004-01-29 Soil SW5035 µg/kg	GP01-019 / 02_6-03_5 1998-12-14 Soil SW5030 µg/kg	GP01-019 / 04-06 CONF 2004-01-29 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 5	< 7.1	< 7.5	< 5	< 310
1,1,2,2-TETRACHLOROETHANE	< 5	< 7.1	< 7.5	< 5	< 310
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE			42		230 J
1,1,2-TRICHLOROETHANE	< 5	< 7.1	< 7.5	< 5	< 310
1,1-DICHLOROETHANE	< 5	< 7.1	< 7.5	< 5	< 310
1,1-DICHLOROETHENE	< 5	< 7.1	< 7.5	< 5	< 310
1,2,4-TRICHLOROBENZENE			< 7.5		< 310
1,2-DIBROMO-3-CHLOROPROPANE			< 15		< 620
1,2-DIBROMOETHANE			< 7.5		< 310
1,2-DICHLOROBENZENE			< 7.5		< 310
1,2-DICHLOROETHANE	< 5	< 7.1	< 7.5	< 5	< 310
1,2-DICHLOROETHENE (TOTAL)	< 5	180		5.6	
1,2-DICHLOROPROPANE	< 5	< 7.1	< 7.5	< 5	< 310
1,3-DICHLOROBENZENE			< 7.5		< 310
1,4-DICHLOROBENZENE			< 7.5		< 310
2-BUTANONE	< 20	< 28	< 30	< 20	< 1200
2-HEXANONE	< 20	< 28	< 30	< 20	< 1200
4-METHYL-2-PENTANONE	< 20	< 28	< 30	< 20	< 1200
ACETONE	< 20	< 28	87	< 20	< 1200
BENZENE	< 5	< 7.1	< 7.5	< 5	< 310
BROMODICHLOROMETHANE	< 5	< 7.1	< 7.5	< 5	< 310
BROMOFORM	< 5	< 7.1	< 7.5	< 5	< 310
BROMOMETHANE	< 10	< 14	< 7.5	< 10	< 310
CARBON DISULFIDE	< 5	< 7.1	< 7.5	< 5	< 310
CARBON TETRACHLORIDE	< 5	< 7.1	< 7.5	< 5	< 310
CHLOROBENZENE	< 5	< 7.1	< 7.5	< 5	< 310
CHLOROETHANE	< 10	< 14	< 7.5	< 10	< 310
CHLOROFORM	< 5	< 7.1	< 7.5	< 5	< 310
CHLOROMETHANE	< 10	< 14	< 7.5	< 10	< 310
CIS-1,2-DICHLOROETHENE	< 2.5	180	26	5.6	64 J
CIS-1,3-DICHLOROPROPENE	< 5	< 7.1	< 7.5	< 5	< 310
CYCLOHEXANE			< 15		< 620
DIBROMOCHLOROMETHANE	< 5	< 7.1	< 7.5	< 5	< 310
DICHLORODIFLUOROMETHANE			< 7.5		< 310
ETHYLBENZENE	< 5	< 7.1	< 7.5	< 5	< 310
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE			< 7.5		< 310
METHYL ACETATE			3.3 J B u		85 J B u
METHYL TERT-BUTYL ETHER			< 30		< 1200
METHYLCYCLOHEXANE			< 15		< 620
METHYLENE CHLORIDE	< 5	< 7.1	< 7.5	< 5	480 B u
NAPHTHALENE					
N-HEXANE	< 5	< 7.1		< 5	
STYRENE	< 5	< 7.1	< 7.5	< 5	< 310
TETRACHLOROETHENE	68	130	210	68	850
TOLUENE	< 5	< 7.1	< 7.5	< 5	< 310
TRANS-1,2-DICHLOROETHENE			< 3.7		< 150
TRANS-1,2-DICHLOROETHYLENE	< 2.5	3.8		< 2.5	
TRANS-1,3-DICHLOROPROPENE	< 5	< 7.1	< 7.5	< 5	< 310
TRICHLOROETHENE	< 5	260	15	< 5	43 J
TRICHLOROFLUOROMETHANE			< 7.5		< 310
VINYL CHLORIDE	< 10	< 14	< 7.5	< 10	< 310
XYLENES (TOTAL)	< 5	< 7.1	< 7.5	< 5	< 310

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-019 / 04-06 1998-12-14 Soil SW5030 µg/kg	GP01-019 / 10-12 CONF 2004-01-29 Soil SW5035 µg/kg	GP01-019 / 10-12 1998-12-14 Soil SW5030 µg/kg	GP01-019 / 12-13_5 2004-01-29 Soil SW5035 µg/kg	GP01-019 / 13_5-15_5 2004-01-29 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 10	< 27000	< 12000	< 56000	< 290
1,1,2,2-TETRACHLOROETHANE	< 10	< 27000	< 12000	< 56000	< 290
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE		230000		1200000	11000
1,1,2-TRICHLOROETHANE	< 10	< 27000	< 12000	< 56000	< 290
1,1-DICHLOROETHANE	< 10	< 27000	< 12000	< 56000	55 J
1,1-DICHLOROETHENE	< 10	< 27000	< 12000	< 56000	< 290
1,2,4-TRICHLOROBENZENE		< 27000		< 56000	< 290
1,2-DIBROMO-3-CHLOROPROPANE		< 53000		< 110000	< 580
1,2-DIBROMOETHANE		< 27000		< 56000	< 290
1,2-DICHLOROBENZENE		< 27000		< 56000	< 290
1,2-DICHLOROETHANE	< 10	< 27000	< 12000	< 56000	< 290
1,2-DICHLOROETHENE (TOTAL)	< 10		< 12000		
1,2-DICHLOROPROPANE	< 10	< 27000	< 12000	< 56000	< 290
1,3-DICHLOROBENZENE		< 27000		< 56000	< 290
1,4-DICHLOROBENZENE		< 27000		< 56000	< 290
2-BUTANONE	< 40	< 110000	< 50000	< 230000	< 1200
2-HEXANONE	< 40	< 110000	< 50000	< 230000	< 1200
4-METHYL-2-PENTANONE	< 40	< 110000	< 50000	< 230000	< 1200
ACETONE	< 40	< 110000	< 50000	< 230000	< 1200
BENZENE	< 10	< 27000	< 12000	< 56000	< 290
BROMODICHLOROMETHANE	< 10	< 27000	< 12000	< 56000	< 290
BROMOFORM	< 10	< 27000	< 12000	< 56000	< 290
BROMOMETHANE	< 20	< 27000	< 25000	< 56000	< 290
CARBON DISULFIDE	< 10	< 27000	< 12000	< 56000	< 290
CARBON TETRACHLORIDE	< 10	< 27000	< 12000	< 56000	< 290
CHLOROBENZENE	< 10	< 27000	< 12000	< 56000	< 290
CHLOROETHANE	< 20	< 27000	< 25000	< 56000	< 290
CHLOROFORM	< 10	< 27000	< 12000	< 56000	< 290
CHLOROMETHANE	< 20	< 27000	< 25000	< 56000	< 290
CIS-1,2-DICHLOROETHENE	< 5	< 13000	< 6200	< 28000	< 140
CIS-1,3-DICHLOROPROPENE	< 10	< 27000	< 12000	< 56000	< 290
CYCLOHEXANE		< 53000		< 110000	< 580
DIBROMOCHLOROMETHANE	< 10	< 27000	< 12000	< 56000	< 290
DICHLORODIFLUOROMETHANE		< 27000		< 56000	150 J
ETHYLBENZENE	< 10	< 27000	< 12000	< 56000	< 290
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE		< 27000		< 56000	< 290
METHYL ACETATE		8300 J B u		15000 J B u	80 J B u
METHYL TERT-BUTYL ETHER		< 110000		< 230000	< 1200
METHYLCYCLOHEXANE		< 53000		< 110000	< 580
METHYLENE CHLORIDE	< 10	< 27000	< 12000	< 56000	320 B u
NAPHTHALENE					
N-HEXANE	< 10		< 12000		
STYRENE	< 10	< 27000	< 12000	< 56000	< 290
TETRACHLOROETHENE	370	520000	390000	500000	2500
TOLUENE	< 10	< 27000	< 12000	< 56000	< 290
TRANS-1,2-DICHLOROETHENE		< 13000		< 28000	< 140
TRANS-1,2-DICHLOROETHYLENE	< 5		< 6200		
TRANS-1,3-DICHLOROPROPENE	< 10	< 27000	< 12000	< 56000	< 290
TRICHLOROETHENE	< 10	< 27000	< 12000	< 56000	< 290
TRICHLOROFLUOROMETHANE		< 27000		< 56000	< 290
VINYL CHLORIDE	< 20	< 27000	< 25000	< 56000	< 290
XYLENES (TOTAL)	< 10	< 27000	< 12000	< 56000	< 290

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-020 / 02-03 CONF 2004-02-02 Soil SW5035 µg/kg	GP01-020 / 02-03 1998-12-14 Soil SW5030 µg/kg	GP01-020 / 04-06 CONF 2004-02-02 Soil SW5035 µg/kg	GP01-020 / 04-06 1998-12-14 Soil SW5030 µg/kg	GP01-020 / 06-08 CONF 2004-02-02 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 6.7	< 620	< 9.9	< 620	< 15
1,1,2,2-TETRACHLOROETHANE	< 6.7	< 620	< 9.9	< 620	< 15
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 6.7		1.6 J		6.8 J
1,1,2-TRICHLOROETHANE	< 6.7	< 620	< 9.9	< 620	< 15
1,1-DICHLOROETHANE	< 6.7	< 620	< 9.9	< 620	< 15
1,1-DICHLOROETHENE	< 6.7	< 620	< 9.9	< 620	< 15
1,2,4-TRICHLOROBENZENE	< 6.7		< 9.9		< 15
1,2-DIBROMO-3-CHLOROPROPANE	< 13		< 20		< 31
1,2-DIBROMOETHANE	< 6.7		< 9.9		< 15
1,2-DICHLOROBENZENE	< 6.7		< 9.9		< 15
1,2-DICHLOROETHANE	< 6.7	< 620	< 9.9	< 620	< 15
1,2-DICHLOROETHENE (TOTAL)		< 620		2900	
1,2-DICHLOROPROPANE	< 6.7	< 620	< 9.9	< 620	< 15
1,3-DICHLOROBENZENE	< 6.7		< 9.9		< 15
1,4-DICHLOROBENZENE	< 6.7		< 9.9		< 15
2-BUTANONE	3.1 J	< 2500	2.8 J	< 2500	6.6 J
2-HEXANONE	< 27	< 2500	< 39	< 2500	< 62
4-METHYL-2-PENTANONE	< 27	< 2500	< 39	< 2500	< 62
ACETONE	15 J	< 2500	19 J	< 2500	38 J
BENZENE	0.68 J	< 620	< 9.9	< 620	1.5 J
BROMODICHLOROMETHANE	< 6.7	< 620	< 9.9	< 620	< 15
BROMOFORM	< 6.7	< 620	< 9.9	< 620	< 15
BROMOMETHANE	< 6.7	< 1200	< 9.9	< 1200	< 15
CARBON DISULFIDE	< 6.7	< 620	< 9.9	< 620	< 15
CARBON TETRACHLORIDE	< 6.7	< 620	< 9.9	< 620	< 15
CHLOROBENZENE	< 6.7	< 620	< 9.9	< 620	< 15
CHLOROETHANE	< 6.7	< 1200	< 9.9	< 1200	< 15
CHLOROFORM	< 6.7	< 620	< 9.9	< 620	< 15
CHLOROMETHANE	< 6.7	< 1200	< 9.9	< 1200	< 15
CIS-1,2-DICHLOROETHENE	< 3.3	< 310	13	2900	83
CIS-1,3-DICHLOROPROPENE	< 6.7	< 620	< 9.9	< 620	< 15
CYCLOHEXANE	0.77 J		< 20		< 31
DIBROMOCHLOROMETHANE	< 6.7	< 620	< 9.9	< 620	< 15
DICHLORODIFLUOROMETHANE	< 6.7		< 9.9		< 15
ETHYLBENZENE	< 6.7	< 620	< 9.9	< 620	< 15
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE	< 6.7		< 9.9		< 15
METHYL ACETATE	< 13		< 20		< 31
METHYL TERT-BUTYL ETHER	< 27		< 39		< 62
METHYLCYCLOHEXANE	1.1 J		< 20		< 31
METHYLENE CHLORIDE	4 J B u	< 620	5.9 J B u	< 620	7.7 J B u
NAPHTHALENE					
N-HEXANE		< 620		< 620	
STYRENE	< 6.7	< 620	< 9.9	< 620	< 15
TETRACHLOROETHENE	0.65 J	16000	1.3 J	< 620	5 J
TOLUENE	1.7 J	< 620	< 9.9	< 620	< 15
TRANS-1,2-DICHLOROETHENE	< 3.3		< 4.9		< 7.7
TRANS-1,2-DICHLOROETHYLENE		< 310		< 310	
TRANS-1,3-DICHLOROPROPENE	< 6.7	< 620	< 9.9	< 620	< 15
TRICHLOROETHENE	< 6.7	< 620	1.1 J	< 620	4.8 J
TRICHLOROFLUOROMETHANE	< 6.7		< 9.9		< 15
VINYL CHLORIDE	< 6.7	< 1200	8.5 J	< 1200	40
XYLENES (TOTAL)	< 6.7	< 620	< 9.9	< 620	< 15

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-020 / 06-08 1998-12-14 Soil SW5030 µg/kg	GP01-020 / 08-10 CONF 2004-02-02 Soil SW5035 µg/kg	GP01-020 / 08-10 1998-12-14 Soil SW5030 µg/kg	GP01-020 / 10-12 2004-02-02 Soil SW5035 µg/kg	GP01-020 / 13-15 2004-02-02 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 620	< 5.4	< 620	< 250	< 5.4
1,1,2,2-TETRACHLOROETHANE	< 620	< 5.4	< 620	< 250	< 5.4
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE		24		< 250	< 5.4
1,1,2-TRICHLOROETHANE	< 620	< 5.4	< 620	< 250	< 5.4
1,1-DICHLOROETHANE	< 620	1.5 J	< 620	< 250	< 5.4
1,1-DICHLOROETHENE	< 620	< 5.4	< 620	< 250	< 5.4
1,2,4-TRICHLOROBENZENE		< 5.4		< 250	< 5.4
1,2-DIBROMO-3-CHLOROPROPANE		< 11		< 490	< 11
1,2-DIBROMOETHANE		< 5.4		< 250	< 5.4
1,2-DICHLOROBENZENE		< 5.4		< 250	< 5.4
1,2-DICHLOROETHANE	< 620	< 5.4	< 620	< 250	< 5.4
1,2-DICHLOROETHENE (TOTAL)	5600		3700		
1,2-DICHLOROPROPANE	< 620	1.7 J	< 620	< 250	< 5.4
1,3-DICHLOROBENZENE		< 5.4		< 250	< 5.4
1,4-DICHLOROBENZENE		< 5.4		< 250	< 5.4
2-BUTANONE	< 2500	< 22	< 2500	< 990	< 22
2-HEXANONE	< 2500	< 22	< 2500	< 990	< 22
4-METHYL-2-PENTANONE	< 2500	< 22	< 2500	< 990	< 22
ACETONE	< 2500	< 22	< 2500	< 990	11 J
BENZENE	< 620	2.4 J	< 620	< 250	< 5.4
BROMODICHLOROMETHANE	< 620	< 5.4	< 620	< 250	< 5.4
BROMOFORM	< 620	< 5.4	< 620	< 250	< 5.4
BROMOMETHANE	< 1200	< 5.4	< 1200	< 250	< 5.4
CARBON DISULFIDE	< 620	< 5.4	< 620	< 250	< 5.4
CARBON TETRACHLORIDE	< 620	< 5.4	< 620	< 250	< 5.4
CHLOROBENZENE	< 620	< 5.4	< 620	< 250	< 5.4
CHLOROETHANE	< 1200	< 5.4	< 1200	< 250	< 5.4
CHLOROFORM	< 620	< 5.4	< 620	< 250	< 5.4
CHLOROMETHANE	< 1200	< 5.4	< 1200	< 250	< 5.4
CIS-1,2-DICHLOROETHENE	5600	220	3700	220	< 2.7
CIS-1,3-DICHLOROPROPENE	< 620	< 5.4	< 620	< 250	< 5.4
CYCLOHEXANE		< 11		< 490	< 11
DIBROMOCHLOROMETHANE	< 620	< 5.4	< 620	< 250	< 5.4
DICHLORODIFLUOROMETHANE		< 5.4		< 250	< 5.4
ETHYLBENZENE	< 620	< 5.4	< 620	< 250	< 5.4
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE		< 5.4		< 250	< 5.4
METHYL ACETATE		< 11		69 J B u	< 11
METHYL TERT-BUTYL ETHER		< 22		< 990	< 22
METHYLCYCLOHEXANE		< 11		< 490	< 11
METHYLENE CHLORIDE	< 620	2.9 J B u	690 B u	< 250	2.9 J B u
NAPHTHALENE					
N-HEXANE	< 620		< 620		
STYRENE	< 620	< 5.4	< 620	< 250	< 5.4
TETRACHLOROETHENE	12000	0.9 J	1800	< 250	< 5.4
TOLUENE	< 620	< 5.4	< 620	< 250	< 5.4
TRANS-1,2-DICHLOROETHENE		3.6		< 120	< 2.7
TRANS-1,2-DICHLOROETHYLENE	< 310		< 310		
TRANS-1,3-DICHLOROPROPENE	< 620	< 5.4	< 620	< 250	< 5.4
TRICHLOROETHENE	6600	69	2000	< 250	< 5.4
TRICHLOROFLUOROMETHANE		< 5.4		< 250	< 5.4
VINYL CHLORIDE	< 1200	120	< 1200	390	< 5.4
XYLENES (TOTAL)	< 620	< 5.4	< 620	< 250	< 5.4

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-021 / 00-02 1998-12-15 Soil SW5030 µg/kg	GP01-021 / 04-06 1998-12-15 Soil SW5030 µg/kg	GP01-021 / 06-08 1998-12-15 Soil SW5030 µg/kg	GP01-021 / 08-10 1998-12-15 Soil SW5030 µg/kg	GP01-022 / 04-06 1998-12-15 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 5	< 5	< 5	< 10	< 5
1,1,2,2-TETRACHLOROETHANE	< 5	< 5	< 5	< 10	< 5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 5	< 5	< 5	< 10	< 5
1,1-DICHLOROETHANE	< 5	5.4	12	< 10	< 5
1,1-DICHLOROETHENE	< 5	< 5	< 5	< 10	< 5
1,2,4-TRICHLOROBENZENE					
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	< 5	< 5	< 5	< 10	< 5
1,2-DICHLOROETHENE (TOTAL)	< 5	< 5	5.2	270	9.7
1,2-DICHLOROPROPANE	< 5	< 5	< 5	< 10	< 5
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	< 20	< 20	< 20	< 40	< 20
2-HEXANONE	< 20	< 20	< 20	< 40	< 20
4-METHYL-2-PENTANONE	< 20	< 20	< 20	< 40	< 20
ACETONE	< 20	< 20	< 20	< 40	< 20
BENZENE	< 5	< 5	< 5	< 10	< 5
BROMODICHLOROMETHANE	< 5	< 5	< 5	< 10	< 5
BROMOFORM	< 5	< 5	< 5	< 10	< 5
BROMOMETHANE	< 10	< 10	< 10	< 20	< 10
CARBON DISULFIDE	< 5	< 5	< 5	< 10	< 5
CARBON TETRACHLORIDE	< 5	< 5	< 5	< 10	< 5
CHLOROBENZENE	< 5	< 5	< 5	< 10	< 5
CHLOROETHANE	< 10	< 10	< 10	< 20	< 10
CHLOROFORM	< 5	< 5	< 5	< 10	< 5
CHLOROMETHANE	< 10	< 10	< 10	< 20	< 10
CIS-1,2-DICHLOROETHENE	< 2.5	< 2.5	3.2	270	9.7
CIS-1,3-DICHLOROPROPENE	< 5	< 5	< 5	< 10	< 5
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 5	< 5	< 5	< 10	< 5
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 5	< 5	< 5	< 10	< 5
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 5	< 5	< 5	< 10	< 5
NAPHTHALENE					
N-HEXANE	< 5	< 5	< 5	< 10	< 5
STYRENE	< 5	< 5	< 5	< 10	< 5
TETRACHLOROETHENE	5.8	< 5	< 5	< 10	8.9
TOLUENE	< 5	< 5	< 5	< 10	< 5
TRANS-1,2-DICHLOROETHENE					
TRANS-1,2-DICHLOROETHYLENE	< 2.5	< 2.5	< 2.5	7.4	< 2.5
TRANS-1,3-DICHLOROPROPENE	< 5	< 5	< 5	< 10	< 5
TRICHLOROETHENE	< 5	< 5	< 5	< 10	< 5
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 10	< 10	100	26	< 10
XYLENES (TOTAL)	< 5	< 5	< 5	< 10	< 5

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-022 / 08-10 1998-12-15 Soil SW5030 µg/kg	GP01-023 / 06-08 1998-12-15 Soil SW5030 µg/kg	GP01-023 / 08-10 1998-12-15 Soil SW5030 µg/kg	GP01-024 / 00-02 1998-12-15 Soil SW5030 µg/kg	GP01-024 / 04-06 1998-12-15 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 7.1	< 50	< 5	< 5	< 5
1,1,2,2-TETRACHLOROETHANE	< 7.1	< 50	< 5	< 5	< 5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 7.1	< 50	< 5	< 5	< 5
1,1-DICHLOROETHANE	< 7.1	< 50	< 5	< 5	< 5
1,1-DICHLOROETHENE	< 7.1	< 50	< 5	< 5	< 5
1,2,4-TRICHLOROBENZENE					
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	< 7.1	< 50	< 5	< 5	< 5
1,2-DICHLOROETHENE (TOTAL)	280	< 50	< 5	< 5	5.2
1,2-DICHLOROPROPANE	< 7.1	< 50	< 5	< 5	< 5
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	< 28	< 200	< 20	< 20	< 20
2-HEXANONE	< 28	< 200	< 20	< 20	< 20
4-METHYL-2-PENTANONE	< 28	< 200	< 20	< 20	< 20
ACETONE	< 28	< 200	< 20	< 20	< 20
BENZENE	< 7.1	< 50	< 5	< 5	< 5
BROMODICHLOROMETHANE	< 7.1	< 50	< 5	< 5	< 5
BROMOFORM	< 7.1	< 50	< 5	< 5	< 5
BROMOMETHANE	< 14	< 100	< 10	< 10	< 10
CARBON DISULFIDE	< 7.1	< 50	< 5	< 5	< 5
CARBON TETRACHLORIDE	< 7.1	< 50	< 5	< 5	< 5
CHLOROBENZENE	< 7.1	< 50	< 5	< 5	< 5
CHLOROETHANE	< 14	< 100	< 10	< 10	< 10
CHLOROFORM	< 7.1	< 50	< 5	< 5	< 5
CHLOROMETHANE	< 14	< 100	< 10	< 10	< 10
CIS-1,2-DICHLOROETHENE	270	35	< 2.5	< 2.5	5.2
CIS-1,3-DICHLOROPROPENE	< 7.1	< 50	< 5	< 5	< 5
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 7.1	< 50	< 5	< 5	< 5
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 7.1	< 50	< 5	< 5	< 5
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 7.1	< 50	< 5	< 5	< 5
NAPHTHALENE					
N-HEXANE	< 7.1	< 50	< 5	< 5	< 5
STYRENE	< 7.1	< 50	< 5	< 5	< 5
TETRACHLOROETHENE	< 7.1	1000	30	< 5	6.5
TOLUENE	< 7.1	< 50	< 5	< 5	< 5
TRANS-1,2-DICHLOROETHENE					
TRANS-1,2-DICHLOROETHYLENE	11	< 25	< 2.5	< 2.5	< 2.5
TRANS-1,3-DICHLOROPROPENE	< 7.1	< 50	< 5	< 5	< 5
TRICHLOROETHENE	< 7.1	59	< 5	< 5	24
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	180	< 100	< 10	< 10	< 10
XYLENES (TOTAL)	< 7.1	< 50	< 5	5	< 5

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-024 / 08-10 1998-12-15 Soil SW5030 µg/kg	GP01-025 / 02-03 1998-12-16 Soil SW5030 µg/kg	GP01-025 / 04-06 1998-12-16 Soil SW5030 µg/kg	GP01-025 / 08-10 1998-12-16 Soil SW5030 µg/kg	GP01-026 / 02-04 1998-12-16 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 17	< 5	< 5	< 5	< 5
1,1,2,2-TETRACHLOROETHANE	< 17	< 5	< 5	< 5	< 5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 17	< 5	< 5	< 5	< 5
1,1-DICHLOROETHANE	< 17	< 5	< 5	< 5	< 5
1,1-DICHLOROETHENE	< 17	< 5	< 5	< 5	< 5
1,2,4-TRICHLOROBENZENE					
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	< 17	< 5	< 5	< 5	< 5
1,2-DICHLOROETHENE (TOTAL)	92	< 5	< 5	25	< 5
1,2-DICHLOROPROPANE	32	< 5	< 5	< 5	< 5
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	< 67	< 20	< 20	< 20	< 20
2-HEXANONE	< 67	< 20	< 20	< 20	< 20
4-METHYL-2-PENTANONE	< 67	< 20	< 20	< 20	< 20
ACETONE	< 67	< 20	< 20	< 20	< 20
BENZENE	< 17	< 5	< 5	< 5	< 5
BROMODICHLOROMETHANE	< 17	< 5	< 5	< 5	< 5
BROMOFORM	< 17	< 5	< 5	< 5	< 5
BROMOMETHANE	< 33	< 10	< 10	< 10	< 10
CARBON DISULFIDE	< 17	< 5	< 5	< 5	< 5
CARBON TETRACHLORIDE	< 17	< 5	< 5	< 5	< 5
CHLOROBENZENE	< 17	< 5	< 5	< 5	< 5
CHLOROETHANE	< 33	< 10	< 10	< 10	< 10
CHLOROFORM	< 17	< 5	< 5	< 5	< 5
CHLOROMETHANE	< 33	< 10	< 10	< 10	< 10
CIS-1,2-DICHLOROETHENE	90	< 2.5	< 2.5	24	< 2.5
CIS-1,3-DICHLOROPROPENE	< 17	< 5	< 5	< 5	< 5
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 17	< 5	< 5	< 5	< 5
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 17	< 5	< 5	< 5	< 5
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 17	< 5	< 5	< 5	< 5
NAPHTHALENE					
N-HEXANE	< 17	< 5	< 5	< 5	< 5
STYRENE	< 17	< 5	< 5	< 5	< 5
TETRACHLOROETHENE	< 17	< 5	< 5	< 5	< 5
TOLUENE	< 17	< 5	< 5	< 5	< 5
TRANS-1,2-DICHLOROETHENE					
TRANS-1,2-DICHLOROETHYLENE	< 8.3	< 2.5	< 2.5	< 2.5	< 2.5
TRANS-1,3-DICHLOROPROPENE	< 17	< 5	< 5	< 5	< 5
TRICHLOROETHENE	500	< 5	< 5	< 5	< 5
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 33	< 10	< 10	< 10	< 10
XYLENES (TOTAL)	< 17	< 5	< 5	< 5	< 5

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-026 / 04-06 1998-12-16 Soil SW5030 µg/kg	GP01-026 / 08-10 1998-12-16 Soil SW5030 µg/kg	GP01-027 / 00-02 1998-12-16 Soil SW5030 µg/kg	GP01-027 / 04-06 1998-12-16 Soil SW5030 µg/kg	GP01-027 / 08-10 1998-12-16 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 5	< 5	< 5	< 5	< 5
1,1,2,2-TETRACHLOROETHANE	< 5	< 5	< 5	< 5	< 5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 5	< 5	< 5	< 5	< 5
1,1-DICHLOROETHANE	< 5	< 5	< 5	< 5	< 5
1,1-DICHLOROETHENE	< 5	< 5	< 5	< 5	< 5
1,2,4-TRICHLOROBENZENE					
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	< 5	< 5	< 5	< 5	< 5
1,2-DICHLOROETHENE (TOTAL)	< 5	< 5	< 5	< 5	< 5
1,2-DICHLOROPROPANE	< 5	< 5	< 5	< 5	< 5
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	< 20	< 20	< 20	< 20	< 20
2-HEXANONE	< 20	< 20	< 20	< 20	< 20
4-METHYL-2-PENTANONE	< 20	< 20	< 20	< 20	< 20
ACETONE	< 20	< 20	< 20	< 20	< 20
BENZENE	< 5	< 5	< 5	< 5	< 5
BROMODICHLOROMETHANE	< 5	< 5	< 5	< 5	< 5
BROMOFORM	< 5	< 5	< 5	< 5	< 5
BROMOMETHANE	< 10	< 10	< 10	< 10	< 10
CARBON DISULFIDE	< 5	< 5	< 5	< 5	< 5
CARBON TETRACHLORIDE	< 5	< 5	< 5	< 5	< 5
CHLOROBENZENE	< 5	< 5	< 5	< 5	< 5
CHLOROETHANE	< 10	< 10	< 10	< 10	< 10
CHLOROFORM	< 5	< 5	< 5	< 5	< 5
CHLOROMETHANE	< 10	< 10	< 10	< 10	< 10
CIS-1,2-DICHLOROETHENE	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
CIS-1,3-DICHLOROPROPENE	< 5	< 5	< 5	< 5	< 5
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 5	< 5	< 5	< 5	< 5
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 5	< 5	< 5	< 5	< 5
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 5	< 5	< 5	< 5	< 5
NAPHTHALENE					
N-HEXANE	< 5	< 5	< 5	< 5	< 5
STYRENE	< 5	< 5	< 5	< 5	< 5
TETRACHLOROETHENE	< 5	< 5	< 5	< 5	< 5
TOLUENE	< 5	< 5	< 5	< 5	< 5
TRANS-1,2-DICHLOROETHENE					
TRANS-1,2-DICHLOROETHYLENE	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
TRANS-1,3-DICHLOROPROPENE	< 5	< 5	< 5	< 5	< 5
TRICHLOROETHENE	< 5	< 5	< 5	< 5	6.2
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 10	< 10	< 10	< 10	< 10
XYLENES (TOTAL)	< 5	< 5	< 5	< 5	< 5

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-030 / 01-02 1998-12-16 Soil SW5030 µg/kg	GP01-030 / 06-08 1998-12-16 Soil SW5030 µg/kg	GP01-030 / 10-12 1998-12-16 Soil SW5030 µg/kg	GP01-033 / 02-04 1998-12-17 Soil SW5030 µg/kg	GP01-034 / 00-02 1998-12-18 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 5	< 5	< 5	< 5	< 5
1,1,2,2-TETRACHLOROETHANE	< 5	< 5	< 5	< 5	< 5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 5	< 5	< 5	< 5	< 5
1,1-DICHLOROETHANE	< 5	< 5	< 5	< 5	< 5
1,1-DICHLOROETHENE	< 5	< 5	< 5	< 5	< 5
1,2,4-TRICHLOROBENZENE					
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	< 5	< 5	< 5	< 5	< 5
1,2-DICHLOROETHENE (TOTAL)	< 5	59	120	< 5	< 5
1,2-DICHLOROPROPANE	< 5	< 5	< 5	< 5	< 5
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	< 20	< 20	< 20	< 20	< 20
2-HEXANONE	< 20	< 20	< 20	< 20	< 20
4-METHYL-2-PENTANONE	< 20	< 20	< 20	< 20	< 20
ACETONE	< 20	< 20	< 20	24	< 20
BENZENE	< 5	< 5	< 5	< 5	< 5
BROMODICHLOROMETHANE	< 5	< 5	< 5	< 5	< 5
BROMOFORM	< 5	< 5	< 5	< 5	< 5
BROMOMETHANE	< 10	< 10	< 10	< 10	< 10
CARBON DISULFIDE	< 5	< 5	< 5	< 5	< 5
CARBON TETRACHLORIDE	< 5	< 5	< 5	< 5	< 5
CHLOROBENZENE	< 5	< 5	< 5	< 5	< 5
CHLOROETHANE	< 10	< 10	< 10	< 10	< 10
CHLOROFORM	< 5	< 5	< 5	< 5	< 5
CHLOROMETHANE	< 10	< 10	< 10	< 10	< 10
CIS-1,2-DICHLOROETHENE	< 2.5	59	120	< 2.5	< 2.5
CIS-1,3-DICHLOROPROPENE	< 5	< 5	< 5	< 5	< 5
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 5	< 5	< 5	< 5	< 5
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 5	< 5	< 5	< 5	< 5
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 5	< 5	6.7	< 5	< 5
NAPHTHALENE					
N-HEXANE	< 5	< 5	< 5	< 5	< 5
STYRENE	< 5	< 5	< 5	< 5	< 5
TETRACHLOROETHENE	< 5	65	< 5	< 5	< 5
TOLUENE	< 5	< 5	< 5	< 5	< 5
TRANS-1,2-DICHLOROETHENE					
TRANS-1,2-DICHLOROETHYLENE	< 2.5	< 2.5	3.9	< 2.5	< 2.5
TRANS-1,3-DICHLOROPROPENE	< 5	< 5	< 5	< 5	< 5
TRICHLOROETHENE	< 5	48	< 5	< 5	< 5
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 10	< 10	< 10	< 10	< 10
XYLENES (TOTAL)	< 5	< 5	< 5	< 5	18

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-034 / 06-08 1998-12-18 Soil SW5030 µg/kg	GP01-039 / 02-04 1998-12-17 Soil SW5030 µg/kg	GP01-039 / 06-08 1998-12-17 Soil SW5030 µg/kg	GP01-039 / 10-12 1998-12-17 Soil SW5030 µg/kg	GP01-040 / 02-04 1998-12-17 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 5	< 5	< 5	< 8.3	< 5
1,1,2,2-TETRACHLOROETHANE	< 5	< 5	< 5	< 8.3	< 5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 5	< 5	< 5	< 8.3	< 5
1,1-DICHLOROETHANE	< 5	< 5	< 5	< 8.3	< 5
1,1-DICHLOROETHENE	< 5	< 5	< 5	< 8.3	< 5
1,2,4-TRICHLOROBENZENE					
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	< 5	< 5	< 5	< 8.3	< 5
1,2-DICHLOROETHENE (TOTAL)	< 5	< 5	< 5	< 8.3	< 5
1,2-DICHLOROPROPANE	< 5	< 5	< 5	< 8.3	< 5
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	< 20	< 20	< 20	< 33	< 20
2-HEXANONE	< 20	< 20	< 20	< 33	< 20
4-METHYL-2-PENTANONE	< 20	< 20	< 20	< 33	< 20
ACETONE	27	< 20	< 20	< 33	24
BENZENE	< 5	< 5	< 5	< 8.3	< 5
BROMODICHLOROMETHANE	< 5	< 5	< 5	< 8.3	< 5
BROMOFORM	< 5	< 5	< 5	< 8.3	< 5
BROMOMETHANE	< 10	< 10	< 10	< 17	< 10
CARBON DISULFIDE	< 5	< 5	< 5	< 8.3	< 5
CARBON TETRACHLORIDE	< 5	< 5	< 5	< 8.3	< 5
CHLOROBENZENE	< 5	< 5	< 5	< 8.3	< 5
CHLOROETHANE	< 10	< 10	< 10	< 17	< 10
CHLOROFORM	< 5	< 5	< 5	< 8.3	< 5
CHLOROMETHANE	< 10	< 10	< 10	< 17	< 10
CIS-1,2-DICHLOROETHENE	< 2.5	< 2.5	< 2.5	< 4.2	< 2.5
CIS-1,3-DICHLOROPROPENE	< 5	< 5	< 5	< 8.3	< 5
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 5	< 5	< 5	< 8.3	< 5
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 5	< 5	< 5	< 8.3	< 5
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 5	< 5	< 5	< 8.3	< 5
NAPHTHALENE					
N-HEXANE	< 5	< 5	< 5	< 8.3	< 5
STYRENE	< 5	< 5	< 5	< 8.3	< 5
TETRACHLOROETHENE	< 5	< 5	60	< 8.3	< 5
TOLUENE	< 5	< 5	< 5	< 8.3	< 5
TRANS-1,2-DICHLOROETHENE					
TRANS-1,2-DICHLOROETHYLENE	< 2.5	< 2.5	< 2.5	< 4.2	< 2.5
TRANS-1,3-DICHLOROPROPENE	< 5	< 5	< 5	< 8.3	< 5
TRICHLOROETHENE	< 5	< 5	< 5	310	< 5
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 10	< 10	< 10	< 17	< 10
XYLENES (TOTAL)	< 5	< 5	< 5	< 8.3	< 5

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-040 / 06-08 1998-12-17 Soil SW5030 µg/kg	GP01-040 / 10-12 1998-12-17 Soil SW5030 µg/kg	GP01-041 / 00-02 1999-04-14 Soil SW5035 µg/kg	GP01-041 / 02-04 1999-04-14 Soil SW5035 µg/kg	GP01-041 / 04-06 1999-04-14 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 17	< 5	< 4.4	< 4	< 4.1
1,1,2,2-TETRACHLOROETHANE	< 17	< 5	< 4.4	< 4	< 4.1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 17	< 5	< 4.4	< 4	< 4.1
1,1-DICHLOROETHANE	< 17	< 5	< 4.4	< 4	< 4.1
1,1-DICHLOROETHENE	< 17	< 5	< 4.4	< 4	< 4.1
1,2,4-TRICHLOROBENZENE					
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	< 17	< 5	< 4.4	< 4	< 4.1
1,2-DICHLOROETHENE (TOTAL)	52	< 5	< 4.4	< 4	< 4.1
1,2-DICHLOROPROPANE	< 17	< 5	< 4.4	< 4	< 4.1
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	< 67	< 20	< 18	< 16	< 16
2-HEXANONE	< 67	< 20	< 18	< 16	< 16
4-METHYL-2-PENTANONE	< 67	< 20	< 18	< 16	< 16
ACETONE	< 67	< 20	< 18	< 16	< 16
BENZENE	< 17	< 5	< 4.4	< 4	< 4.1
BROMODICHLOROMETHANE	< 17	< 5	< 4.4	< 4	< 4.1
BROMOFORM	< 17	< 5	< 4.4	< 4	< 4.1
BROMOMETHANE	< 33	< 10	< 8.8	< 8	< 8.2
CARBON DISULFIDE	< 17	< 5	< 4.4	< 4	< 4.1
CARBON TETRACHLORIDE	< 17	< 5	< 4.4	< 4	< 4.1
CHLOROBENZENE	< 17	< 5	< 4.4	< 4	< 4.1
CHLOROETHANE	< 33	< 10	< 8.8	< 8	< 8.2
CHLOROFORM	< 17	< 5	< 4.4	< 4	< 4.1
CHLOROMETHANE	< 33	< 10	< 8.8	< 8	< 8.2
CIS-1,2-DICHLOROETHENE	52	< 2.5	< 2.2	< 2	< 2
CIS-1,3-DICHLOROPROPENE	< 17	< 5	< 4.4	< 4	< 4.1
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 17	< 5	< 4.4	< 4	< 4.1
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 17	< 5	< 4.4	< 4	< 4.1
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 17	< 5	< 4.4	< 4	< 4.1
NAPHTHALENE					
N-HEXANE	< 17	< 5	< 4.4	< 4	< 4.1
STYRENE	< 17	< 5	< 4.4	< 4	< 4.1
TETRACHLOROETHENE	520	< 5	< 4.4	< 4	< 4.1
TOLUENE	< 17	< 5	< 4.4	< 4	< 4.1
TRANS-1,2-DICHLOROETHENE			< 2.2	< 2	< 2
TRANS-1,2-DICHLOROETHYLENE	< 8.3	< 2.5			
TRANS-1,3-DICHLOROPROPENE	< 17	< 5	< 4.4	< 4	< 4.1
TRICHLOROETHENE	180	< 5	< 4.4	< 4	< 4.1
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 33	< 10	< 8.8	< 8	< 8.2
XYLENES (TOTAL)	< 17	< 5	< 8.8	< 8	< 8.2

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-042 / 00-02 1999-04-14 Soil SW5035 µg/kg	GP01-042 / 02-04 1999-04-14 Soil SW5035 µg/kg	GP01-042 / 04-06 1999-04-14 Soil SW5035 µg/kg	GP01-043 / 00-02 1999-04-14 Soil SW5035 µg/kg	GP01-043 / 02-04 1999-04-14 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 4.2	< 4.4	< 4.1	< 4.2	< 4.2
1,1,2,2-TETRACHLOROETHANE	< 4.2	< 4.4	< 4.1	< 4.2	< 4.2
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 4.2	< 4.4	< 4.1	< 4.2	< 4.2
1,1-DICHLOROETHANE	< 4.2	< 4.4	< 4.1	< 4.2	< 4.2
1,1-DICHLOROETHENE	< 4.2	< 4.4	< 4.1	< 4.2	< 4.2
1,2,4-TRICHLOROBENZENE					
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	< 4.2	< 4.4	< 4.1	< 4.2	< 4.2
1,2-DICHLOROETHENE (TOTAL)	< 4.2	< 4.4	< 4.1	< 4.2	< 4.2
1,2-DICHLOROPROPANE	< 4.2	< 4.4	< 4.1	< 4.2	< 4.2
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	< 17	< 18	< 16	< 17	< 17
2-HEXANONE	< 17	< 18	< 16	< 17	< 17
4-METHYL-2-PENTANONE	< 17	< 18	< 16	< 17	< 17
ACETONE	< 17	< 18	< 16	< 17	< 17
BENZENE	< 4.2	< 4.4	< 4.1	< 4.2	< 4.2
BROMODICHLOROMETHANE	< 4.2	< 4.4	< 4.1	< 4.2	< 4.2
BROMOFORM	< 4.2	< 4.4	< 4.1	< 4.2	< 4.2
BROMOMETHANE	< 8.5	< 8.8	< 8.2	< 8.3	< 8.4
CARBON DISULFIDE	< 4.2	< 4.4	< 4.1	< 4.2	< 4.2
CARBON TETRACHLORIDE	< 4.2	< 4.4	< 4.1	< 4.2	< 4.2
CHLOROBENZENE	< 4.2	< 4.4	< 4.1	< 4.2	< 4.2
CHLOROETHANE	< 8.5	< 8.8	< 8.2	< 8.3	< 8.4
CHLOROFORM	< 4.2	< 4.4	< 4.1	< 4.2	< 4.2
CHLOROMETHANE	< 8.5	< 8.8	< 8.2	< 8.3	< 8.4
CIS-1,2-DICHLOROETHENE	< 2.1	< 2.2	< 2	< 2.1	< 2.1
CIS-1,3-DICHLOROPROPENE	< 4.2	< 4.4	< 4.1	< 4.2	< 4.2
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 4.2	< 4.4	< 4.1	< 4.2	< 4.2
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 4.2	< 4.4	< 4.1	< 4.2	< 4.2
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 4.2	< 4.4	< 4.1	< 4.2	< 4.2
NAPHTHALENE					
N-HEXANE	< 4.2	< 4.4	< 4.1	< 4.2	< 4.2
STYRENE	< 4.2	< 4.4	< 4.1	< 4.2	< 4.2
TETRACHLOROETHENE	< 4.2	< 4.4	< 4.1	< 4.2	< 4.2
TOLUENE	< 4.2	< 4.4	< 4.1	< 4.2	< 4.2
TRANS-1,2-DICHLOROETHENE	< 2.1	< 2.2	< 2	< 2.1	< 2.1
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 4.2	< 4.4	< 4.1	< 4.2	< 4.2
TRICHLOROETHENE	< 4.2	< 4.4	< 4.1	< 4.2	< 4.2
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 8.5	< 8.8	< 8.2	< 8.3	< 8.4
XYLENES (TOTAL)	< 8.5	< 8.8	< 8.2	< 8.3	< 8.4

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-044 / 00-02 1999-04-14 Soil SW5035 µg/kg	GP01-044 / 02-04 1999-04-14 Soil SW5035 µg/kg	GP01-045 / 00-02 1999-04-14 Soil SW5035 µg/kg	GP01-045 / 02-04 1999-04-14 Soil SW5035 µg/kg	GP01-046 / 00-02 1999-04-14 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 4.8	< 4 uj	< 4.6	< 3.8	< 4.2
1,1,2,2-TETRACHLOROETHANE	< 4.8	< 4 uj	< 4.6	< 3.8	< 4.2
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 4.8	< 4 uj	< 4.6	< 3.8	< 4.2
1,1-DICHLOROETHANE	< 4.8	< 4 uj	< 4.6	< 3.8	< 4.2
1,1-DICHLOROETHENE	< 4.8	< 4 uj	< 4.6	< 3.8	< 4.2
1,2,4-TRICHLOROBENZENE					
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	< 4.8	< 4 uj	< 4.6	< 3.8	< 4.2
1,2-DICHLOROETHENE (TOTAL)	< 4.8	< 4 uj	< 4.6	< 3.8	< 4.2
1,2-DICHLOROPROPANE	< 4.8	< 4 uj	< 4.6	< 3.8	< 4.2
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	< 19	< 16 uj	< 18	< 15	< 17
2-HEXANONE	< 19	< 16 uj	< 18	< 15	< 17
4-METHYL-2-PENTANONE	< 19	< 16 uj	< 18	< 15	< 17
ACETONE	< 19	< 16 uj	< 18	< 15	< 17
BENZENE	< 4.8	< 4 uj	< 4.6	< 3.8	< 4.2
BROMODICHLOROMETHANE	< 4.8	< 4 uj	< 4.6	< 3.8	< 4.2
BROMOFORM	< 4.8	< 4 uj	< 4.6	< 3.8	< 4.2
BROMOMETHANE	< 9.5	< 7.9 uj	< 9.1	< 7.7	< 8.4
CARBON DISULFIDE	< 4.8	< 4 uj	< 4.6	< 3.8	< 4.2
CARBON TETRACHLORIDE	< 4.8	< 4 uj	< 4.6	< 3.8	< 4.2
CHLOROBENZENE	< 4.8	< 4 uj	< 4.6	< 3.8	< 4.2
CHLOROETHANE	< 9.5	< 7.9 uj	< 9.1	< 7.7	< 8.4
CHLOROFORM	< 4.8	< 4 uj	< 4.6	< 3.8	< 4.2
CHLOROMETHANE	< 9.5	< 7.9 uj	< 9.1	< 7.7	< 8.4
CIS-1,2-DICHLOROETHENE	< 2.4	< 2 uj	< 2.3	< 1.9	< 2.1
CIS-1,3-DICHLOROPROPENE	< 4.8	< 4 uj	< 4.6	< 3.8	< 4.2
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 4.8	< 4 uj	< 4.6	< 3.8	< 4.2
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 4.8	< 4 uj	< 4.6	< 3.8	< 4.2
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 4.8	< 4 uj	< 4.6	< 3.8	< 4.2
NAPHTHALENE					
N-HEXANE	< 4.8	< 4 uj	< 4.6	< 3.8	< 4.2
STYRENE	< 4.8	< 4 uj	< 4.6	< 3.8	< 4.2
TETRACHLOROETHENE	< 4.8	< 4 uj	< 4.6	< 3.8	< 4.2
TOLUENE	< 4.8	< 4 uj	< 4.6	< 3.8	< 4.2
TRANS-1,2-DICHLOROETHENE	< 2.4	< 2 uj	< 2.3	< 1.9	< 2.1
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 4.8	< 4 uj	< 4.6	< 3.8	< 4.2
TRICHLOROETHENE	< 4.8	< 4 uj	< 4.6	< 3.8	< 4.2
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 9.5	< 7.9 uj	< 9.1	< 7.7	< 8.4
XYLENES (TOTAL)	< 9.5	< 7.9 uj	< 9.1	< 7.7	< 8.4

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-046 / 02-04 1999-04-14 Soil SW5035 µg/kg	GP01-047 / 00-02 1999-04-14 Soil SW5035 µg/kg	GP01-047 / 02-04 1999-04-14 Soil SW5035 µg/kg	GP01-048 / 00-02 1999-04-12 Soil SW5035 µg/kg	GP01-048 / 04-06 1999-04-12 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 4.5	< 4.2	< 4.2	< 4.2	< 4.2
1,1,2,2-TETRACHLOROETHANE	< 4.5	< 4.2	< 4.2	< 4.2	< 4.2
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 4.5	< 4.2	< 4.2	< 4.2	< 4.2
1,1-DICHLOROETHANE	< 4.5	< 4.2	< 4.2	< 4.2	< 4.2
1,1-DICHLOROETHENE	< 4.5	< 4.2	< 4.2	< 4.2	< 4.2
1,2,4-TRICHLOROBENZENE					
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	< 4.5	< 4.2	< 4.2	< 4.2	< 4.2
1,2-DICHLOROETHENE (TOTAL)	< 4.5	< 4.2	< 4.2	< 4.2	< 4.2
1,2-DICHLOROPROPANE	< 4.5	< 4.2	< 4.2	< 4.2	< 4.2
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	< 18	< 17	< 17	< 17	< 17
2-HEXANONE	< 18	< 17	< 17	< 17	< 17
4-METHYL-2-PENTANONE	< 18	< 17	< 17	< 17	< 17
ACETONE	< 18	< 17	< 17	< 17	< 17
BENZENE	< 4.5	< 4.2	< 4.2	< 4.2	< 4.2
BROMODICHLOROMETHANE	< 4.5	< 4.2	< 4.2	< 4.2	< 4.2
BROMOFORM	< 4.5	< 4.2	< 4.2	< 4.2	< 4.2
BROMOMETHANE	< 9	< 8.5	< 8.5	< 8.4	< 8.3
CARBON DISULFIDE	< 4.5	< 4.2	< 4.2	< 4.2	< 4.2
CARBON TETRACHLORIDE	< 4.5	< 4.2	< 4.2	< 4.2	< 4.2
CHLOROBENZENE	< 4.5	< 4.2	< 4.2	< 4.2	< 4.2
CHLOROETHANE	< 9	< 8.5	< 8.5	< 8.4	< 8.3
CHLOROFORM	< 4.5	< 4.2	< 4.2	< 4.2	< 4.2
CHLOROMETHANE	< 9	< 8.5	< 8.5	< 8.4	< 8.3
CIS-1,2-DICHLOROETHENE	< 2.2	< 2.1	< 2.1	< 2.1	< 2.1
CIS-1,3-DICHLOROPROPENE	< 4.5	< 4.2	< 4.2	< 4.2	< 4.2
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 4.5	< 4.2	< 4.2	< 4.2	< 4.2
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 4.5	< 4.2	< 4.2	< 4.2	< 4.2
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 4.5	< 4.2	< 4.2	< 4.2	< 4.2
NAPHTHALENE					
N-HEXANE	< 4.5	< 4.2	< 4.2	< 4.2	< 4.2
STYRENE	< 4.5	< 4.2	< 4.2	< 4.2	< 4.2
TETRACHLOROETHENE	< 4.5	< 4.2	< 4.2	< 4.2	< 4.2
TOLUENE	< 4.5	< 4.2	< 4.2	< 4.2	< 4.2
TRANS-1,2-DICHLOROETHENE	< 2.2	< 2.1	< 2.1	< 2.1	< 2.1
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 4.5	< 4.2	< 4.2	< 4.2	< 4.2
TRICHLOROETHENE	< 4.5	< 4.2	< 4.2	< 4.2	< 4.2
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 9	< 8.5	< 8.5	< 8.4	< 8.3
XYLENES (TOTAL)	< 9	< 8.5	< 8.5	< 8.4	< 8.3

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-048 / 08-10 1999-04-12 Soil SW5035 µg/kg	GP01-049 / 00-02 1999-04-12 Soil SW5035 µg/kg	GP01-049 / 04-06 1999-04-12 Soil SW5035 µg/kg	GP01-049 / 08-10 1999-04-12 Soil SW5035 µg/kg	GP01-050 / 00-02 CONF 2004-02-02 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 4.2	< 4.5 uj	< 4	< 3.6	< 8.2
1,1,2,2-TETRACHLOROETHANE	< 4.2	< 4.5 uj	< 4	< 3.6	< 8.2
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					< 8.2
1,1,2-TRICHLOROETHANE	< 4.2	< 4.5 uj	< 4	< 3.6	< 8.2
1,1-DICHLOROETHANE	< 4.2	< 4.5 uj	< 4	< 3.6	< 8.2
1,1-DICHLOROETHENE	< 4.2	< 4.5 uj	< 4	< 3.6	< 8.2
1,2,4-TRICHLOROBENZENE					< 8.2
1,2-DIBROMO-3-CHLOROPROPANE					< 16
1,2-DIBROMOETHANE					< 8.2
1,2-DICHLOROBENZENE					< 8.2
1,2-DICHLOROETHANE	< 4.2	< 4.5 uj	< 4	< 3.6	< 8.2
1,2-DICHLOROETHENE (TOTAL)	< 4.2	< 4.5 uj	< 4	< 3.6	
1,2-DICHLOROPROPANE	< 4.2	< 4.5 uj	< 4	< 3.6	< 8.2
1,3-DICHLOROBENZENE					< 8.2
1,4-DICHLOROBENZENE					< 8.2
2-BUTANONE	< 17	< 18 uj	< 16	< 14	< 33
2-HEXANONE	< 17	< 18 uj	< 16	< 14	< 33
4-METHYL-2-PENTANONE	< 17	< 18 uj	< 16	< 14	3 J
ACETONE	< 17	< 18 uj	< 16	< 14	11 J
BENZENE	< 4.2	< 4.5 uj	< 4	< 3.6	< 8.2
BROMODICHLOROMETHANE	< 4.2	< 4.5 uj	< 4	< 3.6	< 8.2
BROMOFORM	< 4.2	< 4.5 uj	< 4	< 3.6	< 8.2
BROMOMETHANE	< 8.3	< 9 uj	< 8.1	< 7.2	< 8.2
CARBON DISULFIDE	< 4.2	< 4.5 uj	< 4	< 3.6	< 8.2
CARBON TETRACHLORIDE	< 4.2	< 4.5 uj	< 4	< 3.6	< 8.2
CHLOROBENZENE	< 4.2	< 4.5 uj	< 4	< 3.6	< 8.2
CHLOROETHANE	< 8.3	< 9 uj	< 8.1	< 7.2	< 8.2
CHLOROFORM	< 4.2	< 4.5 uj	< 4	< 3.6	< 8.2
CHLOROMETHANE	< 8.3	< 9 uj	< 8.1	< 7.2	< 8.2
CIS-1,2-DICHLOROETHENE	< 2.1	< 2.2 uj	< 2	< 1.8	3.7 J
CIS-1,3-DICHLOROPROPENE	< 4.2	< 4.5 uj	< 4	< 3.6	< 8.2
CYCLOHEXANE					< 16
DIBROMOCHLOROMETHANE	< 4.2	< 4.5 uj	< 4	< 3.6	< 8.2
DICHLORODIFLUOROMETHANE					< 8.2
ETHYLBENZENE	< 4.2	< 4.5 uj	< 4	< 3.6	< 8.2
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE					< 8.2
METHYL ACETATE					< 16
METHYL TERT-BUTYL ETHER					< 33
METHYLCYCLOHEXANE					< 16
METHYLENE CHLORIDE	< 4.2	< 4.5 uj	< 4	< 3.6	5.3 J B u
NAPHTHALENE					
N-HEXANE	< 4.2	< 4.5 uj	< 4	< 3.6	
STYRENE	< 4.2	< 4.5 uj	< 4	< 3.6	< 8.2
TETRACHLOROETHENE	< 4.2	< 4.5 uj	< 4	< 3.6	2.8 J
TOLUENE	< 4.2	< 4.5 uj	< 4	< 3.6	1.5 J
TRANS-1,2-DICHLOROETHENE	< 2.1	< 2.2 uj	< 2	< 1.8	< 4.1
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 4.2	< 4.5 uj	< 4	< 3.6	< 8.2
TRICHLOROETHENE	< 4.2	< 4.5 uj	< 4	< 3.6	< 8.2
TRICHLOROFLUOROMETHANE					< 8.2
VINYL CHLORIDE	< 8.3	< 9 uj	< 8.1	< 7.2	< 8.2
XYLENES (TOTAL)	< 8.3	< 9 uj	< 8.1	< 7.2	< 8.2

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-050 / 00-02 1999-04-12 Soil SW5035 µg/kg	GP01-050 / 04-06 CONF 2004-02-02 Soil SW5035 µg/kg	GP01-050 / 04-06 1999-04-12 Soil SW5035 µg/kg	GP01-050 / 08-10 CONF 2004-02-02 Soil SW5035 µg/kg	GP01-050 / 08-10 1999-04-12 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 220	< 450	< 220	< 2300	< 36000
1,1,2,2-TETRACHLOROETHANE	< 220	< 450	< 220	< 2300	< 36000
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE		150 J		6400	
1,1,2-TRICHLOROETHANE	< 220	< 450	< 220	< 2300	< 36000
1,1-DICHLOROETHANE	< 220	< 450	< 220	< 2300	< 36000
1,1-DICHLOROETHENE	< 220	< 450	< 220	< 2300	< 36000
1,2,4-TRICHLOROBENZENE		< 450		< 2300	
1,2-DIBROMO-3-CHLOROPROPANE		< 910		< 4500	
1,2-DIBROMOETHANE		< 450		< 2300	
1,2-DICHLOROBENZENE		< 450		< 2300	
1,2-DICHLOROETHANE	< 220	< 450	< 220	< 2300	< 36000
1,2-DICHLOROETHENE (TOTAL)	< 220		850		< 36000
1,2-DICHLOROPROPANE	< 220	< 450	< 220	< 2300	< 36000
1,3-DICHLOROBENZENE		< 450		< 2300	
1,4-DICHLOROBENZENE		< 450		< 2300	
2-BUTANONE	< 860	< 1800	< 860	< 9000	< 150000
2-HEXANONE	< 860	< 1800	< 860	< 9000	< 150000
4-METHYL-2-PENTANONE	< 860	< 1800	< 860	< 9000	< 150000
ACETONE	< 860	< 1800	< 860	< 9000	< 150000
BENZENE	< 220	< 450	< 220	< 2300	< 36000
BROMODICHLOROMETHANE	< 220	< 450	< 220	< 2300	< 36000
BROMOFORM	< 220	< 450	< 220	< 2300	< 36000
BROMOMETHANE	< 430	< 450	< 430	< 2300	< 73000
CARBON DISULFIDE	< 220	< 450	< 220	< 2300	< 36000
CARBON TETRACHLORIDE	< 220	< 450	< 220	< 2300	< 36000
CHLOROBENZENE	< 220	< 450	< 220	< 2300	< 36000
CHLOROETHANE	< 430	< 450	< 430	< 2300	< 73000
CHLOROFORM	< 220	< 450	< 220	< 2300	< 36000
CHLOROMETHANE	< 430	< 450	< 430	< 2300	< 73000
CIS-1,2-DICHLOROETHENE	< 110	2400	850	930 J	< 18000
CIS-1,3-DICHLOROPROPENE	< 220	< 450	< 220	< 2300	< 36000
CYCLOHEXANE		< 910		< 4500	
DIBROMOCHLOROMETHANE	< 220	< 450	< 220	< 2300	< 36000
DICHLORODIFLUOROMETHANE		< 450		< 2300	
ETHYLBENZENE	< 220	< 450	< 220	< 2300	< 36000
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE		< 450		< 2300	
METHYL ACETATE		140 J B u		620 J B u	
METHYL TERT-BUTYL ETHER		< 1800		< 9000	
METHYLCYCLOHEXANE		< 910		< 4500	
METHYLENE CHLORIDE	< 220	< 450	< 220	< 2300	< 36000
NAPHTHALENE					
N-HEXANE	< 220		< 220		< 36000
STYRENE	< 220	< 450	< 220	< 2300	< 36000
TETRACHLOROETHENE	520	250 J	1300	91000	1100000
TOLUENE	< 220	< 450	< 220	< 2300	< 36000
TRANS-1,2-DICHLOROETHENE	< 110	< 230	< 110	< 1100	< 18000
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 220	< 450	< 220	< 2300	< 36000
TRICHLOROETHENE	< 220	50 J	320	620 J	< 36000
TRICHLOROFLUOROMETHANE		< 450		< 2300	
VINYL CHLORIDE	< 430	410 J	< 430	< 2300	< 73000
XYLENES (TOTAL)	< 430	< 450	< 430	< 2300	< 73000

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-050 / 12-12_5 2004-02-02 Soil SW5035 µg/kg	GP01-050 / 16-18 CONF 2004-02-02 Soil SW5035 µg/kg	GP01-050 / 16-18 1999-04-12 Soil SW5030 µg/kg	GP01-051 / 00-02 1999-04-12 Soil SW5035 µg/kg	GP01-051 / 04-06 1999-04-12 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 6.9	< 4.3	< 5	< 4.4	< 4.2
1,1,2,2-TETRACHLOROETHANE	< 6.9	< 4.3	< 5	< 4.4	< 4.2
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 6.9	< 4.3			
1,1,2-TRICHLOROETHANE	< 6.9	< 4.3	< 5	< 4.4	< 4.2
1,1-DICHLOROETHANE	< 6.9	< 4.3	< 5	< 4.4	< 4.2
1,1-DICHLOROETHENE	< 6.9	< 4.3	< 5	< 4.4	< 4.2
1,2,4-TRICHLOROBENZENE	< 6.9	< 4.3			
1,2-DIBROMO-3-CHLOROPROPANE	< 14	< 8.7			
1,2-DIBROMOETHANE	< 6.9	< 4.3			
1,2-DICHLOROBENZENE	< 6.9	< 4.3			
1,2-DICHLOROETHANE	< 6.9	< 4.3	< 5	< 4.4	< 4.2
1,2-DICHLOROETHENE (TOTAL)			< 5	< 4.4	< 4.2
1,2-DICHLOROPROPANE	3.8 J	< 4.3	< 5	< 4.4	< 4.2
1,3-DICHLOROBENZENE	< 6.9	< 4.3			
1,4-DICHLOROBENZENE	< 6.9	< 4.3			
2-BUTANONE	< 28	< 17	< 20	< 18	< 17
2-HEXANONE	< 28	< 17	< 20	< 18	< 17
4-METHYL-2-PENTANONE	< 28	< 17	< 20	< 18	< 17
ACETONE	< 28	8.4 J	< 20	< 18	< 17
BENZENE	< 6.9	< 4.3	< 5	< 4.4	< 4.2
BROMODICHLOROMETHANE	< 6.9	< 4.3	< 5	< 4.4	< 4.2
BROMOFORM	< 6.9	< 4.3	< 5	< 4.4	< 4.2
BROMOMETHANE	< 6.9	< 4.3	< 10	< 8.9	< 8.4
CARBON DISULFIDE	< 6.9	< 4.3	< 5	< 4.4	< 4.2
CARBON TETRACHLORIDE	< 6.9	< 4.3	< 5	< 4.4	< 4.2
CHLOROBENZENE	< 6.9	< 4.3	< 5	< 4.4	< 4.2
CHLOROETHANE	< 6.9	< 4.3	< 10	< 8.9	< 8.4
CHLOROFORM	< 6.9	< 4.3	< 5	< 4.4	< 4.2
CHLOROMETHANE	< 6.9	< 4.3	< 10	< 8.9	< 8.4
CIS-1,2-DICHLOROETHENE	1.2 J	< 2.2	< 2.5	< 2.2	< 2.1
CIS-1,3-DICHLOROPROPENE	< 6.9	< 4.3	< 5	< 4.4	< 4.2
CYCLOHEXANE	< 14	< 8.7			
DIBROMOCHLOROMETHANE	< 6.9	< 4.3	< 5	< 4.4	< 4.2
DICHLORODIFLUOROMETHANE	< 6.9	< 4.3			
ETHYLBENZENE	< 6.9	< 4.3	< 5	< 4.4	< 4.2
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE	< 6.9	< 4.3			
METHYL ACETATE	< 14	< 8.7			
METHYL TERT-BUTYL ETHER	< 28	< 17			
METHYLCYCLOHEXANE	< 14	< 8.7			
METHYLENE CHLORIDE	3.2 J B u	3.1 J B u	< 5	< 4.4	< 4.2
NAPHTHALENE					
N-HEXANE			< 5	< 4.4	< 4.2
STYRENE	< 6.9	< 4.3	< 5	< 4.4	< 4.2
TETRACHLOROETHENE	0.88 J	< 4.3	< 5	< 4.4	4.7
TOLUENE	< 6.9	0.48 J	< 5	< 4.4	< 4.2
TRANS-1,2-DICHLOROETHENE	< 3.5	< 2.2	< 2.5	< 2.2	< 2.1
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 6.9	< 4.3	< 5	< 4.4	< 4.2
TRICHLOROETHENE	2.2 J	< 4.3	< 5	< 4.4	< 4.2
TRICHLOROFLUOROMETHANE	< 6.9	< 4.3			
VINYL CHLORIDE	< 6.9	< 4.3	< 10	< 8.9	< 8.4
XYLENES (TOTAL)	< 6.9	< 4.3	< 5	< 8.9	< 8.4

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-051 / 08-10 1999-04-12 Soil SW5035 µg/kg	GP01-052 / 00-02 CONF 2004-02-02 Soil SW5035 µg/kg	GP01-052 / 00-02 1999-04-13 Soil SW5035 µg/kg	GP01-052 / 04-06 CONF 2004-02-02 Soil SW5035 µg/kg	GP01-052 / 04-06 1999-04-13 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 4.2	< 9.6	< 4.2	< 410	< 200
1,1,2,2-TETRACHLOROETHANE	< 4.2	< 9.6	< 4.2	< 410	< 200
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE		< 9.6		< 410	
1,1,2-TRICHLOROETHANE	< 4.2	< 9.6	< 4.2	< 410	< 200
1,1-DICHLOROETHANE	< 4.2	< 9.6	< 4.2	< 410	< 200
1,1-DICHLOROETHENE	< 4.2	< 9.6	< 4.2	< 410	< 200
1,2,4-TRICHLOROBENZENE		< 9.6		< 410	
1,2-DIBROMO-3-CHLOROPROPANE		< 19		< 830	
1,2-DIBROMOETHANE		< 9.6		< 410	
1,2-DICHLOROBENZENE		< 9.6		< 410	
1,2-DICHLOROETHANE	< 4.2	< 9.6	< 4.2	< 410	< 200
1,2-DICHLOROETHENE (TOTAL)	< 4.2		< 4.2		230
1,2-DICHLOROPROPANE	8.5 j	< 9.6	< 4.2	< 410	< 200
1,3-DICHLOROBENZENE		< 9.6		< 410	
1,4-DICHLOROBENZENE		< 9.6		< 410	
2-BUTANONE	< 17	< 38	< 17	< 1700	< 780
2-HEXANONE	< 17	< 38	< 17	< 1700	< 780
4-METHYL-2-PENTANONE	< 17	6.1 J	< 17	< 1700	< 780
ACETONE	< 17	24 J	< 17	< 1700	< 780
BENZENE	< 4.2	< 9.6	< 4.2	< 410	< 200
BROMODICHLOROMETHANE	< 4.2	< 9.6	< 4.2	< 410	< 200
BROMOFORM	< 4.2	< 9.6	< 4.2	< 410	< 200
BROMOMETHANE	< 8.3	< 9.6	< 8.3	< 410	< 390
CARBON DISULFIDE	< 4.2	< 9.6	< 4.2	< 410	< 200
CARBON TETRACHLORIDE	< 4.2	< 9.6	< 4.2	< 410	< 200
CHLOROBENZENE	< 4.2	< 9.6	< 4.2	< 410	< 200
CHLOROETHANE	< 8.3	< 9.6	< 8.3	< 410	< 390
CHLOROFORM	< 4.2	< 9.6	< 4.2	< 410	< 200
CHLOROMETHANE	< 8.3	< 9.6	< 8.3	< 410	< 390
CIS-1,2-DICHLOROETHENE	3.8 j	< 4.8	< 2.1	< 210	230
CIS-1,3-DICHLOROPROPENE	< 4.2	< 9.6	< 4.2	< 410	< 200
CYCLOHEXANE		< 19		< 830	
DIBROMOCHLOROMETHANE	< 4.2	< 9.6	< 4.2	< 410	< 200
DICHLORODIFLUOROMETHANE		< 9.6		< 410	
ETHYLBENZENE	< 4.2	< 9.6	< 4.2	< 410	< 200
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE		< 9.6		< 410	
METHYL ACETATE		< 19		110 J B u	
METHYL TERT-BUTYL ETHER		< 38		< 1700	
METHYLCYCLOHEXANE		< 19		< 830	
METHYLENE CHLORIDE	< 4.2	6.1 J B u	< 4.2	< 410	< 200
NAPHTHALENE					
N-HEXANE	< 4.2		< 4.2		< 200
STYRENE	< 4.2	< 9.6	< 4.2	< 410	< 200
TETRACHLOROETHENE	< 4.2	1.9 J	< 4.2	2000	3100
TOLUENE	< 4.2	1.6 J	< 4.2	< 410	< 200
TRANS-1,2-DICHLOROETHENE	< 2.1	< 4.8	< 2.1	< 210	< 98
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 4.2	< 9.6	< 4.2	< 410	< 200
TRICHLOROETHENE	61 j	0.9 J	< 4.2	450	1100
TRICHLOROFLUOROMETHANE		< 9.6		< 410	
VINYL CHLORIDE	< 8.3	< 9.6	< 8.3	< 410	< 390
XYLENES (TOTAL)	< 8.3	< 9.6	< 8.3	< 410	< 390

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-052 / 08-10 CONF 2004-02-02 Soil SW5035 µg/kg	GP01-052 / 08-10 1999-04-13 Soil SW5035 µg/kg	GP01-052 / 10-12 2004-02-02 Soil SW5035 µg/kg	GP01-052 / 12-14 2004-02-02 Soil SW5035 µg/kg	GP01-052 / 14_25-16_25 2004-02-02 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 400	< 380	< 600	< 250	< 5.3
1,1,2,2-TETRACHLOROETHANE	< 400	< 380	< 600	< 250	< 5.3
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	3200		590 J	< 250	< 5.3
1,1,2-TRICHLOROETHANE	< 400	< 380	< 600	< 250	< 5.3
1,1-DICHLOROETHANE	< 400	< 380	< 600	< 250	< 5.3
1,1-DICHLOROETHENE	< 400	< 380	< 600	< 250	< 5.3
1,2,4-TRICHLOROBENZENE	< 400		< 600	< 250	< 5.3
1,2-DIBROMO-3-CHLOROPROPANE	< 810		< 1200	< 490	< 11
1,2-DIBROMOETHANE	< 400		< 600	< 250	< 5.3
1,2-DICHLOROBENZENE	< 400		< 600	< 250	< 5.3
1,2-DICHLOROETHANE	< 400	< 380	< 600	< 250	< 5.3
1,2-DICHLOROETHENE (TOTAL)		510			
1,2-DICHLOROPROPANE	< 400	< 380	< 600	< 250	< 5.3
1,3-DICHLOROBENZENE	< 400		< 600	< 250	< 5.3
1,4-DICHLOROBENZENE	< 400		< 600	< 250	< 5.3
2-BUTANONE	< 1600	< 1500	< 2400	< 980	< 21
2-HEXANONE	< 1600	< 1500	< 2400	< 980	< 21
4-METHYL-2-PENTANONE	< 1600	< 1500	< 2400	< 980	< 21
ACETONE	< 1600	< 1500	420 J	< 980	11 J
BENZENE	< 400	< 380	< 600	< 250	< 5.3
BROMODICHLOROMETHANE	< 400	< 380	< 600	< 250	< 5.3
BROMOFORM	< 400	< 380	< 600	< 250	< 5.3
BROMOMETHANE	< 400	< 750	< 600	< 250	< 5.3
CARBON DISULFIDE	< 400	< 380	< 600	< 250	< 5.3
CARBON TETRACHLORIDE	< 400	< 380	< 600	< 250	< 5.3
CHLOROBENZENE	< 400	< 380	< 600	< 250	< 5.3
CHLOROETHANE	< 400	< 750	< 600	< 250	< 5.3
CHLOROFORM	< 400	< 380	< 600	< 250	< 5.3
CHLOROMETHANE	< 400	< 750	< 600	< 250	< 5.3
CIS-1,2-DICHLOROETHENE	500	510	370	1200	< 2.7
CIS-1,3-DICHLOROPROPENE	< 400	< 380	< 600	< 250	< 5.3
CYCLOHEXANE	< 810		< 1200	< 490	< 11
DIBROMOCHLOROMETHANE	< 400	< 380	< 600	< 250	< 5.3
DICHLORODIFLUOROMETHANE	< 400		< 600	< 250	< 5.3
ETHYLBENZENE	< 400	< 380	< 600	< 250	< 5.3
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE	< 400		< 600	< 250	< 5.3
METHYL ACETATE	120 J B u		< 1200	93 J B u	< 11
METHYL TERT-BUTYL ETHER	< 1600		< 2400	< 980	< 21
METHYLCYCLOHEXANE	< 810		< 1200	< 490	< 11
METHYLENE CHLORIDE	< 400	< 380	< 600	< 250	2.6 J B u
NAPHTHALENE					
N-HEXANE		< 380			
STYRENE	< 400	< 380	< 600	< 250	< 5.3
TETRACHLOROETHENE	860	< 380	< 600	< 250	< 5.3
TOLUENE	< 400	< 380	< 600	< 250	0.54 J
TRANS-1,2-DICHLOROETHENE	< 200	< 190	< 300	< 120	< 2.7
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 400	< 380	< 600	< 250	< 5.3
TRICHLOROETHENE	14000	11000	9500	140 J	< 5.3
TRICHLOROFLUOROMETHANE	< 400		< 600	< 250	< 5.3
VINYL CHLORIDE	< 400	< 750	< 600	< 250	7.8
XYLENES (TOTAL)	< 400	< 750	< 600	< 250	< 5.3

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-053 / 00-02 1999-04-13 Soil SW5035 µg/kg	GP01-053 / 04-06 1999-04-13 Soil SW5035 µg/kg	GP01-053 / 08-10 1999-04-13 Soil SW5035 µg/kg	GP01-054 / 00-02 1999-04-13 Soil SW5035 µg/kg	GP01-054 / 04-06 1999-04-13 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 4.2	< 4	< 180	< 4.2	< 4
1,1,2,2-TETRACHLOROETHANE	< 4.2	< 4	< 180	< 4.2	< 4
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 4.2	< 4	< 180	< 4.2	< 4
1,1-DICHLOROETHANE	< 4.2	< 4	< 180	< 4.2	< 4
1,1-DICHLOROETHENE	< 4.2	< 4	< 180	< 4.2	< 4
1,2,4-TRICHLOROBENZENE					
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	< 4.2	< 4	< 180	< 4.2	< 4
1,2-DICHLOROETHENE (TOTAL)	< 4.2	< 4	< 180	< 4.2	< 4
1,2-DICHLOROPROPANE	< 4.2	< 4	< 180	< 4.2	< 4
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	< 17	< 16	< 730	< 17	< 16
2-HEXANONE	< 17	< 16	< 730	< 17	< 16
4-METHYL-2-PENTANONE	< 17	< 16	< 730	< 17	< 16
ACETONE	< 17	< 16	< 730	< 17	< 16
BENZENE	< 4.2	< 4	< 180	< 4.2	< 4
BROMODICHLOROMETHANE	< 4.2	< 4	< 180	< 4.2	< 4
BROMOFORM	< 4.2	< 4	< 180	< 4.2	< 4
BROMOMETHANE	< 8.5	< 8.1	< 360	< 8.5	< 8
CARBON DISULFIDE	< 4.2	< 4	< 180	< 4.2	< 4
CARBON TETRACHLORIDE	< 4.2	< 4	< 180	< 4.2	< 4
CHLOROBENZENE	< 4.2	< 4	< 180	< 4.2	< 4
CHLOROETHANE	< 8.5	< 8.1	< 360	< 8.5	< 8
CHLOROFORM	< 4.2	< 4	< 180	< 4.2	< 4
CHLOROMETHANE	< 8.5	< 8.1	< 360	< 8.5	< 8
CIS-1,2-DICHLOROETHENE	< 2.1	< 2	< 91	< 2.1	< 2
CIS-1,3-DICHLOROPROPENE	< 4.2	< 4	< 180	< 4.2	< 4
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 4.2	< 4	< 180	< 4.2	< 4
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 4.2	< 4	< 180	< 4.2	< 4
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 4.2	< 4	< 180	< 4.2	< 4
NAPHTHALENE					
N-HEXANE	< 4.2	< 4	< 180	< 4.2	< 4
STYRENE	< 4.2	< 4	< 180	< 4.2	< 4
TETRACHLOROETHENE	< 4.2	63 j	380	< 4.2	< 4
TOLUENE	< 4.2	< 4	< 180	< 4.2	< 4
TRANS-1,2-DICHLOROETHENE	< 2.1	< 2	< 91	< 2.1	< 2
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 4.2	< 4	< 180	< 4.2	< 4
TRICHLOROETHENE	< 4.2	< 4	180	< 4.2	< 4
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 8.5	< 8.1	< 360	< 8.5	< 8
XYLENES (TOTAL)	< 8.5	< 8.1	< 360	< 8.5	< 8

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-054 / 08-10 1999-04-13 Soil SW5035 µg/kg	GP01-055 / 00-02 CONF 2004-02-02 Soil SW5035 µg/kg	GP01-055 / 00-02 1999-04-13 Soil SW5035 µg/kg	GP01-055 / 04-06 CONF DUP 2004-02-02 Soil SW5035 µg/kg	GP01-055 / 04-06 CONF 2004-02-02 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 3.9	< 4500	< 280	< 600	< 420
1,1,2,2-TETRACHLOROETHANE	< 3.9	< 4500	< 280	< 600	< 420
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE		< 4500		< 600	< 420
1,1,2-TRICHLOROETHANE	< 3.9	< 4500	< 280	< 600	< 420
1,1-DICHLOROETHANE	< 3.9	< 4500	< 280	< 600	< 420
1,1-DICHLOROETHENE	< 3.9	< 4500	< 280	< 600	< 420
1,2,4-TRICHLOROBENZENE		< 4500		< 600	< 420
1,2-DIBROMO-3-CHLOROPROPANE		< 8900		< 1200	< 840
1,2-DIBROMOETHANE		< 4500		< 600	< 420
1,2-DICHLOROBENZENE		< 4500		< 600	< 420
1,2-DICHLOROETHANE	< 3.9	< 4500	< 280	< 600	< 420
1,2-DICHLOROETHENE (TOTAL)	< 3.9		3100		
1,2-DICHLOROPROPANE	4.1 j	< 4500	< 280	< 600	< 420
1,3-DICHLOROBENZENE		< 4500		< 600	< 420
1,4-DICHLOROBENZENE		< 4500		< 600	< 420
2-BUTANONE	< 16	< 18000	< 1100	< 2400	< 1700
2-HEXANONE	< 16	< 18000	< 1100	< 2400	< 1700
4-METHYL-2-PENTANONE	< 16	< 18000	< 1100	< 2400	< 1700
ACETONE	< 16	< 18000	< 1100	510 J	< 1700
BENZENE	< 3.9	< 4500	< 280	< 600	< 420
BROMODICHLOROMETHANE	< 3.9	< 4500	< 280	< 600	< 420
BROMOFORM	< 3.9	< 4500	< 280	< 600	< 420
BROMOMETHANE	< 7.8	< 4500	< 570	< 600	< 420
CARBON DISULFIDE	< 3.9	< 4500	< 280	< 600	< 420
CARBON TETRACHLORIDE	< 3.9	< 4500	< 280	< 600	< 420
CHLOROBENZENE	< 3.9	< 4500	< 280	< 600	< 420
CHLOROETHANE	< 7.8	< 4500	< 570	< 600	< 420
CHLOROFORM	< 3.9	< 4500	< 280	< 600	< 420
CHLOROMETHANE	< 7.8	< 4500	< 570	< 600	< 420
CIS-1,2-DICHLOROETHENE	< 2	600 J	3100	170 J	220
CIS-1,3-DICHLOROPROPENE	< 3.9	< 4500	< 280	< 600	< 420
CYCLOHEXANE		< 8900		< 1200	< 840
DIBROMOCHLOROMETHANE	< 3.9	< 4500	< 280	< 600	< 420
DICHLORODIFLUOROMETHANE		< 4500		< 600	< 420
ETHYLBENZENE	< 3.9	< 4500	< 280	< 600	< 420
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE		< 4500		< 600	< 420
METHYL ACETATE		< 8900		< 1200	< 840
METHYL TERT-BUTYL ETHER		< 18000		< 2400	< 1700
METHYLCYCLOHEXANE		< 8900		< 1200	< 840
METHYLENE CHLORIDE	< 3.9	2300 J	< 280	320 J	< 420
NAPHTHALENE					
N-HEXANE	< 3.9		< 280		
STYRENE	< 3.9	< 4500	< 280	< 600	< 420
TETRACHLOROETHENE	< 3.9	82000	8200	9800	15000
TOLUENE	< 3.9	< 4500	< 280	< 600	< 420
TRANS-1,2-DICHLOROETHENE	< 2	< 2200	< 140	< 300	< 210
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 3.9	< 4500	< 280	< 600	< 420
TRICHLOROETHENE	4.7 j	2200 J	1800	310 J	440
TRICHLOROFLUOROMETHANE		< 4500		< 600	< 420
VINYL CHLORIDE	< 7.8	< 4500	< 570	< 600	< 420
XYLENES (TOTAL)	< 7.8	< 4500	< 570	< 600	< 420

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-055 / 04-06 1999-04-13 Soil SW5035 µg/kg	GP01-055 / 08-10 CONF 2004-02-02 Soil SW5035 µg/kg	GP01-055 / 08-10 1999-04-13 Soil SW5035 µg/kg	GP01-056A / 16-18 1999-04-24 Soil SW5035 µg/kg	GP01-057 / 15-16 1999-04-15 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 560	< 1000	< 1800	< 3.7	< 3.8
1,1,2,2-TETRACHLOROETHANE	< 560	< 1000	< 1800	< 3.7	< 3.8
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE		< 1000			
1,1,2-TRICHLOROETHANE	< 560	< 1000	< 1800	< 3.7	< 3.8
1,1-DICHLOROETHANE	< 560	< 1000	< 1800	< 3.7	< 3.8
1,1-DICHLOROETHENE	< 560	< 1000	< 1800	< 3.7	< 3.8
1,2,4-TRICHLOROBENZENE		< 1000			
1,2-DIBROMO-3-CHLOROPROPANE		< 2000			
1,2-DIBROMOETHANE		< 1000			
1,2-DICHLOROBENZENE		< 1000			
1,2-DICHLOROETHANE	< 560	< 1000	< 1800	< 3.7	< 3.8
1,2-DICHLOROETHENE (TOTAL)	3500		< 1800	< 3.7	< 3.8
1,2-DICHLOROPROPANE	< 560	< 1000	< 1800	< 3.7	< 3.8
1,3-DICHLOROBENZENE		< 1000			
1,4-DICHLOROBENZENE		< 1000			
2-BUTANONE	< 2200	< 4100	< 7300	< 15	< 15
2-HEXANONE	< 2200	< 4100	< 7300	< 15	< 15
4-METHYL-2-PENTANONE	< 2200	< 4100	< 7300	< 15	< 15
ACETONE	< 2200	< 4100	< 7300	< 15	< 15
BENZENE	< 560	< 1000	< 1800	< 3.7	< 3.8
BROMODICHLOROMETHANE	< 560	< 1000	< 1800	< 3.7	< 3.8
BROMOFORM	< 560	< 1000	< 1800	< 3.7	< 3.8
BROMOMETHANE	< 1100	< 1000	< 3600	< 7.4	< 7.6
CARBON DISULFIDE	< 560	< 1000	< 1800	< 3.7	< 3.8
CARBON TETRACHLORIDE	< 560	< 1000	< 1800	< 3.7	< 3.8
CHLOROBENZENE	< 560	< 1000	< 1800	< 3.7	< 3.8
CHLOROETHANE	< 1100	< 1000	< 3600	< 7.4	< 7.6
CHLOROFORM	< 560	< 1000	< 1800	< 3.7	< 3.8
CHLOROMETHANE	< 1100	< 1000	< 3600	< 7.4	< 7.6
CIS-1,2-DICHLOROETHENE	3500	170 J	< 910	< 1.8	< 1.9
CIS-1,3-DICHLOROPROPENE	< 560	< 1000	< 1800	< 3.7	< 3.8
CYCLOHEXANE		< 2000			
DIBROMOCHLOROMETHANE	< 560	< 1000	< 1800	< 3.7	< 3.8
DICHLORODIFLUOROMETHANE		< 1000			
ETHYLBENZENE	< 560	< 1000	< 1800	< 3.7	< 3.8
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE		< 1000			
METHYL ACETATE		280 J B u			
METHYL TERT-BUTYL ETHER		< 4100			
METHYLCYCLOHEXANE		< 2000			
METHYLENE CHLORIDE	< 560	< 1000	< 1800	< 3.7	< 3.8
NAPHTHALENE					
N-HEXANE	< 560		< 1800	< 3.7	< 3.8
STYRENE	< 560	< 1000	< 1800	< 3.7	< 3.8
TETRACHLOROETHENE	13000	42000	51000	< 3.7	< 3.8
TOLUENE	< 560	< 1000	< 1800	< 3.7	< 3.8
TRANS-1,2-DICHLOROETHENE	< 280	< 510	< 910	< 1.8	< 1.9
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 560	< 1000	< 1800	< 3.7	< 3.8
TRICHLOROETHENE	1100	300 J	< 1800	< 3.7	< 3.8
TRICHLOROFLUOROMETHANE		< 1000			
VINYL CHLORIDE	< 1100	< 1000	< 3600	< 7.4	< 7.6
XYLENES (TOTAL)	< 1100	< 1000	< 3600	< 7.4	< 7.6

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-058 / 14-16 1999-04-24 Soil SW5035 µg/kg	GP01-059 / 00-02 1999-04-14 Soil SW5035 µg/kg	GP01-059 / 04-06 1999-04-14 Soil SW5035 µg/kg	GP01-059 / 08-10 1999-04-14 Soil SW5035 µg/kg	GP01-059 / 12-14 DUP 2004-02-03 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 3.8	< 4.4	< 190	< 180	< 6.4
1,1,2,2-TETRACHLOROETHANE	< 3.8	< 4.4	< 190	< 180	< 6.4
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					< 6.4
1,1,2-TRICHLOROETHANE	< 3.8	< 4.4	< 190	< 180	< 6.4
1,1-DICHLOROETHANE	< 3.8	< 4.4	< 190	< 180	< 6.4
1,1-DICHLOROETHENE	< 3.8	< 4.4	< 190	< 180	< 6.4
1,2,4-TRICHLOROBENZENE					0.49 J B u
1,2-DIBROMO-3-CHLOROPROPANE					< 13
1,2-DIBROMOETHANE					< 6.4
1,2-DICHLOROBENZENE					< 6.4
1,2-DICHLOROETHANE	< 3.8	< 4.4	< 190	< 180	< 6.4
1,2-DICHLOROETHENE (TOTAL)	< 3.8	< 4.4	< 190	< 180	
1,2-DICHLOROPROPANE	< 3.8	< 4.4	< 190	< 180	< 6.4
1,3-DICHLOROBENZENE					< 6.4
1,4-DICHLOROBENZENE					< 6.4
2-BUTANONE	< 15	< 18	< 770	< 730	< 26
2-HEXANONE	< 15	< 18	< 770	< 730	< 26
4-METHYL-2-PENTANONE	< 15	< 18	< 770	< 730	< 26
ACETONE	< 15	< 18	< 770	< 730	< 26
BENZENE	< 3.8	< 4.4	< 190	< 180	< 6.4
BROMODICHLOROMETHANE	< 3.8	< 4.4	< 190	< 180	< 6.4
BROMOFORM	< 3.8	< 4.4	< 190	< 180	< 6.4
BROMOMETHANE	< 7.6	< 8.9	< 380	< 360	< 6.4
CARBON DISULFIDE	< 3.8	< 4.4	< 190	< 180	< 6.4
CARBON TETRACHLORIDE	< 3.8	< 4.4	< 190	< 180	< 6.4
CHLOROBENZENE	< 3.8	< 4.4	< 190	< 180	< 6.4
CHLOROETHANE	< 7.6	< 8.9	< 380	< 360	< 6.4
CHLOROFORM	< 3.8	< 4.4	< 190	< 180	< 6.4
CHLOROMETHANE	< 7.6	< 8.9	< 380	< 360	< 6.4
CIS-1,2-DICHLOROETHENE	< 1.9	< 2.2	< 96	< 91	2.7 J
CIS-1,3-DICHLOROPROPENE	< 3.8	< 4.4	< 190	< 180	< 6.4
CYCLOHEXANE					< 13
DIBROMOCHLOROMETHANE	< 3.8	< 4.4	< 190	< 180	< 6.4
DICHLORODIFLUOROMETHANE					< 6.4
ETHYLBENZENE	< 3.8	< 4.4	< 190	< 180	< 6.4
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE					< 6.4
METHYL ACETATE					< 13
METHYL TERT-BUTYL ETHER					< 26
METHYLCYCLOHEXANE					< 13
METHYLENE CHLORIDE	< 3.8	< 4.4	< 190	< 180	3.7 J B u
NAPHTHALENE					
N-HEXANE	< 3.8	< 4.4	< 190	< 180	
STYRENE	< 3.8	< 4.4	< 190	< 180	< 6.4
TETRACHLOROETHENE	< 3.8	8.1	320	1600	9.1
TOLUENE	< 3.8	< 4.4	< 190	< 180	< 6.4
TRANS-1,2-DICHLOROETHENE	< 1.9	< 2.2	< 96	< 91	< 3.2
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 3.8	< 4.4	< 190	< 180	< 6.4
TRICHLOROETHENE	< 3.8	< 4.4	< 190	< 180	3.1 J
TRICHLOROFLUOROMETHANE					< 6.4
VINYL CHLORIDE	< 7.6	< 8.9	< 380	< 360	< 6.4
XYLENES (TOTAL)	< 7.6	< 8.9	< 380	< 360	< 6.4

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-059 / 12-14 2004-02-03 Soil SW5035 µg/kg	GP01-059 / 16-18 DUP 2004-02-03 Soil SW5035 µg/kg	GP01-059 / 16-18 2004-02-03 Soil SW5035 µg/kg	GP01-060 / 00-02 1999-04-15 Soil SW5035 µg/kg	GP01-060 / 02-04 1999-04-15 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 6.5	< 390	< 6	< 4.4 uj	< 4.2 uj
1,1,2,2-TETRACHLOROETHANE	< 6.5	< 390	< 6	< 4.4 uj	< 4.2 uj
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.96 J	4600	1.3 J		
1,1,2-TRICHLOROETHANE	< 6.5	< 390	< 6	< 4.4 uj	< 4.2 uj
1,1-DICHLOROETHANE	< 6.5	< 390	1.9 J	< 4.4 uj	< 4.2 uj
1,1-DICHLOROETHENE	< 6.5	< 390	< 6	< 4.4 uj	< 4.2 uj
1,2,4-TRICHLOROBENZENE	< 6.5	< 390	< 6		
1,2-DIBROMO-3-CHLOROPROPANE	< 13	< 770	< 12		
1,2-DIBROMOETHANE	< 6.5	< 390	< 6		
1,2-DICHLOROBENZENE	< 6.5	< 390	< 6		
1,2-DICHLOROETHANE	< 6.5	< 390	< 6	< 4.4 uj	< 4.2 uj
1,2-DICHLOROETHENE (TOTAL)				< 4.4 uj	< 4.2 uj
1,2-DICHLOROPROPANE	< 6.5	< 390	0.83 J	< 4.4 uj	< 4.2 uj
1,3-DICHLOROBENZENE	< 6.5	< 390	< 6		
1,4-DICHLOROBENZENE	< 6.5	< 390	< 6		
2-BUTANONE	< 26	< 1500	2.7 J	< 18 uj	< 17 uj
2-HEXANONE	< 26	< 1500	< 24	< 18 uj	< 17 uj
4-METHYL-2-PENTANONE	< 26	< 1500	< 24	< 18 uj	< 17 uj
ACETONE	< 26	< 1500	11 J	< 18 uj	< 17 uj
BENZENE	< 6.5	< 390	< 6	< 4.4 uj	< 4.2 uj
BROMODICHLOROMETHANE	< 6.5	< 390	< 6	< 4.4 uj	< 4.2 uj
BROMOFORM	< 6.5	< 390	< 6	< 4.4 uj	< 4.2 uj
BROMOMETHANE	< 6.5	< 390	< 6	< 8.8 uj	< 8.3 uj
CARBON DISULFIDE	< 6.5	< 390	< 6	< 4.4 uj	< 4.2 uj
CARBON TETRACHLORIDE	< 6.5	< 390	< 6	< 4.4 uj	< 4.2 uj
CHLOROBENZENE	< 6.5	< 390	< 6	< 4.4 uj	< 4.2 uj
CHLOROETHANE	< 6.5	< 390	< 6	< 8.8 uj	< 8.3 uj
CHLOROFORM	< 6.5	< 390	< 6	< 4.4 uj	< 4.2 uj
CHLOROMETHANE	< 6.5	55 J	< 6	< 8.8 uj	< 8.3 uj
CIS-1,2-DICHLOROETHENE	1.4 J	< 190	3.4	< 2.2 uj	< 2.1 uj
CIS-1,3-DICHLOROPROPENE	< 6.5	< 390	< 6	< 4.4 uj	< 4.2 uj
CYCLOHEXANE	< 13	< 770	< 12		
DIBROMOCHLOROMETHANE	< 6.5	< 390	< 6	< 4.4 uj	< 4.2 uj
DICHLORODIFLUOROMETHANE	< 6.5	< 390	< 6		
ETHYLBENZENE	< 6.5	< 390	< 6	< 4.4 uj	< 4.2 uj
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE	< 6.5	< 390	< 6		
METHYL ACETATE	< 13	< 770	< 12		
METHYL TERT-BUTYL ETHER	< 26	< 1500	< 24		
METHYLCYCLOHEXANE	< 13	< 770	< 12		
METHYLENE CHLORIDE	4.2 J B u	210 J	4.8 J B u	< 4.4 uj	< 4.2 uj
NAPHTHALENE					
N-HEXANE				< 4.4 uj	< 4.2 uj
STYRENE	< 6.5	< 390	< 6	< 4.4 uj	< 4.2 uj
TETRACHLOROETHENE	67	1600	2.6 J	< 4.4 uj	< 4.2 uj
TOLUENE	< 6.5	< 390	1.2 J	< 4.4 uj	< 4.2 uj
TRANS-1,2-DICHLOROETHENE	< 3.3	< 190	< 3	< 2.2 uj	< 2.1 uj
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 6.5	< 390	< 6	< 4.4 uj	< 4.2 uj
TRICHLOROETHENE	5.3 J	850	5 J	< 4.4 uj	< 4.2 uj
TRICHLOROFLUOROMETHANE	< 6.5	< 390	< 6		
VINYL CHLORIDE	< 6.5	< 390	< 6	< 8.8 uj	< 8.3 uj
XYLENES (TOTAL)	< 6.5	< 390	< 6	< 8.8 uj	< 8.3 uj

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-061 / 00-02 1999-04-15 Soil SW5035 µg/kg	GP01-061 / 02-04 1999-04-15 Soil SW5035 µg/kg	GP01-062 / 00-02 1999-04-15 Soil SW5035 µg/kg	GP01-062 / 02-04 1999-04-15 Soil SW5035 µg/kg	GP01-063 / 00-02 1999-04-14 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 4.2 uj	< 4.3	< 4	< 4.4	< 4.4 uj
1,1,2,2-TETRACHLOROETHANE	< 4.2 uj	< 4.3	< 4	< 4.4	< 4.4 uj
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 4.2 uj	< 4.3	< 4	< 4.4	< 4.4 uj
1,1-DICHLOROETHANE	< 4.2 uj	< 4.3	< 4	< 4.4	< 4.4 uj
1,1-DICHLOROETHENE	< 4.2 uj	< 4.3	< 4	< 4.4	< 4.4 uj
1,2,4-TRICHLOROBENZENE					
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	< 4.2 uj	< 4.3	< 4	< 4.4	< 4.4 uj
1,2-DICHLOROETHENE (TOTAL)	< 4.2 uj	< 4.3	< 4	< 4.4	< 4.4 uj
1,2-DICHLOROPROPANE	< 4.2 uj	< 4.3	< 4	< 4.4	< 4.4 uj
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	< 17 uj	< 17	< 16	< 18	< 18 uj
2-HEXANONE	< 17 uj	< 17	< 16	< 18	< 18 uj
4-METHYL-2-PENTANONE	< 17 uj	< 17	< 16	< 18	< 18 uj
ACETONE	< 17 uj	< 17	< 16	< 18	< 18 uj
BENZENE	< 4.2 uj	< 4.3	< 4	< 4.4	< 4.4 uj
BROMODICHLOROMETHANE	< 4.2 uj	< 4.3	< 4	< 4.4	< 4.4 uj
BROMOFORM	< 4.2 uj	< 4.3	< 4	< 4.4	< 4.4 uj
BROMOMETHANE	< 8.5 uj	< 8.6	< 7.9	< 8.8	< 8.8 uj
CARBON DISULFIDE	< 4.2 uj	< 4.3	< 4	< 4.4	< 4.4 uj
CARBON TETRACHLORIDE	< 4.2 uj	< 4.3	< 4	< 4.4	< 4.4 uj
CHLOROBENZENE	< 4.2 uj	< 4.3	< 4	< 4.4	< 4.4 uj
CHLOROETHANE	< 8.5 uj	< 8.6	< 7.9	< 8.8	< 8.8 uj
CHLOROFORM	< 4.2 uj	< 4.3	< 4	< 4.4	< 4.4 uj
CHLOROMETHANE	< 8.5 uj	< 8.6	< 7.9	< 8.8	< 8.8 uj
CIS-1,2-DICHLOROETHENE	< 2.1 uj	< 2.2	< 2	< 2.2	< 2.2 uj
CIS-1,3-DICHLOROPROPENE	< 4.2 uj	< 4.3	< 4	< 4.4	< 4.4 uj
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 4.2 uj	< 4.3	< 4	< 4.4	< 4.4 uj
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 4.2 uj	< 4.3	< 4	< 4.4	< 4.4 uj
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 4.2 uj	< 4.3	< 4	< 4.4	< 4.4 uj
NAPHTHALENE					
N-HEXANE	< 4.2 uj	< 4.3	< 4	< 4.4	< 4.4 uj
STYRENE	< 4.2 uj	< 4.3	< 4	< 4.4	< 4.4 uj
TETRACHLOROETHENE	< 4.2 uj	< 4.3	< 4	< 4.4	45 j
TOLUENE	< 4.2 uj	< 4.3	< 4	< 4.4	< 4.4 uj
TRANS-1,2-DICHLOROETHENE	< 2.1 uj	< 2.2	< 2	< 2.2	< 2.2 uj
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 4.2 uj	< 4.3	< 4	< 4.4	< 4.4 uj
TRICHLOROETHENE	< 4.2 uj	< 4.3	< 4	< 4.4	< 4.4 uj
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 8.5 uj	< 8.6	< 7.9	< 8.8	< 8.8 uj
XYLENES (TOTAL)	< 8.5 uj	< 8.6	< 7.9	< 8.8	< 8.8 uj

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-063 / 04-06 1999-04-14 Soil SW5035 µg/kg	GP01-063 / 08-10 1999-04-14 Soil SW5035 µg/kg	GP01-064 / 00-02 1999-04-25 Soil SW5035 µg/kg	GP01-064 / 04-06 1999-04-25 Soil SW5035 µg/kg	GP01-064 / 08-10 1999-04-25 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 220	< 4 uj	< 4.4	< 4.3	< 4.1
1,1,2,2-TETRACHLOROETHANE	< 220	< 4 uj	< 4.4	< 4.3	< 4.1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 220	< 4 uj	< 4.4	< 4.3	< 4.1
1,1-DICHLOROETHANE	< 220	< 4 uj	< 4.4	< 4.3	< 4.1
1,1-DICHLOROETHENE	< 220	< 4 uj	< 4.4	< 4.3	< 4.1
1,2,4-TRICHLOROBENZENE					
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	< 220	< 4 uj	< 4.4	< 4.3	< 4.1
1,2-DICHLOROETHENE (TOTAL)	< 220	< 4 uj	< 4.4	6	15 j
1,2-DICHLOROPROPANE	< 220	< 4 uj	< 4.4	< 4.3	< 4.1
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	< 870	< 760 uj	< 18	< 17	< 16
2-HEXANONE	< 870	< 760 uj	< 18	< 17	< 16
4-METHYL-2-PENTANONE	< 870	< 760 uj	< 18	< 17	< 16
ACETONE	< 870	< 760 uj	< 18	< 17	< 16
BENZENE	< 220	< 4 uj	< 4.4	< 4.3	< 4.1
BROMODICHLOROMETHANE	< 220	< 4 uj	< 4.4	< 4.3	< 4.1
BROMOFORM	< 220	< 4 uj	< 4.4	< 4.3	< 4.1
BROMOMETHANE	< 440	< 8.1 uj	< 8.8	< 8.6	< 8.2
CARBON DISULFIDE	< 220	< 4 uj	< 4.4	< 4.3	< 4.1
CARBON TETRACHLORIDE	< 220	< 4 uj	< 4.4	< 4.3	< 4.1
CHLOROBENZENE	< 220	< 4 uj	< 4.4	< 4.3	< 4.1
CHLOROETHANE	< 440	< 8.1 uj	< 8.8	< 8.6	< 8.2
CHLOROFORM	< 220	< 4 uj	< 4.4	< 4.3	< 4.1
CHLOROMETHANE	< 440	< 8.1 uj	< 8.8	< 8.6	< 8.2
CIS-1,2-DICHLOROETHENE	< 110	< 95 uj	< 2.2	5.1	10 j
CIS-1,3-DICHLOROPROPENE	< 220	< 4 uj	< 4.4	< 4.3	< 4.1
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 220	< 4 uj	< 4.4	< 4.3	< 4.1
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 220	< 4 uj	< 4.4	< 4.3	< 4.1
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 220	< 4 uj	< 4.4	< 4.3	< 4.1
NAPHTHALENE					
N-HEXANE	< 220	< 4 uj	< 4.4	< 4.3	< 4.1
STYRENE	< 220	< 4 uj	< 4.4	< 4.3	< 4.1
TETRACHLOROETHENE	1200	340 E j	< 4.4	< 4.3	25 j
TOLUENE	< 220	< 4 uj	< 4.4	< 4.3	< 4.1
TRANS-1,2-DICHLOROETHENE	< 110	< 95 uj	< 2.2	< 2.2	4.3 j
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 220	< 4 uj	< 4.4	< 4.3	< 4.1
TRICHLOROETHENE	< 220	< 4 uj	< 4.4	< 4.3	< 4.1
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 440	< 8.1 uj	< 8.8	< 8.6	< 8.2
XYLENES (TOTAL)	< 440	< 8.1 uj	< 8.8	< 8.6	< 8.2

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-065 / 00-02 1999-04-25 Soil SW5035 µg/kg	GP01-065 / 04-06 1999-04-25 Soil SW5035 µg/kg	GP01-065 / 08-10 1999-04-25 Soil SW5035 µg/kg	GP01-066 / 02-04 1999-04-25 Soil SW5030 µg/kg	GP01-067 / 00-02 1999-04-24 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 4	< 4.4 uj	< 4.4 uj	< 5	< 4.5
1,1,2,2-TETRACHLOROETHANE	< 4	< 4.4 uj	< 4.4 uj	< 5	< 4.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 4	< 4.4 uj	< 4.4 uj	< 5	< 4.5
1,1-DICHLOROETHANE	< 4	< 4.4 uj	< 4.4 uj	< 5	< 4.5
1,1-DICHLOROETHENE	< 4	< 4.4 uj	< 4.4 uj	< 5	< 4.5
1,2,4-TRICHLOROBENZENE					
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	< 4	< 4.4 uj	< 4.4 uj	< 5	< 4.5
1,2-DICHLOROETHENE (TOTAL)	< 4	< 4.4 uj	< 4.4 uj	< 5	< 4.5
1,2-DICHLOROPROPANE	< 4	< 4.4 uj	< 4.4 uj	< 5	< 4.5
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	< 16	< 18 uj	< 18 uj	< 20	< 18
2-HEXANONE	< 16	< 18 uj	< 18 uj	< 20	< 18
4-METHYL-2-PENTANONE	< 16	< 18 uj	< 18 uj	< 20	< 18
ACETONE	< 16	< 18 uj	< 18 uj	< 20	< 18
BENZENE	< 4	< 4.4 uj	< 4.4 uj	< 5	< 4.5
BROMODICHLOROMETHANE	< 4	< 4.4 uj	< 4.4 uj	< 5	< 4.5
BROMOFORM	< 4	< 4.4 uj	< 4.4 uj	< 5	< 4.5
BROMOMETHANE	< 7.9	< 8.8 uj	< 8.8 uj	< 10	< 9
CARBON DISULFIDE	< 4	< 4.4 uj	< 4.4 uj	< 5	< 4.5
CARBON TETRACHLORIDE	< 4	< 4.4 uj	< 4.4 uj	< 5	< 4.5
CHLOROBENZENE	< 4	< 4.4 uj	< 4.4 uj	< 5	< 4.5
CHLOROETHANE	< 7.9	< 8.8 uj	< 8.8 uj	< 10	< 9
CHLOROFORM	< 4	< 4.4 uj	< 4.4 uj	< 5	< 4.5
CHLOROMETHANE	< 7.9	< 8.8 uj	< 8.8 uj	< 10	< 9
CIS-1,2-DICHLOROETHENE	< 2	< 2.2 uj	< 2.2 uj	< 2.5	< 2.2
CIS-1,3-DICHLOROPROPENE	< 4	< 4.4 uj	< 4.4 uj	< 5	< 4.5
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 4	< 4.4 uj	< 4.4 uj	< 5	< 4.5
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 4	< 4.4 uj	< 4.4 uj	< 5	< 4.5
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 4	< 4.4 uj	< 4.4 uj	< 5	< 4.5
NAPHTHALENE					
N-HEXANE	< 4	< 4.4 uj	< 4.4 uj	< 5	< 4.5
STYRENE	< 4	< 4.4 uj	< 4.4 uj	< 5	< 4.5
TETRACHLOROETHENE	< 4	< 4.4 uj	< 4.4 uj	< 5	11
TOLUENE	< 4	< 4.4 uj	< 4.4 uj	< 5	< 4.5
TRANS-1,2-DICHLOROETHENE	< 2	< 2.2 uj	< 2.2 uj	< 2.5	< 2.2
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 4	< 4.4 uj	< 4.4 uj	< 5	< 4.5
TRICHLOROETHENE	< 4	< 4.4 uj	< 4.4 uj	< 5	< 4.5
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 7.9	< 8.8 uj	< 8.8 uj	< 10	< 9
XYLENES (TOTAL)	< 7.9	< 8.8 uj	< 8.8 uj	< 5	< 9

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-067 / 04-06 1999-04-24 Soil SW5035 µg/kg	GP01-067 / 08-10 1999-04-24 Soil SW5035 µg/kg	GP01-068 / 00-02 1999-04-25 Soil SW5030 µg/kg	GP01-068 / 04-06 1999-04-25 Soil SW5035 µg/kg	GP01-068 / 08-10 1999-04-25 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 4.2	< 200	< 5	< 220	< 200
1,1,2,2-TETRACHLOROETHANE	< 4.2	< 200	< 5	< 220	< 200
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 4.2	< 200	< 5	< 220	< 200
1,1-DICHLOROETHANE	< 4.2	< 200	< 5	< 220	< 200
1,1-DICHLOROETHENE	< 4.2	< 200	< 5	< 220	< 200
1,2,4-TRICHLOROBENZENE					
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	< 4.2	< 200	< 5	< 220	< 200
1,2-DICHLOROETHENE (TOTAL)	21	230	< 5	270	6500
1,2-DICHLOROPROPANE	< 4.2	< 200	< 5	< 220	< 200
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	< 17	< 820	< 20	< 900	< 810
2-HEXANONE	< 17	< 820	< 20	< 900	< 810
4-METHYL-2-PENTANONE	< 17	< 820	< 20	< 900	< 810
ACETONE	< 17	< 820	< 20	< 900	< 810
BENZENE	< 4.2	< 200	< 5	< 220	< 200
BROMODICHLOROMETHANE	< 4.2	< 200	< 5	< 220	< 200
BROMOFORM	< 4.2	< 200	< 5	< 220	< 200
BROMOMETHANE	< 8.5	< 410	< 10	< 450	< 400
CARBON DISULFIDE	< 4.2	< 200	< 5	< 220	< 200
CARBON TETRACHLORIDE	< 4.2	< 200	< 5	< 220	< 200
CHLOROBENZENE	< 4.2	< 200	< 5	< 220	< 200
CHLOROETHANE	< 8.5	< 410	< 10	< 450	< 400
CHLOROFORM	< 4.2	< 200	< 5	< 220	< 200
CHLOROMETHANE	< 8.5	< 410	< 10	< 450	< 400
CIS-1,2-DICHLOROETHENE	20	230	< 2.5	270	6500
CIS-1,3-DICHLOROPROPENE	< 4.2	< 200	< 5	< 220	< 200
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 4.2	< 200	< 5	< 220	< 200
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 4.2	< 200	< 5	< 220	< 200
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 4.2	< 200	< 5	< 220	< 200
NAPHTHALENE					
N-HEXANE	< 4.2	< 200	< 5	< 220	< 200
STYRENE	< 4.2	< 200	< 5	< 220	< 200
TETRACHLOROETHENE	< 4.2	< 200	59	< 220	< 200
TOLUENE	< 4.2	< 200	< 5	< 220	< 200
TRANS-1,2-DICHLOROETHENE	< 2.1	< 100	< 2.5	< 110	< 100
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 4.2	< 200	< 5	< 220	< 200
TRICHLOROETHENE	< 4.2	< 200	< 5	< 220	< 200
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 8.5	< 410	< 10	< 450	1000
XYLENES (TOTAL)	< 8.5	< 410	< 5	< 450	< 400

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-068 / 12-14 2004-01-27 Soil SW5035 µg/kg	GP01-068 / 17_5-18 2004-01-27 Soil SW5035 µg/kg	GP01-068 / 23-24 2004-01-27 Soil SW5035 µg/kg	GP01-069 / 00-02 1999-04-24 Soil SW5035 µg/kg	GP01-070 / 00-02 1999-04-24 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 330	< 5.7	< 5.6	< 1300	< 220
1,1,2,2-TETRACHLOROETHANE	< 330	< 5.7	< 5.6	< 1300	< 220
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 330	7.2	< 5.6		
1,1,2-TRICHLOROETHANE	< 330	< 5.7	< 5.6	< 1300	< 220
1,1-DICHLOROETHANE	< 330	< 5.7	< 5.6	< 1300	< 220
1,1-DICHLOROETHENE	< 330	< 5.7	< 5.6	< 1300	< 220
1,2,4-TRICHLOROBENZENE	< 330	< 5.7	< 5.6		
1,2-DIBROMO-3-CHLOROPROPANE	< 650	< 11	< 11		
1,2-DIBROMOETHANE	< 330	< 5.7	< 5.6		
1,2-DICHLOROBENZENE	< 330	< 5.7	< 5.6		
1,2-DICHLOROETHANE	< 330	< 5.7	< 5.6	< 1300	< 220
1,2-DICHLOROETHENE (TOTAL)				< 1300	< 220
1,2-DICHLOROPROPANE	< 330	< 5.7	< 5.6	< 1300	< 220
1,3-DICHLOROBENZENE	< 330	< 5.7	< 5.6		
1,4-DICHLOROBENZENE	< 330	< 5.7	< 5.6		
2-BUTANONE	< 1300	< 23	< 22	< 5100	< 890
2-HEXANONE	< 1300	< 23	< 22	< 5100	< 890
4-METHYL-2-PENTANONE	< 1300	< 23	< 22	< 5100	< 890
ACETONE	290 J B u	< 23	< 22	< 5100	< 890
BENZENE	< 330	< 5.7	< 5.6	< 1300	< 220
BROMODICHLOROMETHANE	< 330	< 5.7	< 5.6	< 1300	< 220
BROMOFORM	< 330	< 5.7	< 5.6	< 1300	< 220
BROMOMETHANE	< 330	< 5.7	< 5.6	< 2600	< 440
CARBON DISULFIDE	< 330	< 5.7	< 5.6	< 1300	< 220
CARBON TETRACHLORIDE	< 330	< 5.7	< 5.6	< 1300	< 220
CHLOROBENZENE	< 330	< 5.7	< 5.6	< 1300	< 220
CHLOROETHANE	< 330	< 5.7	< 5.6	< 2600	< 440
CHLOROFORM	< 330	< 5.7	< 5.6	< 1300	< 220
CHLOROMETHANE	< 330	< 5.7	< 5.6	< 2600	< 440
CIS-1,2-DICHLOROETHENE	6300	2.9	< 2.8	< 640	< 110
CIS-1,3-DICHLOROPROPENE	< 330	< 5.7	< 5.6	< 1300	< 220
CYCLOHEXANE	< 650	< 11	< 11		
DIBROMOCHLOROMETHANE	< 330	< 5.7	< 5.6	< 1300	< 220
DICHLORODIFLUOROMETHANE	< 330	< 5.7	< 5.6		
ETHYLBENZENE	< 330	< 5.7	< 5.6	< 1300	< 220
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE	< 330	< 5.7	< 5.6		
METHYL ACETATE	< 650	< 11	< 11		
METHYL TERT-BUTYL ETHER	< 1300	< 23	< 22		
METHYLCYCLOHEXANE	< 650	< 11	< 11		
METHYLENE CHLORIDE	< 330	< 5.7	< 5.6	< 1300	< 220
NAPHTHALENE					
N-HEXANE				< 1300	< 220
STYRENE	< 330	< 5.7	< 5.6	< 1300	< 220
TETRACHLOROETHENE	1800	190	< 5.6	33000	260
TOLUENE	< 330	< 5.7	< 5.6	< 1300	< 220
TRANS-1,2-DICHLOROETHENE	74 J	< 2.9	< 2.8	< 640	< 110
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 330	< 5.7	< 5.6	< 1300	< 220
TRICHLOROETHENE	4200	3.9 J	< 5.6	< 1300	< 220
TRICHLOROFLUOROMETHANE	< 330	< 5.7	< 5.6		
VINYL CHLORIDE	390	< 5.7	< 5.6	< 2600	< 440
XYLENES (TOTAL)	< 330	< 5.7	< 5.6	< 2600	< 440

See Table 9 for definitions of data qualifiers
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bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-070 / 04-06 1999-04-24 Soil SW5035 µg/kg	GP01-070 / 08-10 1999-04-24 Soil SW5035 µg/kg	GP01-070 / 14-16 1999-04-24 Soil SW5030 µg/kg	GP01-070 / 21-23 1999-04-24 Soil SW5030 µg/kg	GP01-071 / 00-02 1999-04-24 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 240	< 3400	< 21000	< 5	< 220
1,1,2,2-TETRACHLOROETHANE	< 240	< 3400	< 21000	< 5	< 220
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 240	< 3400	< 21000	< 5	< 220
1,1-DICHLOROETHANE	< 240	< 3400	< 21000 r	< 5	< 220
1,1-DICHLOROETHENE	< 240	< 3400	< 21000	< 5	< 220
1,2,4-TRICHLOROBENZENE					
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	< 240	< 3400	< 21000 r	< 5	< 220
1,2-DICHLOROETHENE (TOTAL)	300	7200	< 21000	< 5	< 220
1,2-DICHLOROPROPANE	< 240	< 3400	< 21000	< 5	< 220
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	< 960	< 14000	< 83000	< 20	< 860
2-HEXANONE	< 960	< 14000	< 83000	< 20	< 860
4-METHYL-2-PENTANONE	< 960	< 14000	< 83000	< 20	< 860
ACETONE	< 960	< 14000	< 83000	< 20	< 860
BENZENE	< 240	< 3400	< 21000	< 5	< 220
BROMODICHLOROMETHANE	< 240	< 3400	< 21000	< 5	< 220
BROMOFORM	< 240	< 3400	< 21000	< 5	< 220
BROMOMETHANE	< 480	< 6900	< 42000	< 10	< 430
CARBON DISULFIDE	< 240	< 3400	< 21000	< 5	< 220
CARBON TETRACHLORIDE	< 240	< 3400	< 21000	< 5	< 220
CHLOROBENZENE	< 240	< 3400	< 21000	< 5	< 220
CHLOROETHANE	< 480	< 6900	< 42000	< 10	< 430
CHLOROFORM	< 240	< 3400	< 21000	< 5	< 220
CHLOROMETHANE	< 480	< 6900	< 42000	< 10	< 430
CIS-1,2-DICHLOROETHENE	300	7200	< 10000	< 2.5	< 110
CIS-1,3-DICHLOROPROPENE	< 240	< 3400	< 21000	< 5	< 220
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 240	< 3400	< 21000	< 5	< 220
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	270	< 3400	< 21000	< 5	< 220
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 240	< 3400	< 21000	< 5	< 220
NAPHTHALENE					
N-HEXANE	< 240	< 3400	< 21000	< 5	< 220
STYRENE	< 240	< 3400	< 21000	< 5	< 220
TETRACHLOROETHENE	370	87000	340000	< 5	1700 j
TOLUENE	300	< 3400	< 21000	< 5	< 220
TRANS-1,2-DICHLOROETHENE	< 120	< 1700	< 10000	< 2.5	< 110
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 240	< 3400	< 21000	< 5	< 220
TRICHLOROETHENE	< 240	8000	< 21000	< 5	< 220
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 480	< 6900	< 42000	< 10	< 430
XYLENES (TOTAL)	1600	< 6900	< 21000	< 5	< 430

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-071 / 04-06 1999-04-24 Soil SW5035 µg/kg	GP01-071 / 08-10 1999-04-24 Soil SW5035 µg/kg	GP01-071 / 12-14 1999-04-24 Soil SW5030 µg/kg	GP01-071 / 18-20 1999-04-24 Soil SW5030 µg/kg	GP01-072 / 00-02 1999-04-24 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 2100	< 4100	< 16000 uj	< 5	< 220
1,1,2,2-TETRACHLOROETHANE	< 2100	< 4100	< 16000 uj	< 5	< 220
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 2100	< 4100	< 16000 uj	< 5	< 220
1,1-DICHLOROETHANE	< 2100	< 4100	< 16000 uj	< 5	< 220
1,1-DICHLOROETHENE	< 2100	< 4100	< 16000 uj	< 5	< 220
1,2,4-TRICHLOROBENZENE					
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	< 2100	< 4100	< 16000 uj	< 5	< 220
1,2-DICHLOROETHENE (TOTAL)	7800	6600	< 16000 uj	< 5	< 220
1,2-DICHLOROPROPANE	< 2100	< 4100	< 16000 uj	< 5	< 220
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	< 8500	< 16000	< 62000 uj	< 20	< 900
2-HEXANONE	< 8500	< 16000	< 62000 uj	< 20	< 900
4-METHYL-2-PENTANONE	< 8500	< 16000	< 62000 uj	< 20	< 900
ACETONE	< 8500	< 16000	< 62000 uj	< 20	< 900
BENZENE	< 2100	< 4100	< 16000 uj	< 5	< 220
BROMODICHLOROMETHANE	< 2100	< 4100	< 16000 uj	< 5	< 220
BROMOFORM	< 2100	< 4100	< 16000 uj	< 5	< 220
BROMOMETHANE	< 4200	< 8100	< 31000 uj	< 10	< 450
CARBON DISULFIDE	< 2100	< 4100	< 16000 uj	< 5	< 220
CARBON TETRACHLORIDE	< 2100	< 4100	< 16000 uj	< 5	< 220
CHLOROBENZENE	< 2100	< 4100	< 16000 uj	< 5	< 220
CHLOROETHANE	< 4200	< 8100	< 31000 uj	< 10	< 450
CHLOROFORM	< 2100	< 4100	< 16000 uj	< 5	< 220
CHLOROMETHANE	< 4200	< 8100	< 31000 uj	< 10	< 450
CIS-1,2-DICHLOROETHENE	7800	6600	< 7800 uj	< 2.5	< 110
CIS-1,3-DICHLOROPROPENE	< 2100	< 4100	< 16000 uj	< 5	< 220
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 2100	< 4100	< 16000 uj	< 5	< 220
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 2100	< 4100	< 16000 uj	< 5	< 220
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 2100	< 4100	< 16000 uj	< 5	< 220
NAPHTHALENE					
N-HEXANE	< 2100	< 4100	< 16000 uj	< 5	< 220
STYRENE	< 2100	< 4100	< 16000 uj	< 5	< 220
TETRACHLOROETHENE	59000	140000	260000 j	13	680
TOLUENE	< 2100	< 4100	< 16000 uj	< 5	< 220
TRANS-1,2-DICHLOROETHENE	< 1100	< 2000	< 7800 uj	< 2.5	< 110
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 2100	< 4100	< 16000 uj	< 5	< 220
TRICHLOROETHENE	< 2100	13000	< 16000 uj	< 5	< 220
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 4200	< 8100	< 31000 uj	< 10	< 450
XYLENES (TOTAL)	< 4200	< 8100	< 16000 uj	< 5	< 450

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-072 / 04-06 1999-04-24 Soil SW5035 µg/kg	GP01-072 / 08-10 1999-04-24 Soil SW5035 µg/kg	GP01-073 / 00-02 1999-04-24 Soil SW5035 µg/kg	GP01-073 / 04-06 1999-04-24 Soil SW5035 µg/kg	GP01-073 / 08-10 1999-04-24 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 200	< 270	< 230	< 4.2	< 1000
1,1,2,2-TETRACHLOROETHANE	< 200	< 270	< 230	< 4.2	< 1000
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 200	< 270	< 230	< 4.2	< 1000
1,1-DICHLOROETHANE	< 200	< 270	< 230	< 4.2	< 1000
1,1-DICHLOROETHENE	< 200	< 270	< 230	< 4.2	< 1000
1,2,4-TRICHLOROBENZENE					
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	< 200	< 270	< 230	< 4.2	< 1000
1,2-DICHLOROETHENE (TOTAL)	840	5900	< 230	< 4.2	< 1000
1,2-DICHLOROPROPANE	< 200	< 270	< 230	< 4.2	< 1000
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	< 820	< 1100	< 910	< 17	< 4100
2-HEXANONE	< 820	< 1100	< 910	< 17	< 4100
4-METHYL-2-PENTANONE	< 820	< 1100	< 910	< 17	< 4100
ACETONE	< 820	< 1100	< 910	< 17	< 4100
BENZENE	< 200	< 270	< 230	< 4.2	< 1000
BROMODICHLOROMETHANE	< 200	< 270	< 230	< 4.2	< 1000
BROMOFORM	< 200	< 270	< 230	< 4.2	< 1000
BROMOMETHANE	< 410	< 540	< 460	< 8.5	< 2000
CARBON DISULFIDE	< 200	< 270	< 230	< 4.2	< 1000
CARBON TETRACHLORIDE	< 200	< 270	< 230	< 4.2	< 1000
CHLOROBENZENE	< 200	< 270	< 230	< 4.2	< 1000
CHLOROETHANE	< 410	< 540	< 460	< 8.5	< 2000
CHLOROFORM	< 200	< 270	< 230	< 4.2	< 1000
CHLOROMETHANE	< 410	< 540	< 460	< 8.5	< 2000
CIS-1,2-DICHLOROETHENE	840	5900	< 110	< 2.1	< 510
CIS-1,3-DICHLOROPROPENE	< 200	< 270	< 230	< 4.2	< 1000
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 200	< 270	< 230	< 4.2	< 1000
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 200	< 270	< 230	< 4.2	< 1000
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 200	< 270	< 230	< 4.2	< 1000
NAPHTHALENE					
N-HEXANE	< 200	< 270	< 230	< 4.2	< 1000
STYRENE	< 200	< 270	< 230	< 4.2	< 1000
TETRACHLOROETHENE	< 200	1300	310	30	31000
TOLUENE	< 200	< 270	< 230	< 4.2	< 1000
TRANS-1,2-DICHLOROETHENE	< 100	< 130	< 110	< 2.1	< 510
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 200	< 270	< 230	< 4.2	< 1000
TRICHLOROETHENE	< 200	450	< 230	< 4.2	< 1000
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	410	< 540	< 460	< 8.5	< 2000
XYLENES (TOTAL)	< 410	< 540	< 460	< 8.5	< 2000

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-074 / 00-02 1999-04-24 Soil SW5035 µg/kg	GP01-074 / 04-06 1999-04-24 Soil SW5035 µg/kg	GP01-074 / 08-10 1999-04-24 Soil SW5035 µg/kg	GP01-076 / 00-02 1999-04-15 Soil SW5035 µg/kg	GP01-076 / 02-04 1999-04-15 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 4	< 4.2	< 3.9	< 4.5	< 4.2
1,1,2,2-TETRACHLOROETHANE	< 4	< 4.2	< 3.9	< 4.5	< 4.2
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 4	< 4.2	< 3.9	< 4.5	< 4.2
1,1-DICHLOROETHANE	< 4	< 4.2	< 3.9	< 4.5	< 4.2
1,1-DICHLOROETHENE	< 4	< 4.2	< 3.9	< 4.5	< 4.2
1,2,4-TRICHLOROBENZENE					
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	< 4	< 4.2	< 3.9	< 4.5	< 4.2
1,2-DICHLOROETHENE (TOTAL)	< 4	< 4.2	< 3.9	< 4.5	< 4.2
1,2-DICHLOROPROPANE	< 4	< 4.2	< 3.9	< 4.5	< 4.2
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	< 16	< 17	< 16	< 18	< 17
2-HEXANONE	< 16	< 17	< 16	< 18	< 17
4-METHYL-2-PENTANONE	< 16	< 17	< 16	< 18	< 17
ACETONE	< 16	< 17	< 16	< 18	< 17
BENZENE	< 4	< 4.2	< 3.9	< 4.5	< 4.2
BROMODICHLOROMETHANE	< 4	< 4.2	< 3.9	< 4.5	< 4.2
BROMOFORM	< 4	< 4.2	< 3.9	< 4.5	< 4.2
BROMOMETHANE	< 8.1	< 8.5	< 7.8	< 9	< 8.4
CARBON DISULFIDE	< 4	< 4.2	< 3.9	< 4.5	< 4.2
CARBON TETRACHLORIDE	< 4	< 4.2	< 3.9	< 4.5	< 4.2
CHLOROBENZENE	< 4	< 4.2	< 3.9	< 4.5	< 4.2
CHLOROETHANE	< 8.1	< 8.5	< 7.8	< 9	< 8.4
CHLOROFORM	< 4	< 4.2	< 3.9	< 4.5	< 4.2
CHLOROMETHANE	< 8.1	< 8.5	< 7.8	< 9	< 8.4
CIS-1,2-DICHLOROETHENE	< 2	< 2.1	< 2	< 2.2	< 2.1
CIS-1,3-DICHLOROPROPENE	< 4	< 4.2	< 3.9	< 4.5	< 4.2
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 4	< 4.2	< 3.9	< 4.5	< 4.2
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 4	< 4.2	< 3.9	< 4.5	< 4.2
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 4	< 4.2	< 3.9	< 4.5	< 4.2
NAPHTHALENE					
N-HEXANE	< 4	< 4.2	< 3.9	< 4.5	< 4.2
STYRENE	< 4	< 4.2	< 3.9	< 4.5	< 4.2
TETRACHLOROETHENE	< 4	< 4.2	< 3.9	< 4.5	< 4.2
TOLUENE	< 4	< 4.2	< 3.9	< 4.5	< 4.2
TRANS-1,2-DICHLOROETHENE	< 2	< 2.1	< 2	< 2.2	< 2.1
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 4	< 4.2	< 3.9	< 4.5	< 4.2
TRICHLOROETHENE	< 4	< 4.2	< 3.9	< 4.5	< 4.2
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 8.1	< 8.5	< 7.8	< 9	< 8.4
XYLENES (TOTAL)	< 8.1	< 8.5	< 7.8	< 9	< 8.4

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-077 / 00-02 1999-04-15 Soil SW5035 µg/kg	GP01-077 / 02-04 1999-04-15 Soil SW5035 µg/kg	GP01-078 / 00-02 1999-04-15 Soil SW5035 µg/kg	GP01-078 / 02-04 1999-04-15 Soil SW5035 µg/kg	GP01-079 / 00-02 1999-04-13 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 4.2 uj	< 4.2	< 4.2	< 4.2 uj	< 4
1,1,2,2-TETRACHLOROETHANE	< 4.2 uj	< 4.2	< 4.2	< 4.2 uj	< 4
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 4.2 uj	< 4.2	< 4.2	< 4.2 uj	< 4
1,1-DICHLOROETHANE	< 4.2 uj	< 4.2	< 4.2	< 4.2 uj	< 4
1,1-DICHLOROETHENE	< 4.2 uj	< 4.2	< 4.2	< 4.2 uj	< 4
1,2,4-TRICHLOROBENZENE					
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE					
1,2-DICHLOROETHANE	< 4.2 uj	< 4.2	< 4.2	< 4.2 uj	< 4
1,2-DICHLOROETHENE (TOTAL)	< 4.2 uj	< 4.2	< 4.2	< 4.2 uj	< 4
1,2-DICHLOROPROPANE	< 4.2 uj	< 4.2	< 4.2	< 4.2 uj	< 4
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
2-BUTANONE	< 17 uj	< 17	< 17	< 17 uj	< 16
2-HEXANONE	< 17 uj	< 17	< 17	< 17 uj	< 16
4-METHYL-2-PENTANONE	< 17 uj	< 17	< 17	< 17 uj	< 16
ACETONE	< 17 uj	< 17	< 17	< 17 uj	< 16
BENZENE	< 4.2 uj	< 4.2	< 4.2	< 4.2 uj	< 4
BROMODICHLOROMETHANE	< 4.2 uj	< 4.2	< 4.2	< 4.2 uj	< 4
BROMOFORM	< 4.2 uj	< 4.2	< 4.2	< 4.2 uj	< 4
BROMOMETHANE	< 8.4 uj	< 8.4	< 8.3	< 8.3 uj	< 8
CARBON DISULFIDE	< 4.2 uj	< 4.2	< 4.2	< 4.2 uj	< 4
CARBON TETRACHLORIDE	< 4.2 uj	< 4.2	< 4.2	< 4.2 uj	< 4
CHLOROBENZENE	< 4.2 uj	< 4.2	< 4.2	< 4.2 uj	< 4
CHLOROETHANE	< 8.4 uj	< 8.4	< 8.3	< 8.3 uj	< 8
CHLOROFORM	< 4.2 uj	< 4.2	< 4.2	< 4.2 uj	< 4
CHLOROMETHANE	< 8.4 uj	< 8.4	< 8.3	< 8.3 uj	< 8
CIS-1,2-DICHLOROETHENE	< 2.1 uj	< 2.1	< 2.1	< 2.1 uj	< 2
CIS-1,3-DICHLOROPROPENE	< 4.2 uj	< 4.2	< 4.2	< 4.2 uj	< 4
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 4.2 uj	< 4.2	< 4.2	< 4.2 uj	< 4
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 4.2 uj	< 4.2	< 4.2	< 4.2 uj	< 4
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 4.2 uj	< 4.2	< 4.2	< 4.2 uj	< 4
NAPHTHALENE					
N-HEXANE	< 4.2 uj	< 4.2	< 4.2	< 4.2 uj	< 4
STYRENE	< 4.2 uj	< 4.2	< 4.2	< 4.2 uj	< 4
TETRACHLOROETHENE	< 4.2 uj	< 4.2	< 4.2	< 4.2 uj	< 4
TOLUENE	< 4.2 uj	< 4.2	< 4.2	< 4.2 uj	< 4
TRANS-1,2-DICHLOROETHENE	< 2.1 uj	< 2.1	< 2.1	< 2.1 uj	< 2
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 4.2 uj	< 4.2	< 4.2	< 4.2 uj	< 4
TRICHLOROETHENE	< 4.2 uj	< 4.2	< 4.2	< 4.2 uj	< 4
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 8.4 uj	< 8.4	< 8.3	< 8.3 uj	< 8
XYLENES (TOTAL)	< 8.4 uj	< 8.4	< 8.3	< 8.3 uj	< 8

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-079 / 04-06 1999-04-13 Soil SW5035 µg/kg	GP01-079 / 08-10 1999-04-13 Soil SW5035 µg/kg	GP01-080 / 00-02 CONF 2004-01-29 Soil SW5035 µg/kg	GP01-080 / 00-02 1999-04-13 Soil SW5035 µg/kg	GP01-080 / 04-06 CONF 2004-01-29 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 4.2	< 3.6	< 530	< 4.2	< 320
1,1,2,2-TETRACHLOROETHANE	< 4.2	< 3.6	< 530	< 4.2	< 320
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE			< 530		< 320
1,1,2-TRICHLOROETHANE	< 4.2	< 3.6	< 530	< 4.2	< 320
1,1-DICHLOROETHANE	< 4.2	< 3.6	< 530	< 4.2	< 320
1,1-DICHLOROETHENE	< 4.2	< 3.6	< 530	< 4.2	< 320
1,2,4-TRICHLOROBENZENE			< 530		< 320
1,2-DIBROMO-3-CHLOROPROPANE			< 1100		< 640
1,2-DIBROMOETHANE			< 530		< 320
1,2-DICHLOROBENZENE			< 530		< 320
1,2-DICHLOROETHANE	< 4.2	< 3.6	< 530	< 4.2	< 320
1,2-DICHLOROETHENE (TOTAL)	< 4.2	< 3.6		< 4.2	
1,2-DICHLOROPROPANE	< 4.2	< 3.6	< 530	< 4.2	< 320
1,3-DICHLOROBENZENE			< 530		< 320
1,4-DICHLOROBENZENE			< 530		< 320
2-BUTANONE	< 17	< 14	< 2100	< 17	< 1300
2-HEXANONE	< 17	< 14	< 2100	< 17	< 1300
4-METHYL-2-PENTANONE	< 17	< 14	< 2100	< 17	< 1300
ACETONE	< 17	< 14	< 2100	< 17	< 1300
BENZENE	< 4.2	< 3.6	< 530	< 4.2	< 320
BROMODICHLOROMETHANE	< 4.2	< 3.6	< 530	< 4.2	< 320
BROMOFORM	< 4.2	< 3.6	< 530	< 4.2	< 320
BROMOMETHANE	< 8.4	< 7.2	< 530	< 8.3	< 320
CARBON DISULFIDE	< 4.2	< 3.6	< 530	< 4.2	< 320
CARBON TETRACHLORIDE	< 4.2	< 3.6	< 530	< 4.2	< 320
CHLOROBENZENE	< 4.2	< 3.6	< 530	< 4.2	< 320
CHLOROETHANE	< 8.4	< 7.2	< 530	< 8.3	< 320
CHLOROFORM	< 4.2	< 3.6	< 530	< 4.2	< 320
CHLOROMETHANE	< 8.4	< 7.2	< 530	< 8.3	< 320
CIS-1,2-DICHLOROETHENE	< 2.1	< 1.8	< 260	3.3	< 160
CIS-1,3-DICHLOROPROPENE	< 4.2	< 3.6	< 530	< 4.2	< 320
CYCLOHEXANE			< 1100		< 640
DIBROMOCHLOROMETHANE	< 4.2	< 3.6	< 530	< 4.2	< 320
DICHLORODIFLUOROMETHANE			< 530		< 320
ETHYLBENZENE	< 4.2	< 3.6	< 530	< 4.2	< 320
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE			< 530		< 320
METHYL ACETATE			160 J B u		110 J B u
METHYL TERT-BUTYL ETHER			< 2100		< 1300
METHYLCYCLOHEXANE			< 1100		< 640
METHYLENE CHLORIDE	< 4.2	< 3.6	570 B u	< 4.2	440 B u
NAPHTHALENE					
N-HEXANE	< 4.2	< 3.6		< 4.2	
STYRENE	< 4.2	< 3.6	< 530	< 4.2	< 320
TETRACHLOROETHENE	< 4.2	< 3.6	15000	< 4.2	< 320
TOLUENE	< 4.2	< 3.6	< 530	< 4.2	< 320
TRANS-1,2-DICHLOROETHENE	< 2.1	< 1.8	< 260	< 2.1	< 160
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 4.2	< 3.6	< 530	< 4.2	< 320
TRICHLOROETHENE	< 4.2	< 3.6	51 J	< 4.2	< 320
TRICHLOROFLUOROMETHANE			< 530		< 320
VINYL CHLORIDE	< 8.4	< 7.2	< 530	34	950
XYLENES (TOTAL)	< 8.4	< 7.2	< 530	< 8.3	< 320

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-080 / 04-06 1999-04-13 Soil SW5035 µg/kg	GP01-080 / 06-08 2004-01-29 Soil SW5035 µg/kg	GP01-080 / 08-10 CONF 2004-01-29 Soil SW5035 µg/kg	GP01-080 / 08-10 1999-04-13 Soil SW5035 µg/kg	GP01-085 / 00-1_5 2000-02-21 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 4.4	< 660	< 410	< 3.8	< 4.6
1,1,2,2-TETRACHLOROETHANE	< 4.4	< 660	< 410	< 3.8	< 4.6
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE		3500	1100		
1,1,2-TRICHLOROETHANE	< 4.4	< 660	< 410	< 3.8	< 4.6
1,1-DICHLOROETHANE	< 4.4	< 660	50 J	< 3.8	< 4.6
1,1-DICHLOROETHENE	< 4.4	< 660	< 410	< 3.8	< 4.6
1,2,4-TRICHLOROBENZENE		< 660	< 410		
1,2-DIBROMO-3-CHLOROPROPANE		< 1300	< 820		
1,2-DIBROMOETHANE		< 660	< 410		
1,2-DICHLOROBENZENE		< 660	< 410		
1,2-DICHLOROETHANE	< 4.4	< 660	< 410	< 3.8	< 4.6
1,2-DICHLOROETHENE (TOTAL)	56 j			110 j	< 4.6
1,2-DICHLOROPROPANE	< 4.4	< 660	< 410	< 3.8	< 4.6
1,3-DICHLOROBENZENE		< 660	< 410		
1,4-DICHLOROBENZENE		< 660	< 410		
2-BUTANONE	< 18	< 2600	< 1600	< 15	< 19
2-HEXANONE	< 18	< 2600	< 1600	< 15	< 19
4-METHYL-2-PENTANONE	< 18	< 2600	< 1600	< 15	< 19
ACETONE	< 18	< 2600	< 1600	< 15	< 19
BENZENE	< 4.4	< 660	< 410	< 3.8	< 4.6
BROMODICHLOROMETHANE	< 4.4	< 660	< 410	< 3.8	< 4.6
BROMOFORM	< 4.4	< 660	< 410	< 3.8	< 4.6
BROMOMETHANE	< 8.8	< 660	< 410	< 7.6	< 9.3
CARBON DISULFIDE	< 4.4	< 660	< 410	< 3.8	< 4.6
CARBON TETRACHLORIDE	< 4.4	< 660	< 410	< 3.8	< 4.6
CHLOROBENZENE	< 4.4	< 660	< 410	< 3.8	< 4.6
CHLOROETHANE	< 8.8	< 660	< 410	< 7.6	< 9.3
CHLOROFORM	< 4.4	< 660	< 410	< 3.8	< 4.6
CHLOROMETHANE	< 8.8	< 660	< 410	< 7.6	< 9.3
CIS-1,2-DICHLOROETHENE	55 j	21000	11000	100 j	< 2.3
CIS-1,3-DICHLOROPROPENE	< 4.4	< 660	< 410	< 3.8	< 4.6
CYCLOHEXANE		< 1300	< 820		
DIBROMOCHLOROMETHANE	< 4.4	< 660	< 410	< 3.8	< 4.6
DICHLORODIFLUOROMETHANE		< 660	< 410		
ETHYLBENZENE	< 4.4	< 660	< 410	< 3.8	< 4.6
HEXACHLOROBUTADIENE					
ISOPROPYLBENZENE		< 660	< 410		
METHYL ACETATE		220 J B u	100 J B u		
METHYL TERT-BUTYL ETHER		< 2600	< 1600		
METHYLCYCLOHEXANE		< 1300	< 820		
METHYLENE CHLORIDE	< 4.4	660 B u	430 B u	< 3.8	< 4.6
NAPHTHALENE					
N-HEXANE	< 4.4			< 3.8	< 4.6
STYRENE	< 4.4	< 660	< 410	< 3.8	< 4.6
TETRACHLOROETHENE	8.7 j	2500	3400	< 3.8	< 4.6
TOLUENE	< 4.4	< 660	< 410	< 3.8	< 4.6
TRANS-1,2-DICHLOROETHENE	< 2.2	210 J	86 J	2.8 j	< 2.3
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 4.4	< 660	< 410	< 3.8	< 4.6
TRICHLOROETHENE	10 j	2100	4900	23 j	< 4.6
TRICHLOROFLUOROMETHANE		< 660	< 410		
VINYL CHLORIDE	86 j	610 J	89 J	23 j	< 9.3
XYLENES (TOTAL)	< 8.8	< 660	< 410	< 7.6	51

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-086 / 00-1_5 2000-02-21 Soil SW5035 µg/kg	GP01-087 / 00-02 2000-05-19 Soil SW5030 µg/kg	GP01-087 / 04-06 2000-05-19 Soil SW5030 µg/kg	GP01-087 / 08-10 2000-05-19 Soil SW5030 µg/kg	GP01-088 / 00-02 2000-05-19 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 4.2	< 6.4	< 6.5	< 5.7	< 6
1,1,2,2-TETRACHLOROETHANE	< 4.2	< 6.4	< 6.5	< 5.7	< 6
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 4.2	< 6.4	< 6.5	< 5.7	< 6
1,1-DICHLOROETHANE	< 4.2	< 6.4	< 6.5	< 5.7	< 6
1,1-DICHLOROETHENE	< 4.2	< 6.4	< 6.5	< 5.7	< 6
1,2,4-TRICHLOROBENZENE		< 13	< 13	< 11	< 12
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE		< 13	< 13	< 11	< 12
1,2-DICHLOROETHANE	< 4.2	< 6.4	< 6.5	< 5.7	< 6
1,2-DICHLOROETHENE (TOTAL)	< 4.2	< 6.4	< 6.5	< 5.7	< 6
1,2-DICHLOROPROPANE	< 4.2	< 6.4	< 6.5	< 5.7	< 6
1,3-DICHLOROBENZENE		< 13	< 13	< 11	< 12
1,4-DICHLOROBENZENE		< 13	< 13	< 11	< 12
2-BUTANONE	< 17	< 25	< 26	< 23	< 24
2-HEXANONE	< 17	< 25	< 26	< 23	< 24
4-METHYL-2-PENTANONE	< 17	< 25	< 26	< 23	< 24
ACETONE	< 17	< 25	< 26	< 23	< 24
BENZENE	< 4.2	< 6.4	< 6.5	< 5.7	< 6
BROMODICHLOROMETHANE	< 4.2	< 6.4	< 6.5	< 5.7	< 6
BROMOFORM	< 4.2	< 6.4	< 6.5	< 5.7	< 6
BROMOMETHANE	< 8.3	< 13	< 13	< 11	< 12
CARBON DISULFIDE	< 4.2	< 6.4	< 6.5	< 5.7	< 6
CARBON TETRACHLORIDE	< 4.2	< 6.4	< 6.5	< 5.7	< 6
CHLOROBENZENE	< 4.2	< 6.4	< 6.5	< 5.7	< 6
CHLOROETHANE	< 8.3	< 13	< 13	< 11	< 12
CHLOROFORM	< 4.2	< 6.4	< 6.5	< 5.7	< 6
CHLOROMETHANE	< 8.3	< 13	< 13	< 11	< 12
CIS-1,2-DICHLOROETHENE	< 2.1	< 3.2	< 3.2	< 2.8	< 3
CIS-1,3-DICHLOROPROPENE	< 4.2	< 6.4	< 6.5	< 5.7	< 6
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 4.2	< 6.4	< 6.5	< 5.7	< 6
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 4.2	< 6.4	< 6.5	< 5.7	< 6
HEXACHLOROBUTADIENE		< 13	< 13	< 11	< 12
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 4.2	< 6.4	< 6.5	< 5.7	< 6
NAPHTHALENE		< 13	< 13	< 11	< 12
N-HEXANE	< 4.2	< 6.4	< 6.5	< 5.7	< 6
STYRENE	< 4.2	< 6.4	< 6.5	< 5.7	< 6
TETRACHLOROETHENE	< 4.2	< 6.4	< 6.5	< 5.7	< 6
TOLUENE	< 4.2	< 6.4	< 6.5	< 5.7	< 6
TRANS-1,2-DICHLOROETHENE	< 2.1	< 3.2	< 3.2	< 2.8	< 3
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 4.2	< 6.4	< 6.5	< 5.7	< 6
TRICHLOROETHENE	< 4.2	< 6.4	< 6.5	< 5.7	< 6
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 8.3	< 13	< 13	< 11	< 12
XYLENES (TOTAL)	< 8.3	< 6.4	< 6.5	< 5.7	< 6

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-088 / 04-06 2000-05-19 Soil SW5030 µg/kg	GP01-088 / 08-10 2000-05-19 Soil SW5030 µg/kg	GP01-089 / 00-02 2000-05-19 Soil SW5030 µg/kg	GP01-089 / 04-06 2000-05-19 Soil SW5030 µg/kg	GP01-089 / 08-10 2000-05-19 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 6	< 5.6	< 6.3	< 6.1	< 5.7
1,1,2,2-TETRACHLOROETHANE	< 6	< 5.6	< 6.3	< 6.1	< 5.7
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 6	< 5.6	< 6.3	< 6.1	< 5.7
1,1-DICHLOROETHANE	< 6	< 5.6	< 6.3	< 6.1	< 5.7
1,1-DICHLOROETHENE	< 6	< 5.6	< 6.3	< 6.1	< 5.7
1,2,4-TRICHLOROBENZENE	< 12	< 11	< 13	< 12	< 11
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE	< 12	< 11	< 13	< 12	< 11
1,2-DICHLOROETHANE	< 6	< 5.6	< 6.3	< 6.1	< 5.7
1,2-DICHLOROETHENE (TOTAL)	< 6	< 5.6	< 6.3	< 6.1	< 5.7
1,2-DICHLOROPROPANE	< 6	< 5.6	< 6.3	< 6.1	< 5.7
1,3-DICHLOROBENZENE	< 12	< 11	< 13	< 12	< 11
1,4-DICHLOROBENZENE	< 12	< 11	< 13	< 12	< 11
2-BUTANONE	< 24	< 22	< 25	< 24	< 23
2-HEXANONE	< 24	< 22	< 25	< 24	< 23
4-METHYL-2-PENTANONE	< 24	< 22	< 25	< 24	< 23
ACETONE	< 24	< 22	< 25	< 24	< 23
BENZENE	< 6	< 5.6	< 6.3	< 6.1	< 5.7
BROMODICHLOROMETHANE	< 6	< 5.6	< 6.3	< 6.1	< 5.7
BROMOFORM	< 6	< 5.6	< 6.3	< 6.1	< 5.7
BROMOMETHANE	< 12	< 11	< 13	< 12	< 11
CARBON DISULFIDE	< 6	< 5.6	< 6.3	< 6.1	< 5.7
CARBON TETRACHLORIDE	< 6	< 5.6	< 6.3	< 6.1	< 5.7
CHLOROBENZENE	< 6	< 5.6	< 6.3	< 6.1	< 5.7
CHLOROETHANE	< 12	< 11	< 13	< 12	< 11
CHLOROFORM	< 6	< 5.6	< 6.3	< 6.1	< 5.7
CHLOROMETHANE	< 12	< 11	< 13	< 12	< 11
CIS-1,2-DICHLOROETHENE	< 3	< 2.8	< 3.1	< 3	< 2.8
CIS-1,3-DICHLOROPROPENE	< 6	< 5.6	< 6.3	< 6.1	< 5.7
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 6	< 5.6	< 6.3	< 6.1	< 5.7
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 6	< 5.6	< 6.3	< 6.1	< 5.7
HEXACHLOROBUTADIENE	< 12	< 11	< 13	< 12	< 11
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 6	< 5.6	< 6.3	< 6.1	< 5.7
NAPHTHALENE	< 12	< 11	< 13	< 12	< 11
N-HEXANE	< 6	< 5.6	< 6.3	< 6.1	< 5.7
STYRENE	< 6	< 5.6	< 6.3	< 6.1	< 5.7
TETRACHLOROETHENE	< 6	< 5.6	< 6.3	< 6.1	< 5.7
TOLUENE	< 6	< 5.6	< 6.3	< 6.1	< 5.7
TRANS-1,2-DICHLOROETHENE	< 3	< 2.8	< 3.1	< 3	< 2.8
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 6	< 5.6	< 6.3	< 6.1	< 5.7
TRICHLOROETHENE	< 6	< 5.6	< 6.3	< 6.1	< 5.7
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 12	< 11	< 13	< 12	< 11
XYLENES (TOTAL)	< 6	< 5.6	< 6.3	< 6.1	< 5.7

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-090 / 00-02 2000-05-19 Soil SW5030 µg/kg	GP01-090 / 04-06 2000-05-19 Soil SW5030 µg/kg	GP01-090 / 08-10 2000-05-19 Soil SW5030 µg/kg	GP01-090 / 14-16 2000-05-19 Soil SW5030 µg/kg	GP01-091 / 00-02 2000-05-19 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 5.7	< 6.1	< 5.7	< 5.7	< 6.1
1,1,2,2-TETRACHLOROETHANE	< 5.7	< 6.1	< 5.7	< 5.7	< 6.1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 5.7	< 6.1	< 5.7	< 5.7	< 6.1
1,1-DICHLOROETHANE	< 5.7	< 6.1	< 5.7	< 5.7	< 6.1
1,1-DICHLOROETHENE	< 5.7	< 6.1	< 5.7	< 5.7	< 6.1
1,2,4-TRICHLOROBENZENE	< 11	< 12	< 11	< 11	< 12
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE	< 11	< 12	< 11	< 11	< 12
1,2-DICHLOROETHANE	< 5.7	< 6.1	< 5.7	< 5.7	< 6.1
1,2-DICHLOROETHENE (TOTAL)	< 5.7	< 6.1	11	28	< 6.1
1,2-DICHLOROPROPANE	< 5.7	< 6.1	< 5.7	< 5.7	< 6.1
1,3-DICHLOROBENZENE	< 11	< 12	< 11	< 11	< 12
1,4-DICHLOROBENZENE	< 11	< 12	< 11	< 11	< 12
2-BUTANONE	29	< 24	< 23	< 23	34
2-HEXANONE	< 23	< 24	< 23	< 23	< 24
4-METHYL-2-PENTANONE	< 23	< 24	< 23	< 23	< 24
ACETONE	160	40	< 23	< 23	160
BENZENE	< 5.7	< 6.1	< 5.7	< 5.7	< 6.1
BROMODICHLOROMETHANE	< 5.7	< 6.1	< 5.7	< 5.7	< 6.1
BROMOFORM	< 5.7	< 6.1	< 5.7	< 5.7	< 6.1
BROMOMETHANE	< 11	< 12	< 11	< 11	< 12
CARBON DISULFIDE	< 5.7	< 6.1	< 5.7	< 5.7	< 6.1
CARBON TETRACHLORIDE	< 5.7	< 6.1	< 5.7	< 5.7	< 6.1
CHLOROBENZENE	< 5.7	< 6.1	< 5.7	< 5.7	< 6.1
CHLOROETHANE	< 11	< 12	< 11	< 11	< 12
CHLOROFORM	< 5.7	< 6.1	< 5.7	< 5.7	< 6.1
CHLOROMETHANE	< 11	< 12	< 11	< 11	< 12
CIS-1,2-DICHLOROETHENE	< 2.9	< 3.1	11	25	< 3
CIS-1,3-DICHLOROPROPENE	< 5.7	< 6.1	< 5.7	< 5.7	< 6.1
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 5.7	< 6.1	< 5.7	< 5.7	< 6.1
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 5.7	< 6.1	< 5.7	< 5.7	< 6.1
HEXACHLOROBUTADIENE	< 11	< 12	< 11	< 11	< 12
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 5.7	< 6.1	< 5.7	< 5.7	< 6.1
NAPHTHALENE	< 11	< 12	< 11	< 11	< 12
N-HEXANE	< 5.7	< 6.1	< 5.7	< 5.7	< 6.1
STYRENE	< 5.7	< 6.1	< 5.7	< 5.7	< 6.1
TETRACHLOROETHENE	< 5.7	< 6.1	170	24	< 6.1
TOLUENE	< 5.7	< 6.1	< 5.7	< 5.7	< 6.1
TRANS-1,2-DICHLOROETHENE	< 2.9	< 3.1	< 2.9	< 2.8	< 3
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 5.7	< 6.1	< 5.7	< 5.7	< 6.1
TRICHLOROETHENE	< 5.7	< 6.1	11	< 5.7	< 6.1
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 11	< 12	< 11	< 11	< 12
XYLENES (TOTAL)	14	< 6.1	< 5.7	< 5.7	< 6.1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-091 / 04-06 2000-05-19 Soil SW5030 µg/kg	GP01-091 / 08-10 2000-05-19 Soil SW5030 µg/kg	GP01-091 / 14-16 2000-05-19 Soil SW5030 µg/kg	GP01-092 / 00-02 2000-05-19 Soil SW5030 µg/kg	GP01-092 / 04-06 2000-05-19 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 6.2	< 5.8	< 5.6	< 6.1	< 6.2
1,1,2,2-TETRACHLOROETHANE	< 6.2	< 5.8	< 5.6	< 6.1	< 6.2
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 6.2	< 5.8	< 5.6	< 6.1	< 6.2
1,1-DICHLOROETHANE	< 6.2	< 5.8	< 5.6	< 6.1	< 6.2
1,1-DICHLOROETHENE	< 6.2	< 5.8	< 5.6	< 6.1	< 6.2
1,2,4-TRICHLOROBENZENE	< 21	< 12	< 11	< 12	< 12
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE	< 21	< 12	< 11	< 12	< 12
1,2-DICHLOROETHANE	< 6.2	< 5.8	< 5.6	< 6.1	< 6.2
1,2-DICHLOROETHENE (TOTAL)	< 6.2	< 5.8	< 5.6	< 6.1	< 6.2
1,2-DICHLOROPROPANE	< 6.2	< 5.8	< 5.6	< 6.1	< 6.2
1,3-DICHLOROBENZENE	< 21	< 12	< 11	< 12	< 12
1,4-DICHLOROBENZENE	< 21	< 12	< 11	< 12	< 12
2-BUTANONE	< 41	< 23	< 22	< 24	< 25
2-HEXANONE	< 41	< 23	< 22	< 24	< 25
4-METHYL-2-PENTANONE	< 41	< 23	< 22	< 24	< 25
ACETONE	< 41	< 23	< 22	< 24	< 25
BENZENE	< 6.2	< 5.8	< 5.6	< 6.1	< 6.2
BROMODICHLOROMETHANE	< 6.2	< 5.8	< 5.6	< 6.1	< 6.2
BROMOFORM	< 6.2	< 5.8	< 5.6	< 6.1	< 6.2
BROMOMETHANE	< 21	< 12	< 11	< 12	< 12
CARBON DISULFIDE	< 6.2	< 5.8	< 5.6	< 6.1	< 6.2
CARBON TETRACHLORIDE	< 6.2	< 5.8	< 5.6	< 6.1	< 6.2
CHLOROBENZENE	< 6.2	< 5.8	< 5.6	< 6.1	< 6.2
CHLOROETHANE	< 21	< 12	< 11	< 12	< 12
CHLOROFORM	< 6.2	< 5.8	< 5.6	< 6.1	< 6.2
CHLOROMETHANE	< 21	< 12	< 11	< 12	< 12
CIS-1,2-DICHLOROETHENE	< 5.2	< 2.9	< 2.8	< 3	< 3.1
CIS-1,3-DICHLOROPROPENE	< 6.2	< 5.8	< 5.6	< 6.1	< 6.2
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 6.2	< 5.8	< 5.6	< 6.1	< 6.2
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 6.2	< 5.8	< 5.6	< 6.1	< 6.2
HEXACHLOROBUTADIENE	< 21	< 12	< 11	< 12	< 12
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 6.2	< 5.8	< 5.6	< 6.1	< 6.2
NAPHTHALENE	< 21	< 12	< 11	< 12	< 12
N-HEXANE	< 6.2	< 5.8	< 5.6	< 6.1	< 6.2
STYRENE	< 6.2	< 5.8	< 5.6	< 6.1	< 6.2
TETRACHLOROETHENE	85	64	< 5.6	< 6.1	13
TOLUENE	< 6.2	< 5.8	< 5.6	< 6.1	< 6.2
TRANS-1,2-DICHLOROETHENE	< 5.2	< 2.9	< 2.8	< 3	< 3.1
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 6.2	< 5.8	< 5.6	< 6.1	< 6.2
TRICHLOROETHENE	< 6.2	< 5.8	< 5.6	< 6.1	< 6.2
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 21	< 12	< 11	< 12	< 12
XYLENES (TOTAL)	< 6.2	< 5.8	< 5.6	< 6.1	< 6.2

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-092 / 08-10 2000-05-19 Soil SW5030 µg/kg	GP01-093 / 00-02 2000-05-19 Soil SW5030 µg/kg	GP01-093 / 04-06 2000-05-19 Soil SW5030 µg/kg	GP01-093 / 08-10 2000-05-19 Soil SW5030 µg/kg	GP01-093 / 12-14 2000-05-19 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 11	< 5.2	< 6.2	< 5.5	< 5.6
1,1,2,2-TETRACHLOROETHANE	< 11	< 5.2	< 6.2	< 5.5	< 5.6
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 11	< 5.2	< 6.2	< 5.5	< 5.6
1,1-DICHLOROETHANE	< 11	< 5.2	< 6.2	< 5.5	< 5.6
1,1-DICHLOROETHENE	< 11	< 5.2	< 6.2	< 5.5	< 5.6
1,2,4-TRICHLOROBENZENE	< 23	< 10	< 12	< 11	< 11
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE	< 23	< 10	< 12	< 11	< 11
1,2-DICHLOROETHANE	< 11	< 5.2	< 6.2	< 5.5	< 5.6
1,2-DICHLOROETHENE (TOTAL)	< 11	< 5.2	< 6.2	< 5.5	< 5.6
1,2-DICHLOROPROPANE	< 11	< 5.2	< 6.2	< 5.5	< 5.6
1,3-DICHLOROBENZENE	< 23	< 10	< 12	< 11	< 11
1,4-DICHLOROBENZENE	< 23	< 10	< 12	< 11	< 11
2-BUTANONE	< 45	< 21	< 25	< 22	< 22
2-HEXANONE	< 45	< 21	< 25	< 22	< 22
4-METHYL-2-PENTANONE	< 45	< 21	< 25	< 22	< 22
ACETONE	< 45	29	< 25	< 22	< 22
BENZENE	< 11	< 5.2	< 6.2	< 5.5	< 5.6
BROMODICHLOROMETHANE	< 11	< 5.2	< 6.2	< 5.5	< 5.6
BROMOFORM	< 11	< 5.2	< 6.2	< 5.5	< 5.6
BROMOMETHANE	< 23	< 10	< 12	< 11	< 11
CARBON DISULFIDE	< 11	< 5.2	< 6.2	< 5.5	< 5.6
CARBON TETRACHLORIDE	< 11	< 5.2	< 6.2	< 5.5	< 5.6
CHLOROBENZENE	< 11	< 5.2	< 6.2	< 5.5	< 5.6
CHLOROETHANE	< 23	< 10	< 12	< 11	< 11
CHLOROFORM	< 11	< 5.2	< 6.2	< 5.5	< 5.6
CHLOROMETHANE	< 23	< 10	< 12	< 11	< 11
CIS-1,2-DICHLOROETHENE	< 5.6	< 2.6	< 3.1	3.9	< 2.8
CIS-1,3-DICHLOROPROPENE	< 11	< 5.2	< 6.2	< 5.5	< 5.6
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 11	< 5.2	< 6.2	< 5.5	< 5.6
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 11	< 5.2	< 6.2	< 5.5	< 5.6
HEXACHLOROBUTADIENE	< 23	< 10	< 12	< 11	< 11
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 11	< 5.2	< 6.2	< 5.5	< 5.6
NAPHTHALENE	< 23	< 10	< 12	< 11	< 11
N-HEXANE	< 11	< 5.2	< 6.2	< 5.5	< 5.6
STYRENE	< 11	< 5.2	< 6.2	< 5.5	< 5.6
TETRACHLOROETHENE	290	< 5.2	< 6.2	< 5.5	120
TOLUENE	< 11	< 5.2	< 6.2	< 5.5	< 5.6
TRANS-1,2-DICHLOROETHENE	< 5.6	< 2.6	< 3.1	< 2.8	< 2.8
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 11	< 5.2	< 6.2	< 5.5	< 5.6
TRICHLOROETHENE	< 11	< 5.2	< 6.2	< 5.5	< 5.6
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 23	< 10	< 12	< 11	< 11
XYLENES (TOTAL)	< 11	< 5.2	< 6.2	< 5.5	< 5.6

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-094 / 00-02 2000-05-20 Soil SW5030 µg/kg	GP01-094 / 04-06 2000-05-20 Soil SW5030 µg/kg	GP01-094 / 08-10 2000-05-20 Soil SW5030 µg/kg	GP01-094 / 14-16 2000-05-20 Soil SW5030 µg/kg	GP01-095 / 00-02 2000-05-20 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 5.3	< 6.2	< 6.1	< 5.6	< 5.2
1,1,2,2-TETRACHLOROETHANE	< 5.3	< 6.2	< 6.1	< 5.6	< 5.2
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 5.3	< 6.2	< 6.1	< 5.6	< 5.2
1,1-DICHLOROETHANE	< 5.3	< 6.2	< 6.1	< 5.6	< 5.2
1,1-DICHLOROETHENE	< 5.3	< 6.2	< 6.1	< 5.6	< 5.2
1,2,4-TRICHLOROBENZENE	< 11	< 12	< 12	< 11	< 10
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE	< 11	< 12	< 12	< 11	< 10
1,2-DICHLOROETHANE	< 5.3	< 6.2	< 6.1	< 5.6	< 5.2
1,2-DICHLOROETHENE (TOTAL)	< 5.3	< 6.2	< 6.1	< 5.6	< 5.2
1,2-DICHLOROPROPANE	< 5.3	< 6.2	< 6.1	< 5.6	< 5.2
1,3-DICHLOROBENZENE	< 11	< 12	< 12	< 11	< 10
1,4-DICHLOROBENZENE	< 11	< 12	< 12	< 11	< 10
2-BUTANONE	< 21	< 25	< 25	< 22	< 21
2-HEXANONE	< 21	< 25	< 25	< 22	< 21
4-METHYL-2-PENTANONE	< 21	< 25	< 25	< 22	< 21
ACETONE	< 21	< 25	< 25	< 22	< 21
BENZENE	< 5.3	< 6.2	< 6.1	< 5.6	< 5.2
BROMODICHLOROMETHANE	< 5.3	< 6.2	< 6.1	< 5.6	< 5.2
BROMOFORM	< 5.3	< 6.2	< 6.1	< 5.6	< 5.2
BROMOMETHANE	< 11	< 12	< 12	< 11	< 10
CARBON DISULFIDE	< 5.3	< 6.2	< 6.1	< 5.6	< 5.2
CARBON TETRACHLORIDE	< 5.3	< 6.2	< 6.1	< 5.6	< 5.2
CHLOROBENZENE	< 5.3	< 6.2	< 6.1	< 5.6	< 5.2
CHLOROETHANE	< 11	< 12	< 12	< 11	< 10
CHLOROFORM	< 5.3	< 6.2	< 6.1	< 5.6	< 5.2
CHLOROMETHANE	< 11	< 12	< 12	< 11	< 10
CIS-1,2-DICHLOROETHENE	< 2.7	< 3.1	< 3.1	< 2.8	< 2.6
CIS-1,3-DICHLOROPROPENE	< 5.3	< 6.2	< 6.1	< 5.6	< 5.2
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 5.3	< 6.2	< 6.1	< 5.6	< 5.2
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 5.3	< 6.2	< 6.1	< 5.6	< 5.2
HEXACHLOROBUTADIENE	< 11	< 12	< 12	< 11	< 10
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 5.3	< 6.2	< 6.1	< 5.6	< 5.2
NAPHTHALENE	< 11	< 12	< 12	< 11	< 10
N-HEXANE	< 5.3	< 6.2	< 6.1	< 5.6	< 5.2
STYRENE	< 5.3	< 6.2	< 6.1	< 5.6	< 5.2
TETRACHLOROETHENE	6.6	8.8	21	< 5.6	< 5.2
TOLUENE	< 5.3	< 6.2	< 6.1	< 5.6	< 5.2
TRANS-1,2-DICHLOROETHENE	< 2.7	< 3.1	< 3.1	< 2.8	< 2.6
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 5.3	< 6.2	< 6.1	< 5.6	< 5.2
TRICHLOROETHENE	< 5.3	< 6.2	< 6.1	< 5.6	< 5.2
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 11	< 12	< 12	< 11	< 10
XYLENES (TOTAL)	< 5.3	< 6.2	< 6.1	< 5.6	< 5.2

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-095 / 04-06 2000-05-20 Soil SW5030 µg/kg	GP01-095 / 08-10 2000-05-20 Soil SW5030 µg/kg	GP01-095 / 12-14 2000-05-20 Soil SW5030 µg/kg	GP01-095 / 16-18 2000-05-20 Soil SW5030 µg/kg	GP01-096 / 00-02 2000-05-21 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 6.3	< 6.1	< 14	< 5.4	< 5.4
1,1,2,2-TETRACHLOROETHANE	< 6.3	< 6.1	< 14	< 5.4	< 5.4
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 6.3	< 6.1	< 14	< 5.4	< 5.4
1,1-DICHLOROETHANE	< 6.3	< 6.1	< 14	< 5.4	< 5.4
1,1-DICHLOROETHENE	< 6.3	< 6.1	< 14	6.2	< 5.4
1,2,4-TRICHLOROBENZENE	< 13	< 12	< 28	< 11	< 11
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE	< 13	< 12	< 28	< 11	< 11
1,2-DICHLOROETHANE	< 6.3	< 6.1	< 14	< 5.4	< 5.4
1,2-DICHLOROETHENE (TOTAL)	13	180	97	< 5.4	< 5.4
1,2-DICHLOROPROPANE	< 6.3	< 6.1	< 14	< 5.4	< 5.4
1,3-DICHLOROBENZENE	< 13	< 12	< 28	< 11	< 11
1,4-DICHLOROBENZENE	< 13	< 12	< 28	< 11	< 11
2-BUTANONE	< 25	< 24	< 56	< 22	< 21
2-HEXANONE	< 25	< 24	< 56	< 22	< 21
4-METHYL-2-PENTANONE	< 25	< 24	< 56	< 22	< 21
ACETONE	72	37	< 56	28	< 21
BENZENE	< 6.3	< 6.1	< 14	< 5.4	< 5.4
BROMODICHLOROMETHANE	< 6.3	< 6.1	< 14	< 5.4	< 5.4
BROMOFORM	< 6.3	< 6.1	< 14	< 5.4	< 5.4
BROMOMETHANE	< 13	< 12	< 28	< 11	< 11
CARBON DISULFIDE	< 6.3	< 6.1	< 14	< 5.4	< 5.4
CARBON TETRACHLORIDE	< 6.3	< 6.1	< 14	< 5.4	< 5.4
CHLOROBENZENE	< 6.3	< 6.1	< 14	< 5.4	< 5.4
CHLOROETHANE	< 13	< 12	60	< 11	< 11
CHLOROFORM	< 6.3	< 6.1	< 14	< 5.4	< 5.4
CHLOROMETHANE	< 13	< 12	< 28	< 11	< 11
CIS-1,2-DICHLOROETHENE	11	170	91	< 2.7	< 2.7
CIS-1,3-DICHLOROPROPENE	< 6.3	< 6.1	< 14	< 5.4	< 5.4
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 6.3	< 6.1	< 14	< 5.4	< 5.4
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 6.3	< 6.1	< 14	< 5.4	< 5.4
HEXACHLOROBUTADIENE	< 13	< 12	< 28	< 11	< 11
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 6.3	< 6.1	< 14	< 5.4	< 5.4
NAPHTHALENE	< 13	< 12	< 28	< 11	< 11
N-HEXANE	< 6.3	< 6.1	< 14	< 5.4	< 5.4
STYRENE	< 6.3	< 6.1	< 14	< 5.4	< 5.4
TETRACHLOROETHENE	< 6.3	< 6.1	< 14	< 5.4	< 5.4
TOLUENE	< 6.3	< 6.1	< 14	< 5.4	< 5.4
TRANS-1,2-DICHLOROETHENE	< 3.2	6.7	< 7	< 2.7	< 2.7
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 6.3	< 6.1	< 14	< 5.4	< 5.4
TRICHLOROETHENE	< 6.3	< 6.1	120	< 5.4	< 5.4
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 13	23	500	< 11	< 11
XYLENES (TOTAL)	< 6.3	< 6.1	< 14	< 5.4	< 5.4

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-096 / 04-06 2000-05-21 Soil SW5030 µg/kg	GP01-096 / 08-10 2000-05-21 Soil SW5030 µg/kg	GP01-096 / 12-14 2000-05-21 Soil SW5030 µg/kg	GP01-096 / 18-20 2000-05-21 Soil SW5030 µg/kg	GP01-097 / 00-02 2000-05-21 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 5.5	< 6.3	< 5.6	< 5.7	< 5.7
1,1,2,2-TETRACHLOROETHANE	< 5.5	< 6.3	< 5.6	< 5.7	< 5.7
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 5.5	< 6.3	< 5.6	< 5.7	< 5.7
1,1-DICHLOROETHANE	< 5.5	< 6.3	< 5.6	< 5.7	< 5.7
1,1-DICHLOROETHENE	< 5.5	< 6.3	< 5.6	< 5.7	< 5.7
1,2,4-TRICHLOROBENZENE	< 11	< 13	< 11	< 11	< 11
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE	< 11	< 13	< 11	< 11	< 11
1,2-DICHLOROETHANE	< 5.5	< 6.3	< 5.6	< 5.7	< 5.7
1,2-DICHLOROETHENE (TOTAL)	< 5.5	35	5.6	21 j	< 5.7
1,2-DICHLOROPROPANE	< 5.5	< 6.3	< 5.6	< 5.7	< 5.7
1,3-DICHLOROBENZENE	< 11	< 13	< 11	< 11	< 11
1,4-DICHLOROBENZENE	< 11	< 13	< 11	< 11	< 11
2-BUTANONE	< 22	< 25	< 22	< 23	< 23
2-HEXANONE	< 22	< 25	< 22	< 23	< 23
4-METHYL-2-PENTANONE	< 22	< 25	< 22	< 23	< 23
ACETONE	< 22	25	< 22	< 23	< 23
BENZENE	< 5.5	< 6.3	< 5.6	< 5.7	< 5.7
BROMODICHLOROMETHANE	< 5.5	< 6.3	< 5.6	< 5.7	< 5.7
BROMOFORM	< 5.5	< 6.3	< 5.6	< 5.7	< 5.7
BROMOMETHANE	< 11	< 13	< 11	< 11	< 11
CARBON DISULFIDE	< 5.5	< 6.3	< 5.6	< 5.7	< 5.7
CARBON TETRACHLORIDE	< 5.5	< 6.3	< 5.6	< 5.7	< 5.7
CHLOROBENZENE	< 5.5	< 6.3	< 5.6	< 5.7	< 5.7
CHLOROETHANE	< 11	< 13	< 11	< 11	< 11
CHLOROFORM	< 5.5	< 6.3	< 5.6	< 5.7	< 5.7
CHLOROMETHANE	< 11	< 13	< 11	< 11	< 11
CIS-1,2-DICHLOROETHENE	< 2.8	35	5.6	21 j	< 2.8
CIS-1,3-DICHLOROPROPENE	< 5.5	< 6.3	< 5.6	< 5.7	< 5.7
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 5.5	< 6.3	< 5.6	< 5.7	< 5.7
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 5.5	< 6.3	< 5.6	< 5.7	< 5.7
HEXACHLOROBUTADIENE	< 11	< 13	< 11	< 11	< 11
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 5.5	< 6.3	< 5.6	< 5.7	< 5.7
NAPHTHALENE	< 11	< 13	< 11	< 11	< 11
N-HEXANE	< 5.5	< 6.3	< 5.6	< 5.7	< 5.7
STYRENE	< 5.5	< 6.3	< 5.6	< 5.7	< 5.7
TETRACHLOROETHENE	6.1	< 6.3	< 5.6	< 5.7	< 5.7
TOLUENE	< 5.5	< 6.3	< 5.6	< 5.7	< 5.7
TRANS-1,2-DICHLOROETHENE	< 2.8	< 3.1	< 2.8	< 2.9	< 2.8
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 5.5	< 6.3	< 5.6	< 5.7	< 5.7
TRICHLOROETHENE	< 5.5	< 6.3	< 5.6	< 5.7	< 5.7
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 11	< 13	< 11	< 11	< 11
XYLENES (TOTAL)	< 5.5	< 6.3	< 5.6	< 5.7	< 5.7

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-097 / 04-06 2000-05-21 Soil SW5030 µg/kg	GP01-097 / 08-10 2000-05-21 Soil SW5030 µg/kg	GP01-097 / 12-14 2000-05-21 Soil SW5030 µg/kg	GP01-097 / 16_8-18 2000-05-21 Soil SW5030 µg/kg	GP01-098 / 00-02 2000-05-21 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 6.5	< 63	< 720	< 5.5	< 5.2
1,1,2,2-TETRACHLOROETHANE	< 6.5	< 63	< 720	< 5.5	< 5.2
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 6.5	< 63	< 720	< 5.5	< 5.2
1,1-DICHLOROETHANE	< 6.5	< 63	< 720	< 5.5	< 5.2
1,1-DICHLOROETHENE	< 6.5	< 63	< 720	< 5.5	< 5.2
1,2,4-TRICHLOROBENZENE	< 13	< 130	< 1400	< 11	< 10
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE	< 13	< 130	< 1400	< 11	< 10
1,2-DICHLOROETHANE	< 6.5	< 63	< 720	< 5.5	< 5.2
1,2-DICHLOROETHENE (TOTAL)	120	1700	3500	6.4	< 5.2
1,2-DICHLOROPROPANE	< 6.5	< 63	< 720	< 5.5	< 5.2
1,3-DICHLOROBENZENE	< 13	< 130	< 1400	< 11	< 10
1,4-DICHLOROBENZENE	< 13	< 130	< 1400	< 11	< 10
2-BUTANONE	< 26	< 250	< 2900	< 22	< 21
2-HEXANONE	< 26	< 250	< 2900	< 22	< 21
4-METHYL-2-PENTANONE	< 26	< 250	< 2900	< 22	< 21
ACETONE	< 26	< 250	< 2900	< 22	< 21
BENZENE	< 6.5	< 63	< 720	< 5.5	< 5.2
BROMODICHLOROMETHANE	< 6.5	< 63	< 720	< 5.5	< 5.2
BROMOFORM	< 6.5	< 63	< 720	< 5.5	< 5.2
BROMOMETHANE	< 13	< 130	< 1400	< 11	< 10
CARBON DISULFIDE	< 6.5	< 63	< 720	< 5.5	< 5.2
CARBON TETRACHLORIDE	< 6.5	< 63	< 720	< 5.5	< 5.2
CHLOROBENZENE	< 6.5	< 63	< 720	< 5.5	< 5.2
CHLOROETHANE	< 13	< 130	< 1400	< 11	< 10
CHLOROFORM	< 6.5	< 63	< 720	< 5.5	< 5.2
CHLOROMETHANE	< 13	< 130	< 1400	< 11	< 10
CIS-1,2-DICHLOROETHENE	120	1700	3500	6.4	< 2.6
CIS-1,3-DICHLOROPROPENE	< 6.5	< 63	< 720	< 5.5	< 5.2
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 6.5	< 63	< 720	< 5.5	< 5.2
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 6.5	< 63	< 720	< 5.5	< 5.2
HEXACHLOROBUTADIENE	< 13	< 130	< 1400	< 11	< 10
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 6.5	< 63	< 720	< 5.5	< 5.2
NAPHTHALENE	< 13	< 130	< 1400	< 11	< 10
N-HEXANE	< 6.5	< 63	< 720	< 5.5	< 5.2
STYRENE	< 6.5	< 63	< 720	< 5.5	< 5.2
TETRACHLOROETHENE	36	64	< 720	< 5.5	< 5.2
TOLUENE	< 6.5	< 63	< 720	< 5.5	< 5.2
TRANS-1,2-DICHLOROETHENE	< 3.2	56	< 360	< 2.7	< 2.6
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 6.5	< 63	< 720	< 5.5	< 5.2
TRICHLOROETHENE	< 6.5	< 63	< 720	< 5.5	< 5.2
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 13	250	< 1400	< 11	< 10
XYLENES (TOTAL)	< 6.5	< 63	< 720	< 5.5	< 5.2

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-098 / 04-06 2000-05-21 Soil SW5030 µg/kg	GP01-098 / 08-10 2000-05-21 Soil SW5030 µg/kg	GP01-098 / 12-14 2000-05-21 Soil SW5030 µg/kg	GP01-098 / 22-24 2000-05-21 Soil SW5030 µg/kg	GP01-099 / 00-02 2000-05-21 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 13	< 6.3	< 5.8	< 5.5	< 13
1,1,2,2-TETRACHLOROETHANE	< 13	< 6.3	< 5.8	< 5.5	< 13
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 13	< 6.3	< 5.8	< 5.5	< 13
1,1-DICHLOROETHANE	< 13	< 6.3	< 5.8	< 5.5	< 13
1,1-DICHLOROETHENE	< 13	< 6.3	< 5.8	< 5.5	< 13
1,2,4-TRICHLOROBENZENE	< 26	< 13	< 12	< 11	< 26
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE	70 j	< 13	< 12	< 11	< 26
1,2-DICHLOROETHANE	< 13	< 6.3	< 5.8	< 5.5	< 13
1,2-DICHLOROETHENE (TOTAL)	< 13	< 6.3	< 5.8	< 5.5	< 13
1,2-DICHLOROPROPANE	< 13	< 6.3	< 5.8	< 5.5	< 13
1,3-DICHLOROBENZENE	< 26	< 13	< 12	< 11	< 26
1,4-DICHLOROBENZENE	< 26	< 13	< 12	< 11	< 26
2-BUTANONE	< 53	31	< 23	< 22	< 52
2-HEXANONE	< 53	< 25	< 23	< 22	< 52
4-METHYL-2-PENTANONE	56 j	< 25	< 23	< 22	< 52
ACETONE	110 j	210	< 23	< 22	< 52
BENZENE	< 13	< 6.3	< 5.8	< 5.5	< 13
BROMODICHLOROMETHANE	< 13	< 6.3	< 5.8	< 5.5	< 13
BROMOFORM	< 13	< 6.3	< 5.8	< 5.5	< 13
BROMOMETHANE	< 26	< 13	< 12	< 11	< 26
CARBON DISULFIDE	< 13	< 6.3	< 5.8	< 5.5	14 j
CARBON TETRACHLORIDE	< 13	< 6.3	< 5.8	< 5.5	< 13
CHLOROBENZENE	< 13	< 6.3	< 5.8	< 5.5	< 13
CHLOROETHANE	< 26	< 13	< 12	< 11	< 26
CHLOROFORM	< 13	< 6.3	< 5.8	< 5.5	< 13
CHLOROMETHANE	< 26	< 13	< 12	< 11	< 26
CIS-1,2-DICHLOROETHENE	< 6.6	< 3.1	< 2.9	< 2.7	< 6.5
CIS-1,3-DICHLOROPROPENE	< 13	< 6.3	< 5.8	< 5.5	< 13
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 13	< 6.3	< 5.8	< 5.5	< 13
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 13	< 6.3	< 5.8	< 5.5	< 13
HEXACHLOROBUTADIENE	< 26	< 13	< 12	< 11	< 26
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 13	< 6.3	< 5.8	< 5.5	< 13
NAPHTHALENE	< 26	< 13	< 12	< 11	< 26
N-HEXANE	< 13	< 6.3	< 5.8	< 5.5	< 13
STYRENE	< 13	< 6.3	< 5.8	< 5.5	< 13
TETRACHLOROETHENE	420 j	< 6.3	< 5.8	< 5.5	16 j
TOLUENE	< 13	< 6.3	< 5.8	< 5.5	26 j
TRANS-1,2-DICHLOROETHENE	< 6.6	< 3.1	< 2.9	< 2.7	< 6.5
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 13	< 6.3	< 5.8	< 5.5	< 13
TRICHLOROETHENE	< 13	< 6.3	< 5.8	< 5.5	< 13
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 26	< 13	< 12	< 11	< 26
XYLENES (TOTAL)	< 13	< 6.3	< 5.8	< 5.5	20 j

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-099 / 04-06 2000-05-21 Soil SW5030 µg/kg	GP01-099 / 08-10 2000-05-21 Soil SW5030 µg/kg	GP01-099 / 12-14 2000-05-21 Soil SW5030 µg/kg	GP01-100 / 00-02 2000-05-20 Soil SW5030 µg/kg	GP01-100 / 04-06 2000-05-20 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 9.4	< 6.3	< 28	< 5.6	< 6.4
1,1,2,2-TETRACHLOROETHANE	< 9.4	< 6.3	< 28	< 5.6	< 6.4
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					
1,1,2-TRICHLOROETHANE	< 9.4	< 6.3	< 28	< 5.6	< 6.4
1,1-DICHLOROETHANE	< 9.4	< 6.3	< 28	< 5.6	< 6.4
1,1-DICHLOROETHENE	< 9.4	< 6.3	< 28	< 5.6	< 6.4
1,2,4-TRICHLOROBENZENE	< 19	< 13	< 56	< 11	< 13
1,2-DIBROMO-3-CHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROBENZENE	< 19	< 13	< 56	< 11	< 13
1,2-DICHLOROETHANE	< 9.4	< 6.3	< 28	< 5.6	< 6.4
1,2-DICHLOROETHENE (TOTAL)	< 9.4	6.5	590	< 5.6	< 6.4
1,2-DICHLOROPROPANE	< 9.4	< 6.3	< 28	< 5.6	< 6.4
1,3-DICHLOROBENZENE	< 19	< 13	< 56	< 11	< 13
1,4-DICHLOROBENZENE	< 19	< 13	< 56	< 11	< 13
2-BUTANONE	45	28	< 110	< 23	< 25
2-HEXANONE	< 38	< 25	< 110	< 23	< 25
4-METHYL-2-PENTANONE	< 38	< 25	< 110	< 23	< 25
ACETONE	260	130	< 110	< 23	62
BENZENE	< 9.4	< 6.3	< 28	< 5.6	< 6.4
BROMODICHLOROMETHANE	< 9.4	< 6.3	< 28	< 5.6	< 6.4
BROMOFORM	< 9.4	< 6.3	< 28	< 5.6	< 6.4
BROMOMETHANE	< 19	< 13	< 56	< 11	< 13
CARBON DISULFIDE	< 9.4	< 6.3	< 28	< 5.6	< 6.4
CARBON TETRACHLORIDE	< 9.4	< 6.3	< 28	< 5.6	< 6.4
CHLOROBENZENE	< 9.4	< 6.3	< 28	< 5.6	< 6.4
CHLOROETHANE	< 19	< 13	< 56	< 11	< 13
CHLOROFORM	< 9.4	< 6.3	< 28	< 5.6	< 6.4
CHLOROMETHANE	< 19	< 13	< 56	< 11	< 13
CIS-1,2-DICHLOROETHENE	< 4.7	6.5	580	< 2.8	< 3.2
CIS-1,3-DICHLOROPROPENE	< 9.4	< 6.3	< 28	< 5.6	< 6.4
CYCLOHEXANE					
DIBROMOCHLOROMETHANE	< 9.4	< 6.3	< 28	< 5.6	< 6.4
DICHLORODIFLUOROMETHANE					
ETHYLBENZENE	< 9.4	< 6.3	< 28	< 5.6	< 6.4
HEXACHLOROBUTADIENE	< 19	< 13	< 56	< 11	< 13
ISOPROPYLBENZENE					
METHYL ACETATE					
METHYL TERT-BUTYL ETHER					
METHYLCYCLOHEXANE					
METHYLENE CHLORIDE	< 9.4	< 6.3	< 28	< 5.6	< 6.4
NAPHTHALENE	< 19	< 13	< 56	< 11	< 13
N-HEXANE	< 9.4	< 6.3	< 28	< 5.6	< 6.4
STYRENE	< 9.4	< 6.3	< 28	< 5.6	< 6.4
TETRACHLOROETHENE	< 9.4	< 6.3	230	< 5.6	20
TOLUENE	< 9.4	< 6.3	< 28	< 5.6	< 6.4
TRANS-1,2-DICHLOROETHENE	< 4.7	< 3.1	< 14	< 2.8	< 3.2
TRANS-1,2-DICHLOROETHYLENE					
TRANS-1,3-DICHLOROPROPENE	< 9.4	< 6.3	< 28	< 5.6	< 6.4
TRICHLOROETHENE	< 9.4	< 6.3	110	< 5.6	< 6.4
TRICHLOROFLUOROMETHANE					
VINYL CHLORIDE	< 19	< 13	< 56	< 11	< 13
XYLENES (TOTAL)	< 9.4	< 6.3	< 28	< 5.6	< 6.4

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29a: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-100 / 08-10 2000-05-20 Soil SW5030 µg/kg	GP01-100 / 12-14 2000-05-20 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 6	< 5.6
1,1,2,2-TETRACHLOROETHANE	< 6	< 5.6
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE		
1,1,2-TRICHLOROETHANE	< 6	< 5.6
1,1-DICHLOROETHANE	< 6	< 5.6
1,1-DICHLOROETHENE	< 6	< 5.6
1,2,4-TRICHLOROBENZENE	< 12	< 11
1,2-DIBROMO-3-CHLOROPROPANE		
1,2-DIBROMOETHANE		
1,2-DICHLOROBENZENE	< 12	< 11
1,2-DICHLOROETHANE	< 6	< 5.6
1,2-DICHLOROETHENE (TOTAL)	60	< 5.6
1,2-DICHLOROPROPANE	< 6	< 5.6
1,3-DICHLOROBENZENE	< 12	< 11
1,4-DICHLOROBENZENE	< 12	< 11
2-BUTANONE	< 24	< 22
2-HEXANONE	< 24	< 22
4-METHYL-2-PENTANONE	< 24	< 22
ACETONE	< 24	< 22
BENZENE	< 6	< 5.6
BROMODICHLOROMETHANE	< 6	< 5.6
BROMOFORM	< 6	< 5.6
BROMOMETHANE	< 12	< 11
CARBON DISULFIDE	< 6	< 5.6
CARBON TETRACHLORIDE	< 6	< 5.6
CHLOROBENZENE	< 6	< 5.6
CHLOROETHANE	< 12	< 11
CHLOROFORM	< 6	< 5.6
CHLOROMETHANE	< 12	< 11
CIS-1,2-DICHLOROETHENE	59	< 2.8
CIS-1,3-DICHLOROPROPENE	< 6	< 5.6
CYCLOHEXANE		
DIBROMOCHLOROMETHANE	< 6	< 5.6
DICHLORODIFLUOROMETHANE		
ETHYLBENZENE	< 6	< 5.6
HEXACHLOROBUTADIENE	< 12	< 11
ISOPROPYLBENZENE		
METHYL ACETATE		
METHYL TERT-BUTYL ETHER		
METHYLCYCLOHEXANE		
METHYLENE CHLORIDE	< 6	< 5.6
NAPHTHALENE	< 12	< 11
N-HEXANE	< 6	< 5.6
STYRENE	< 6	< 5.6
TETRACHLOROETHENE	120	< 5.6
TOLUENE	< 6	< 5.6
TRANS-1,2-DICHLOROETHENE	< 3	< 2.8
TRANS-1,2-DICHLOROETHYLENE		
TRANS-1,3-DICHLOROPROPENE	< 6	< 5.6
TRICHLOROETHENE	21	< 5.6
TRICHLOROFLUOROMETHANE		
VINYL CHLORIDE	20	< 11
XYLENES (TOTAL)	< 6	< 5.6

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
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bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-101 / 00-02 2000-05-20 Soil SW5030 µg/kg	GP01-101 / 04-06 2000-05-20 Soil SW5030 µg/kg	GP01-101 / 08-10 2000-05-20 Soil SW5030 µg/kg	GP01-101 / 12-14 2000-05-20 Soil SW5030 µg/kg	GP01-101 / 16-18 2000-05-20 Soil SW5030 µg/kg	GP01-102 / 00-02 2000-05-20 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 5.6	< 6.4	< 6.1	< 5.6	< 690	< 5.8
1,1,2,2-TETRACHLOROETHANE	< 5.6	< 6.4	< 6.1	< 5.6	< 690	< 5.8
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE						
1,1,2-TRICHLOROETHANE	< 5.6	< 6.4	< 6.1	< 5.6	< 690	< 5.8
1,1-DICHLOROETHANE	< 5.6	< 6.4	< 6.1	< 5.6	< 690	< 5.8
1,1-DICHLOROETHENE	< 5.6	< 6.4	< 6.1	< 5.6	< 690	< 5.8
1,2,4-TRICHLOROBENZENE	< 11	< 13	< 12	< 11	< 1400	< 12
1,2-DIBROMO-3-CHLOROPROPANE						
1,2-DIBROMOETHANE						
1,2-DICHLOROBENZENE	< 11	< 13	< 12	< 11	< 1400	< 12
1,2-DICHLOROETHANE	< 5.6	< 6.4	< 6.1	< 5.6	< 690	< 5.8
1,2-DICHLOROETHENE (TOTAL)	< 5.6	< 6.4	< 6.1	14	< 690	< 5.8
1,2-DICHLOROPROPANE	< 5.6	< 6.4	< 6.1	< 5.6	< 690	< 5.8
1,3-DICHLOROBENZENE	< 11	< 13	< 12	< 11	< 1400	< 12
1,4-DICHLOROBENZENE	< 11	< 13	< 12	< 11	< 1400	< 12
2-BUTANONE	< 22	< 25	< 24	< 22	< 2700	< 23
2-HEXANONE	< 22	< 25	< 24	< 22	< 2700	< 23
4-METHYL-2-PENTANONE	< 22	< 25	< 24	< 22	< 2700	< 23
ACETONE	< 22	55	< 24	< 22	< 2700	< 23
BENZENE	< 5.6	< 6.4	< 6.1	< 5.6	< 690	< 5.8
BROMODICHLOROMETHANE	< 5.6	< 6.4	< 6.1	< 5.6	< 690	< 5.8
BROMOFORM	< 5.6	< 6.4	< 6.1	< 5.6	< 690	< 5.8
BROMOMETHANE	< 11	< 13	< 12	< 11	< 1400	< 12
CARBON DISULFIDE	< 5.6	< 6.4	< 6.1	< 5.6	< 690	< 5.8
CARBON TETRACHLORIDE	< 5.6	< 6.4	< 6.1	< 5.6	< 690	< 5.8
CHLOROBENZENE	< 5.6	< 6.4	< 6.1	< 5.6	< 690	< 5.8
CHLOROETHANE	< 11	< 13	< 12	< 11	< 1400	< 12
CHLOROFORM	< 5.6	< 6.4	< 6.1	< 5.6	< 690	< 5.8
CHLOROMETHANE	< 11	< 13	< 12	< 11	< 1400	< 12
CIS-1,2-DICHLOROETHENE	< 2.8	< 3.2	< 3	14	< 340	< 2.9
CIS-1,3-DICHLOROPROPENE	< 5.6	< 6.4	< 6.1	< 5.6	< 690	< 5.8
CYCLOHEXANE						
DIBROMOCHLOROMETHANE	< 5.6	< 6.4	< 6.1	< 5.6	< 690	< 5.8
DICHLORODIFLUOROMETHANE						
ETHYLBENZENE	< 5.6	< 6.4	< 6.1	< 5.6	< 690	< 5.8
HEXACHLOROBUTADIENE	< 11	< 13	< 12	< 11	< 1400	< 12
ISOPROPYLBENZENE						
METHYL ACETATE						
METHYL TERT-BUTYL ETHER						
METHYLCYCLOHEXANE						
METHYLENE CHLORIDE	< 5.6	< 6.4	< 6.1	< 5.6	< 690	< 5.8
NAPHTHALENE	< 11	< 13	< 12	< 11	< 1400	< 12
N-HEXANE	< 5.6	< 6.4	< 6.1	< 5.6	< 690	< 5.8
STYRENE	< 5.6	< 6.4	< 6.1	< 5.6	< 690	< 5.8
TETRACHLOROETHENE	< 5.6	< 6.4	< 6.1	< 5.6	6600	6.5
TOLUENE	< 5.6	< 6.4	< 6.1	< 5.6	< 690	< 5.8
TRANS-1,2-DICHLOROETHENE	< 2.8	< 3.2	< 3	< 2.8	< 340	< 2.9
TRANS-1,2-DICHLOROETHYLENE						
TRANS-1,3-DICHLOROPROPENE	< 5.6	< 6.4	< 6.1	< 5.6	< 690	< 5.8
TRICHLOROETHENE	< 5.6	< 6.4	< 6.1	< 5.6	< 690	< 5.8
TRICHLOROFLUOROMETHANE						
VINYL CHLORIDE	< 11	< 13	< 12	< 11	< 1400	< 12
XYLENES (TOTAL)	< 5.6	< 6.4	< 6.1	< 5.6	< 690	< 5.8

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-102 / 04-06 2000-05-20 Soil SW5030 µg/kg	GP01-102 / 08-10 2000-05-20 Soil SW5030 µg/kg	GP01-102 / 12-14 2000-05-20 Soil SW5030 µg/kg	GP01-103 / 00-02 2000-05-20 Soil SW5030 µg/kg	GP01-103 / 04-06 2000-05-20 Soil SW5030 µg/kg	GP01-103 / 08-10 2000-05-20 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 6.3	< 6.3	< 5.6	< 5.3	< 6.1	< 5.9
1,1,2,2-TETRACHLOROETHANE	< 6.3	< 6.3	< 5.6	< 5.3	< 6.1	< 5.9
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE						
1,1,2-TRICHLOROETHANE	< 6.3	< 6.3	< 5.6	< 5.3	< 6.1	< 5.9
1,1-DICHLOROETHANE	< 6.3	< 6.3	< 5.6	< 5.3	< 6.1	< 5.9
1,1-DICHLOROETHENE	< 6.3	< 6.3	< 5.6	< 5.3	< 6.1	< 5.9
1,2,4-TRICHLOROBENZENE	< 13	< 13	< 11	< 11	< 12	< 12
1,2-DIBROMO-3-CHLOROPROPANE						
1,2-DIBROMOETHANE						
1,2-DICHLOROBENZENE	< 13	< 13	< 11	< 11	< 12	< 12
1,2-DICHLOROETHANE	< 6.3	< 6.3	< 5.6	< 5.3	< 6.1	< 5.9
1,2-DICHLOROETHENE (TOTAL)	< 6.3	8.6	5.9	< 5.3	< 6.1	< 5.9
1,2-DICHLOROPROPANE	< 6.3	< 6.3	< 5.6	< 5.3	< 6.1	< 5.9
1,3-DICHLOROBENZENE	< 13	< 13	< 11	< 11	< 12	< 12
1,4-DICHLOROBENZENE	< 13	< 13	< 11	< 11	< 12	< 12
2-BUTANONE	< 25	< 25	< 23	< 21	< 25	< 24
2-HEXANONE	< 25	< 25	< 23	< 21	< 25	< 24
4-METHYL-2-PENTANONE	< 25	< 25	< 23	< 21	< 25	< 24
ACETONE	< 25	< 25	< 23	< 21	< 25	< 24
BENZENE	< 6.3	< 6.3	< 5.6	< 5.3	< 6.1	< 5.9
BROMODICHLOROMETHANE	< 6.3	< 6.3	< 5.6	< 5.3	< 6.1	< 5.9
BROMOFORM	< 6.3	< 6.3	< 5.6	< 5.3	< 6.1	< 5.9
BROMOMETHANE	< 13	< 13	< 11	< 11	< 12	< 12
CARBON DISULFIDE	< 6.3	< 6.3	< 5.6	< 5.3	< 6.1	< 5.9
CARBON TETRACHLORIDE	< 6.3	< 6.3	< 5.6	< 5.3	< 6.1	< 5.9
CHLOROBENZENE	< 6.3	< 6.3	< 5.6	< 5.3	< 6.1	< 5.9
CHLOROETHANE	< 13	< 13	< 11	< 11	< 12	< 12
CHLOROFORM	< 6.3	< 6.3	< 5.6	< 5.3	< 6.1	9.3
CHLOROMETHANE	< 13	< 13	< 11	< 11	< 12	< 12
CIS-1,2-DICHLOROETHENE	< 3.2	8.6	5.9	< 2.6	< 3.1	< 3
CIS-1,3-DICHLOROPROPENE	< 6.3	< 6.3	< 5.6	< 5.3	< 6.1	< 5.9
CYCLOHEXANE						
DIBROMOCHLOROMETHANE	< 6.3	< 6.3	< 5.6	< 5.3	< 6.1	< 5.9
DICHLORODIFLUOROMETHANE						
ETHYLBENZENE	< 6.3	< 6.3	< 5.6	< 5.3	< 6.1	< 5.9
HEXACHLOROBUTADIENE	< 13	< 13	< 11	< 11	< 12	< 12
ISOPROPYLBENZENE						
METHYL ACETATE						
METHYL TERT-BUTYL ETHER						
METHYLCYCLOHEXANE						
METHYLENE CHLORIDE	< 6.3	< 6.3	< 5.6	< 5.3	< 6.1	< 5.9
NAPHTHALENE	< 13	< 13	< 11	< 11	< 12	< 12
N-HEXANE	< 6.3	< 6.3	< 5.6	< 5.3	< 6.1	< 5.9
STYRENE	< 6.3	< 6.3	< 5.6	< 5.3	< 6.1	< 5.9
TETRACHLOROETHENE	< 6.3	15	< 5.6	< 5.3	7.8	6.4
TOLUENE	< 6.3	< 6.3	< 5.6	< 5.3	< 6.1	< 5.9
TRANS-1,2-DICHLOROETHENE	< 3.2	< 3.1	< 2.8	< 2.6	< 3.1	< 3
TRANS-1,2-DICHLOROETHYLENE						
TRANS-1,3-DICHLOROPROPENE	< 6.3	< 6.3	< 5.6	< 5.3	< 6.1	< 5.9
TRICHLOROETHENE	< 6.3	< 6.3	< 5.6	< 5.3	< 6.1	< 5.9
TRICHLOROFLUOROMETHANE						
VINYL CHLORIDE	< 13	< 13	< 11	< 11	< 12	< 12
XYLENES (TOTAL)	< 6.3	< 6.3	< 5.6	< 5.3	< 6.1	< 5.9

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-103 / 14-16 2000-05-20 Soil SW5030 µg/kg	GP01-104 / 00-02 2000-05-21 Soil SW5030 µg/kg	GP01-104 / 04-06 2000-05-21 Soil SW5030 µg/kg	GP01-104 / 08-10 2000-05-21 Soil SW5030 µg/kg	GP01-104 / 12-14 2000-05-21 Soil SW5030 µg/kg	GP01-105 / 00-02 2000-05-22 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 5.5	< 6.1	< 5.2	< 5.8	< 5.5	< 6.1
1,1,2,2-TETRACHLOROETHANE	< 5.5	< 6.1	< 5.2	< 5.8	< 5.5	< 6.1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE						
1,1,2-TRICHLOROETHANE	< 5.5	< 6.1	< 5.2	< 5.8	< 5.5	< 6.1
1,1-DICHLOROETHANE	< 5.5	< 6.1	< 5.2	< 5.8	< 5.5	< 6.1
1,1-DICHLOROETHENE	< 5.5	< 6.1	< 5.2	< 5.8	< 5.5	< 6.1
1,2,4-TRICHLOROBENZENE	< 11	< 12	< 10	< 12	< 11	< 12
1,2-DIBROMO-3-CHLOROPROPANE						
1,2-DIBROMOETHANE						
1,2-DICHLOROBENZENE	< 11	< 12	< 10	< 12	< 11	< 12
1,2-DICHLOROETHANE	< 5.5	< 6.1	< 5.2	< 5.8	< 5.5	< 6.1
1,2-DICHLOROETHENE (TOTAL)	< 5.5	< 6.1	< 5.2	< 5.8	< 5.5	< 6.1
1,2-DICHLOROPROPANE	< 5.5	< 6.1	< 5.2	< 5.8	< 5.5	< 6.1
1,3-DICHLOROBENZENE	< 11	< 12	< 10	< 12	< 11	< 12
1,4-DICHLOROBENZENE	< 11	< 12	< 10	< 12	< 11	< 12
2-BUTANONE	< 22	< 24	< 21	< 23	< 22	< 24
2-HEXANONE	< 22	< 24	< 21	< 23	< 22	< 24
4-METHYL-2-PENTANONE	< 22	< 24	< 21	< 23	< 22	< 24
ACETONE	< 22	< 24	< 21	< 23	< 22	< 24
BENZENE	< 5.5	< 6.1	< 5.2	< 5.8	< 5.5	< 6.1
BROMODICHLOROMETHANE	< 5.5	< 6.1	< 5.2	< 5.8	< 5.5	< 6.1
BROMOFORM	< 5.5	< 6.1	< 5.2	< 5.8	< 5.5	< 6.1
BROMOMETHANE	< 11	< 12	< 10	< 12	< 11	< 12
CARBON DISULFIDE	< 5.5	< 6.1	< 5.2	< 5.8	< 5.5	< 6.1
CARBON TETRACHLORIDE	< 5.5	< 6.1	< 5.2	< 5.8	< 5.5	< 6.1
CHLOROBENZENE	< 5.5	< 6.1	< 5.2	< 5.8	< 5.5	< 6.1
CHLOROETHANE	< 11	< 12	< 10	< 12	< 11	< 12
CHLOROFORM	< 5.5	< 6.1	< 5.2	< 5.8	< 5.5	< 6.1
CHLOROMETHANE	< 11	< 12	< 10	< 12	< 11	< 12
CIS-1,2-DICHLOROETHENE	< 2.8	< 3	< 2.6	< 2.9	< 2.7	< 3.1
CIS-1,3-DICHLOROPROPENE	< 5.5	< 6.1	< 5.2	< 5.8	< 5.5	< 6.1
CYCLOHEXANE						
DIBROMOCHLOROMETHANE	< 5.5	< 6.1	< 5.2	< 5.8	< 5.5	< 6.1
DICHLORODIFLUOROMETHANE						
ETHYLBENZENE	< 5.5	< 6.1	< 5.2	< 5.8	< 5.5	< 6.1
HEXACHLOROBUTADIENE	< 11	< 12	< 10	< 12	< 11	< 12
ISOPROPYLBENZENE						
METHYL ACETATE						
METHYL TERT-BUTYL ETHER						
METHYLCYCLOHEXANE						
METHYLENE CHLORIDE	< 5.5	< 6.1	< 5.2	< 5.8	< 5.5	< 6.1
NAPHTHALENE	< 11	< 12	< 10	< 12	< 11	< 12
N-HEXANE	< 5.5	< 6.1	< 5.2	< 5.8	< 5.5	< 6.1
STYRENE	< 5.5	< 6.1	< 5.2	< 5.8	< 5.5	< 6.1
TETRACHLOROETHENE	< 5.5	< 6.1	< 5.2	< 5.8	< 5.5	< 6.1
TOLUENE	< 5.5	< 6.1	< 5.2	< 5.8	< 5.5	< 6.1
TRANS-1,2-DICHLOROETHENE	< 2.8	< 3	< 2.6	< 2.9	< 2.7	< 3.1
TRANS-1,2-DICHLOROETHYLENE						
TRANS-1,3-DICHLOROPROPENE	< 5.5	< 6.1	< 5.2	< 5.8	< 5.5	< 6.1
TRICHLOROETHENE	< 5.5	< 6.1	< 5.2	< 5.8	< 5.5	< 6.1
TRICHLOROFLUOROMETHANE						
VINYL CHLORIDE	< 11	< 12	< 10	< 12	< 11	< 12
XYLENES (TOTAL)	< 5.5	< 6.1	< 5.2	< 5.8	< 5.5	< 6.1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-105 / 04-06 2000-05-22 Soil SW5030 µg/kg	GP01-105 / 08-10 2000-05-22 Soil SW5030 µg/kg	GP01-105 / 12-14 2000-05-22 Soil SW5030 µg/kg	GP01-106 / 00-02 2000-05-22 Soil SW5030 µg/kg	GP01-106 / 04-06 2000-05-22 Soil SW5030 µg/kg	GP01-106 / 08-10 2000-05-22 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 6.2	< 5.6	< 5.5	< 5.7	< 6.2	< 720
1,1,2,2-TETRACHLOROETHANE	< 6.2	< 5.6	< 5.5	< 5.7	< 6.2	< 720
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE						
1,1,2-TRICHLOROETHANE	< 6.2	< 5.6	< 5.5	< 5.7	< 6.2	< 720
1,1-DICHLOROETHANE	< 6.2	< 5.6	< 5.5	< 5.7	< 6.2	< 720
1,1-DICHLOROETHENE	< 6.2	< 5.6	< 5.5	< 5.7	< 6.2	< 720
1,2,4-TRICHLOROBENZENE	< 12	< 11	< 11	< 11	< 12	< 1400
1,2-DIBROMO-3-CHLOROPROPANE						
1,2-DIBROMOETHANE						
1,2-DICHLOROBENZENE	< 12	< 11	< 11	< 11	< 12	< 1400
1,2-DICHLOROETHANE	< 6.2	< 5.6	< 5.5	< 5.7	< 6.2	< 720
1,2-DICHLOROETHENE (TOTAL)	< 6.2	< 5.6	< 5.5	< 5.7	< 6.2	< 720
1,2-DICHLOROPROPANE	< 6.2	< 5.6	< 5.5	< 5.7	< 6.2	< 720
1,3-DICHLOROBENZENE	< 12	< 11	< 11	< 11	< 12	< 1400
1,4-DICHLOROBENZENE	< 12	< 11	< 11	< 11	< 12	< 1400
2-BUTANONE	< 25	< 23	< 22	< 23	< 25	< 2900
2-HEXANONE	< 25	< 23	< 22	< 23	< 25	< 2900
4-METHYL-2-PENTANONE	< 25	< 23	< 22	< 23	< 25	< 2900
ACETONE	< 25	< 23	< 22	< 23	< 25	< 2900
BENZENE	< 6.2	< 5.6	< 5.5	< 5.7	< 6.2	< 720
BROMODICHLOROMETHANE	< 6.2	< 5.6	< 5.5	< 5.7	< 6.2	< 720
BROMOFORM	< 6.2	< 5.6	< 5.5	< 5.7	< 6.2	< 720
BROMOMETHANE	< 12	< 11	< 11	< 11	< 12	< 1400
CARBON DISULFIDE	< 6.2	< 5.6	< 5.5	< 5.7	< 6.2	< 720
CARBON TETRACHLORIDE	< 6.2	< 5.6	< 5.5	< 5.7	< 6.2	< 720
CHLOROBENZENE	< 6.2	< 5.6	< 5.5	< 5.7	< 6.2	< 720
CHLOROETHANE	< 12	< 11	< 11	< 11	< 12	< 1400
CHLOROFORM	< 6.2	< 5.6	< 5.5	< 5.7	< 6.2	< 720
CHLOROMETHANE	< 12	< 11	< 11	< 11	< 12	< 1400
CIS-1,2-DICHLOROETHENE	< 3.1	< 2.8	< 2.8	< 2.8	< 3.1	< 360
CIS-1,3-DICHLOROPROPENE	< 6.2	< 5.6	< 5.5	< 5.7	< 6.2	< 720
CYCLOHEXANE						
DIBROMOCHLOROMETHANE	< 6.2	< 5.6	< 5.5	< 5.7	< 6.2	< 720
DICHLORODIFLUOROMETHANE						
ETHYLBENZENE	< 6.2	< 5.6	< 5.5	< 5.7	< 6.2	< 720
HEXACHLOROBUTADIENE	< 12	< 11	< 11	< 11	< 12	< 1400
ISOPROPYLBENZENE						
METHYL ACETATE						
METHYL TERT-BUTYL ETHER						
METHYLCYCLOHEXANE						
METHYLENE CHLORIDE	< 6.2	< 5.6	< 5.5	< 5.7	< 6.2	< 720
NAPHTHALENE	< 12	< 11	< 11	< 11	< 12	< 1400
N-HEXANE	< 6.2	< 5.6	< 5.5	< 5.7	< 6.2	< 720
STYRENE	< 6.2	< 5.6	< 5.5	< 5.7	< 6.2	< 720
TETRACHLOROETHENE	64	35	< 5.5	6.8	11	8300
TOLUENE	< 6.2	< 5.6	< 5.5	< 5.7	< 6.2	< 720
TRANS-1,2-DICHLOROETHENE	< 3.1	< 2.8	< 2.8	< 2.8	< 3.1	< 360
TRANS-1,2-DICHLOROETHYLENE						
TRANS-1,3-DICHLOROPROPENE	< 6.2	< 5.6	< 5.5	< 5.7	< 6.2	< 720
TRICHLOROETHENE	< 6.2	20	< 5.5	< 5.7	< 6.2	< 720
TRICHLOROFLUOROMETHANE						
VINYL CHLORIDE	< 12	< 11	< 11	< 11	< 12	< 1400
XYLENES (TOTAL)	< 6.2	< 5.6	< 5.5	< 5.7	< 6.2	< 720

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-106 / 12-14 2000-05-22 Soil SW5030 µg/kg	GP01-107 / 00-02 2000-05-22 Soil SW5030 µg/kg	GP01-107 / 04-06 2000-05-22 Soil SW5030 µg/kg	GP01-107 / 12-14 2000-05-22 Soil SW5030 µg/kg	GP01-108 / 00-02 2000-05-22 Soil SW5030 µg/kg	GP01-108 / 04-06 2000-05-22 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 5.6	< 5.8	< 6.7	< 5.6	< 5.8	< 760
1,1,2,2-TETRACHLOROETHANE	< 5.6	< 5.8	< 6.7	< 5.6	< 5.8	< 760
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE						
1,1,2-TRICHLOROETHANE	< 5.6	< 5.8	< 6.7	< 5.6	< 5.8	< 760
1,1-DICHLOROETHANE	< 5.6	< 5.8	< 6.7	< 5.6	< 5.8	< 760
1,1-DICHLOROETHENE	< 5.6	< 5.8	< 6.7	< 5.6	< 5.8	< 760
1,2,4-TRICHLOROBENZENE	< 11	< 12	< 13	< 11	< 12	< 1500
1,2-DIBROMO-3-CHLOROPROPANE						
1,2-DIBROMOETHANE						
1,2-DICHLOROBENZENE	< 11	< 12	< 13	< 11	< 12	< 1500
1,2-DICHLOROETHANE	< 5.6	< 5.8	< 6.7	< 5.6	< 5.8	< 760
1,2-DICHLOROETHENE (TOTAL)	< 5.6	< 5.8	< 6.7	< 5.6	< 5.8	< 760
1,2-DICHLOROPROPANE	< 5.6	< 5.8	< 6.7	< 5.6	< 5.8	< 760
1,3-DICHLOROBENZENE	< 11	< 12	< 13	< 11	< 12	< 1500
1,4-DICHLOROBENZENE	< 11	< 12	< 13	< 11	< 12	< 1500
2-BUTANONE	< 22	< 23	< 27	< 22	< 23	< 3000
2-HEXANONE	< 22	< 23	< 27	< 22	< 23	< 3000
4-METHYL-2-PENTANONE	< 22	< 23	< 27	< 22	< 23	< 3000
ACETONE	< 22	< 23	< 27	< 22	< 23	< 3000
BENZENE	< 5.6	< 5.8	< 6.7	< 5.6	< 5.8	< 760
BROMODICHLOROMETHANE	< 5.6	< 5.8	< 6.7	< 5.6	< 5.8	< 760
BROMOFORM	< 5.6	< 5.8	< 6.7	< 5.6	< 5.8	< 760
BROMOMETHANE	< 11	< 12	< 13	< 11	< 12	< 1500
CARBON DISULFIDE	< 5.6	< 5.8	< 6.7	< 5.6	< 5.8	< 760
CARBON TETRACHLORIDE	< 5.6	< 5.8	< 6.7	< 5.6	< 5.8	< 760
CHLOROBENZENE	< 5.6	< 5.8	< 6.7	< 5.6	< 5.8	< 760
CHLOROETHANE	< 11	< 12	< 13	< 11	< 12	< 1500
CHLOROFORM	< 5.6	< 5.8	< 6.7	< 5.6	< 5.8	< 760
CHLOROMETHANE	< 11	< 12	< 13	< 11	< 12	< 1500
CIS-1,2-DICHLOROETHENE	< 2.8	< 2.9	< 3.3	< 2.8	< 2.9	< 380
CIS-1,3-DICHLOROPROPENE	< 5.6	< 5.8	< 6.7	< 5.6	< 5.8	< 760
CYCLOHEXANE						
DIBROMOCHLOROMETHANE	< 5.6	< 5.8	< 6.7	< 5.6	< 5.8	< 760
DICHLORODIFLUOROMETHANE						
ETHYLBENZENE	< 5.6	< 5.8	< 6.7	< 5.6	< 5.8	< 760
HEXACHLOROBUTADIENE	< 11	< 12	< 13	< 11	< 12	< 1500
ISOPROPYLBENZENE						
METHYL ACETATE						
METHYL TERT-BUTYL ETHER						
METHYLCYCLOHEXANE						
METHYLENE CHLORIDE	< 5.6	< 5.8	< 6.7	< 5.6	< 5.8	< 760
NAPHTHALENE	< 11	< 12	< 13	< 11	< 12	< 1500
N-HEXANE	< 5.6	< 5.8	< 6.7	< 5.6	< 5.8	< 760
STYRENE	< 5.6	< 5.8	< 6.7	< 5.6	< 5.8	< 760
TETRACHLOROETHENE	< 5.6	< 5.8	58	37	23	12000
TOLUENE	< 5.6	< 5.8	< 6.7	< 5.6	< 5.8	< 760
TRANS-1,2-DICHLOROETHENE	< 2.8	< 2.9	< 3.3	< 2.8	< 2.9	< 380
TRANS-1,2-DICHLOROETHYLENE						
TRANS-1,3-DICHLOROPROPENE	< 5.6	< 5.8	< 6.7	< 5.6	< 5.8	< 760
TRICHLOROETHENE	< 5.6	< 5.8	< 6.7	< 5.6	< 5.8	< 760
TRICHLOROFLUOROMETHANE						
VINYL CHLORIDE	< 11	< 12	< 13	< 11	< 12	< 1500
XYLENES (TOTAL)	< 5.6	< 5.8	< 6.7	< 5.6	< 5.8	< 760

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-108 / 08-10 2000-05-22 Soil SW5030 µg/kg	GP01-108 / 12-14 2000-05-22 Soil SW5030 µg/kg	GP01-111 / 09_5-11_5 2003-11-12 Soil SW5035 µg/kg	GP01-111 / 14-16 2003-11-12 Soil SW5035 µg/kg	GP01-112 / 00-02 2003-11-12 Soil SW5035 µg/kg	GP01-112 / 11-14 2003-11-13 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 710	< 11	< 4.6	< 4.3	< 5.1	< 200
1,1,2,2-TETRACHLOROETHANE	< 710	< 11	< 4.6	< 4.3	< 5.1	< 200
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE			< 4.6	< 4.3	< 5.1	< 200
1,1,2-TRICHLOROETHANE	< 710	< 11	< 4.6	< 4.3	< 5.1	< 200
1,1-DICHLOROETHANE	< 710	< 11	< 4.6	< 4.3	< 5.1	< 200
1,1-DICHLOROETHENE	< 710	< 11	< 4.6	< 4.3	< 5.1	< 200
1,2,4-TRICHLOROBENZENE	< 1400	< 22	< 4.6	< 4.3	< 5.1	< 200
1,2-DIBROMO-3-CHLOROPROPANE			< 9.2	< 8.7	< 10	< 410
1,2-DIBROMOETHANE			< 4.6	< 4.3	< 5.1	< 200
1,2-DICHLOROBENZENE	< 1400	< 22	< 4.6	< 4.3	< 5.1	< 200
1,2-DICHLOROETHANE	< 710	< 11	< 4.6	< 4.3	< 5.1	< 200
1,2-DICHLOROETHENE (TOTAL)	< 710	< 11				
1,2-DICHLOROPROPANE	< 710	< 11	< 4.6	< 4.3	< 5.1	< 200
1,3-DICHLOROBENZENE	< 1400	< 22	< 4.6	< 4.3	< 5.1	< 200
1,4-DICHLOROBENZENE	< 1400	< 22	< 4.6	< 4.3	< 5.1	< 200
2-BUTANONE	< 2800	< 45	< 18	< 17	< 20	< 820
2-HEXANONE	< 2800	< 45	< 18	< 17	< 20	< 820
4-METHYL-2-PENTANONE	< 2800	< 45	< 18	< 17	< 20	< 820
ACETONE	< 2800	< 45	9.1 J r	8.1 J r	< 20	250 J B r
BENZENE	< 710	< 11	< 4.6	< 4.3	< 5.1	< 200
BROMODICHLOROMETHANE	< 710	< 11	< 4.6	< 4.3	< 5.1	< 200
BROMOFORM	< 710	< 11	< 4.6	< 4.3	< 5.1	< 200
BROMOMETHANE	< 1400	< 22	< 4.6	< 4.3	< 5.1	< 200
CARBON DISULFIDE	< 710	< 11	< 4.6	< 4.3	< 5.1	< 200
CARBON TETRACHLORIDE	< 710	< 11	< 4.6	< 4.3	< 5.1	< 200
CHLOROBENZENE	< 710	< 11	< 4.6	< 4.3	< 5.1	< 200
CHLOROETHANE	< 1400	< 22	< 4.6	< 4.3	< 5.1	< 200
CHLOROFORM	< 710	< 11	< 4.6	< 4.3	< 5.1	< 200
CHLOROMETHANE	< 1400	< 22	< 4.6	< 4.3	< 5.1	< 200
CIS-1,2-DICHLOROETHENE	< 350	< 5.6	< 2.3	< 2.2	< 2.5	45 J
CIS-1,3-DICHLOROPROPENE	< 710	< 11	< 4.6	< 4.3	< 5.1	< 200
CYCLOHEXANE			< 9.2	< 8.7	< 10	< 410
DIBROMOCHLOROMETHANE	< 710	< 11	< 4.6	< 4.3	< 5.1	< 200
DICHLORODIFLUOROMETHANE			< 4.6	< 4.3	< 5.1	< 200
ETHYLBENZENE	< 710	< 11	< 4.6	< 4.3	< 5.1	< 200
HEXACHLOROBUTADIENE	< 1400	< 22				
ISOPROPYLBENZENE			< 4.6	< 4.3	< 5.1	< 200
METHYL ACETATE			< 9.2	< 8.7	< 10	< 410
METHYL TERT-BUTYL ETHER			< 18	< 17	< 20	< 820
METHYLCYCLOHEXANE			< 9.2	< 8.7	< 10	< 410
METHYLENE CHLORIDE	< 710	< 11	< 4.6	< 4.3	< 5.1	< 200
NAPHTHALENE	< 1400	< 22				
N-HEXANE	< 710	< 11				
STYRENE	< 710	< 11	< 4.6	< 4.3	< 5.1	< 200
TETRACHLOROETHENE	21000	300 j	< 4.6	< 4.3	< 5.1	2500
TOLUENE	< 710	< 11	< 4.6	< 4.3	< 5.1	< 200
TRANS-1,2-DICHLOROETHENE	< 350	< 5.6	< 2.3	< 2.2	< 2.5	< 100
TRANS-1,2-DICHLOROETHYLENE						
TRANS-1,3-DICHLOROPROPENE	< 710	< 11	< 4.6	< 4.3	< 5.1	< 200
TRICHLOROETHENE	< 710	80 j	< 4.6	< 4.3	< 5.1	510
TRICHLOROFLUOROMETHANE			< 4.6	< 4.3	< 5.1	< 200
VINYL CHLORIDE	< 1400	< 22	< 4.6	< 4.3	< 5.1	< 200
XYLENES (TOTAL)	< 710	< 11	< 4.6	< 4.3	< 5.1	< 200

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-112 / 16-16_5 2003-11-12 Soil SW5035 µg/kg	GP01-113 / 00-02 2003-11-13 Soil SW5035 µg/kg	GP01-113 / 06-08 DUP 2003-11-14 Soil SW5035 µg/kg	GP01-113 / 06-08 2003-11-14 Soil SW5035 µg/kg	GP01-113 / 10_5-12_5 2003-11-13 Soil SW5035 µg/kg	GP01-114 / 00-02 2003-11-13 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
1,1,2,2-TETRACHLOROETHANE	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
1,1,2-TRICHLOROETHANE	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
1,1-DICHLOROETHANE	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
1,1-DICHLOROETHENE	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
1,2,4-TRICHLOROBENZENE	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
1,2-DIBROMO-3-CHLOROPROPANE	< 9.1 uj	< 9.2	< 10	< 620	< 7.9	< 11
1,2-DIBROMOETHANE	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
1,2-DICHLOROBENZENE	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
1,2-DICHLOROETHANE	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
1,3-DICHLOROBENZENE	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
1,4-DICHLOROBENZENE	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
2-BUTANONE	< 18 uj	< 18	< 20	< 1200	< 820	< 21
2-HEXANONE	< 18 uj	< 18	< 20	< 1200	< 820	< 21
4-METHYL-2-PENTANONE	< 18 uj	< 18	< 20	< 1200	< 820	< 21
ACETONE	7.7 J jr	< 18	< 20	350 J B r	7.2 J r	< 21
BENZENE	< 4.6 uj	< 4.6	< 5	< 310	2.9 J	< 5.4
BROMODICHLOROMETHANE	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
BROMOFORM	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
BROMOMETHANE	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
CARBON DISULFIDE	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
CARBON TETRACHLORIDE	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
CHLOROBENZENE	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
CHLOROETHANE	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
CHLOROFORM	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
CHLOROMETHANE	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
CIS-1,2-DICHLOROETHENE	1.2 J j	< 2.3	< 2.5	< 160	7.3	< 2.7
CIS-1,3-DICHLOROPROPENE	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
CYCLOHEXANE	< 9.1 uj	< 9.2	< 10	< 620	< 7.9	< 11
DIBROMOCHLOROMETHANE	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
DICHLORODIFLUOROMETHANE	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
ETHYLBENZENE	< 4.6 uj	< 4.6	< 5	< 310	0.46 J	< 5.4
HEXACHLOROBUTADIENE						
ISOPROPYLBENZENE	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
METHYL ACETATE	< 9.1 uj	< 9.2	< 10	< 620	< 7.9	< 11
METHYL TERT-BUTYL ETHER	< 18 uj	< 18	< 20	< 1200	< 820	< 21
METHYLCYCLOHEXANE	< 9.1 uj	< 9.2	< 10	< 620	< 7.9	< 11
METHYLENE CHLORIDE	< 4.6 uj	< 4.6	1.3 J B	< 310	< 3.9	< 5.4
NAPHTHALENE						
N-HEXANE						
STYRENE	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
TETRACHLOROETHENE	< 4.6 uj	3.7 J	< 5	2900	470	0.67 J
TOLUENE	< 4.6 uj	< 4.6	< 5	< 310	0.38 J	< 5.4
TRANS-1,2-DICHLOROETHENE	< 2.3 uj	< 2.3	< 2.5	< 160	0.49 J	< 2.7
TRANS-1,2-DICHLOROETHYLENE						
TRANS-1,3-DICHLOROPROPENE	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
TRICHLOROETHENE	< 4.6 uj	< 4.6	< 5	220 J	130 J	< 5.4
TRICHLOROFLUOROMETHANE	< 4.6 uj	< 4.6	< 5	< 310	< 3.9	< 5.4
VINYL CHLORIDE	< 4.6 uj	< 4.6	< 5	< 310	3.7 J	< 5.4
XYLENES (TOTAL)	< 4.6 uj	< 4.6	< 5	< 310	1.1 J	< 5.4

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-114 / 07-08_5 2003-11-14 Soil SW5035 µg/kg	GP01-114 / 08_5-10_5 2003-11-13 Soil SW5035 µg/kg	GP01-115 / 05-07 2003-11-14 Soil SW5035 µg/kg	GP01-115 / 11-12_5 2003-11-14 Soil SW5035 µg/kg	GP01-115 / 12_5-14_5 2003-11-14 Soil SW5035 µg/kg	GP01-116 / 00-02 2003-11-13 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
1,1,2,2-TETRACHLOROETHANE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
1,1,2-TRICHLOROETHANE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
1,1-DICHLOROETHANE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
1,1-DICHLOROETHENE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
1,2,4-TRICHLOROBENZENE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
1,2-DIBROMO-3-CHLOROPROPANE	< 8.3	< 12	< 8.6	< 580	< 800	< 620
1,2-DIBROMOETHANE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
1,2-DICHLOROBENZENE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
1,2-DICHLOROETHANE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
1,3-DICHLOROBENZENE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
1,4-DICHLOROBENZENE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
2-BUTANONE	< 17	< 24	< 17	< 1200	< 1600	< 1200
2-HEXANONE	< 17	< 24	< 17	< 1200	< 1600	< 1200
4-METHYL-2-PENTANONE	< 17	< 24	< 17	< 1200	< 1600	< 1200
ACETONE	< 17	< 24	< 17	< 1200	450 J B r	380 J B r
BENZENE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
BROMODICHLOROMETHANE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
BROMOFORM	< 4.2	< 6	< 4.3	< 290	< 400	< 310
BROMOMETHANE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
CARBON DISULFIDE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
CARBON TETRACHLORIDE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
CHLOROBENZENE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
CHLOROETHANE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
CHLOROFORM	< 4.2	< 6	< 4.3	< 290	< 400	< 310
CHLOROMETHANE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
CIS-1,2-DICHLOROETHENE	< 2.1	< 3	< 2.2	< 140	53 J	< 160
CIS-1,3-DICHLOROPROPENE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
CYCLOHEXANE	< 8.3	< 12	< 8.6	< 580	< 800	< 620
DIBROMOCHLOROMETHANE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
DICHLORODIFLUOROMETHANE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
ETHYLBENZENE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
HEXACHLOROBUTADIENE						
ISOPROPYLBENZENE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
METHYL ACETATE	< 8.3	< 12	< 8.6	< 580	< 800	< 620
METHYL TERT-BUTYL ETHER	< 17	< 24	< 17	< 1200	< 1600	< 1200
METHYLCYCLOHEXANE	< 8.3	< 12	< 8.6	< 580	< 800	< 620
METHYLENE CHLORIDE	1 J	< 6	< 4.3	< 290	< 400	< 310
NAPHTHALENE						
N-HEXANE						
STYRENE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
TETRACHLOROETHENE	8.5	< 6	160	1100	100 J	420
TOLUENE	0.54 J	< 6	< 4.3	< 290	< 400	< 310
TRANS-1,2-DICHLOROETHENE	< 2.1	< 3	< 2.2	< 140	< 200	< 160
TRANS-1,2-DICHLOROETHYLENE						
TRANS-1,3-DICHLOROPROPENE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
TRICHLOROETHENE	3.6 J	< 6	7.8	3300	9100	96 J
TRICHLOROFLUOROMETHANE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
VINYL CHLORIDE	< 4.2	< 6	< 4.3	< 290	< 400	< 310
XYLENES (TOTAL)	< 4.2	< 6	< 4.3	< 290	< 400	< 310

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-116 / 08-10 2003-11-14 Soil SW5035 µg/kg	GP01-116 / 13_5-15_5 2003-11-13 Soil SW5035 µg/kg	GP01-117 / 00-02 2003-11-13 Soil SW5035 µg/kg	GP01-117 / 10-12 2003-11-14 Soil SW5035 µg/kg	GP01-117 / 13-15 2003-11-13 Soil SW5035 µg/kg	GP01-118 / 06-08 2003-11-14 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	< 4.7
1,1,2,2-TETRACHLOROETHANE	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	< 4.7
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	< 4.7
1,1,2-TRICHLOROETHANE	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	< 4.7
1,1-DICHLOROETHANE	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	< 4.7
1,1-DICHLOROETHENE	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	< 4.7
1,2,4-TRICHLOROBENZENE	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	< 4.7
1,2-DIBROMO-3-CHLOROPROPANE	< 1600	< 8.6 uj	< 11	< 2700	< 9.7 uj	< 9.4
1,2-DIBROMOETHANE	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	< 4.7
1,2-DICHLOROBENZENE	< 790	< 4.3 uj	2.2 J	< 1300	< 4.8 uj	< 4.7
1,2-DICHLOROETHANE	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	< 4.7
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	< 4.7
1,3-DICHLOROBENZENE	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	< 4.7
1,4-DICHLOROBENZENE	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	< 4.7
2-BUTANONE	< 3100	< 17 uj	15 J r	< 5300	< 19 uj	< 19
2-HEXANONE	< 3100	< 17 uj	< 22	< 5300	< 19 uj	< 19
4-METHYL-2-PENTANONE	< 3100	< 17 uj	< 22	< 5300	< 19 uj	< 19
ACETONE	< 3100	9.3 J jr	34	< 5300	14 J jr	< 19
BENZENE	< 790	< 4.3 uj	0.45 J	< 1300	< 4.8 uj	< 4.7
BROMODICHLOROMETHANE	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	< 4.7
BROMOFORM	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	< 4.7
BROMOMETHANE	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	< 4.7
CARBON DISULFIDE	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	< 4.7
CARBON TETRACHLORIDE	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	< 4.7
CHLOROBENZENE	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	< 4.7
CHLOROETHANE	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	< 4.7
CHLOROFORM	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	< 4.7
CHLOROMETHANE	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	< 4.7
CIS-1,2-DICHLOROETHENE	200 J	< 2.2 uj	< 2.8	2200	3.1 j	< 2.4
CIS-1,3-DICHLOROPROPENE	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	< 4.7
CYCLOHEXANE	< 1600	< 8.6 uj	< 11	< 2700	< 9.7 uj	< 9.4
DIBROMOCHLOROMETHANE	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	< 4.7
DICHLORODIFLUOROMETHANE	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	< 4.7
ETHYLBENZENE	< 790	< 4.3 uj	38	< 1300	< 4.8 uj	< 4.7
HEXACHLOROBUTADIENE						
ISOPROPYLBENZENE	< 790	< 4.3 uj	11	< 1300	< 4.8 uj	< 4.7
METHYL ACETATE	< 1600	< 8.6 uj	< 11	< 2700	< 9.7 uj	< 9.4
METHYL TERT-BUTYL ETHER	< 3100	< 17 uj	< 22	< 5300	< 19 uj	< 19
METHYLCYCLOHEXANE	< 1600	< 8.6 uj	2.5 J	< 2700	< 9.7 uj	< 9.4
METHYLENE CHLORIDE	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	1.3 J B
NAPHTHALENE						
N-HEXANE						
STYRENE	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	< 4.7
TETRACHLOROETHENE	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	< 4.7
TOLUENE	< 790	0.81 J j	0.76 J	160 J B	0.62 J j	< 4.7
TRANS-1,2-DICHLOROETHENE	< 390	< 2.2 uj	< 2.8	< 670	< 2.4 uj	< 2.4
TRANS-1,2-DICHLOROETHYLENE						
TRANS-1,3-DICHLOROPROPENE	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	< 4.7
TRICHLOROETHENE	31000	0.81 J j	< 5.6	40000	2 J j	< 4.7
TRICHLOROFLUOROMETHANE	< 790	< 4.3 uj	< 5.6	< 1300	< 4.8 uj	< 4.7
VINYL CHLORIDE	< 790	< 4.3 uj	< 5.6	< 1300	22 j	< 4.7
XYLENES (TOTAL)	< 790	< 4.3 uj	100	< 1300	< 4.8 uj	< 4.7

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-118 / 13_5-15_5 2003-11-14 Soil SW5035 µg/kg	GP01-119 / 10-12 2003-11-14 Soil SW5035 µg/kg	GP01-119 / 17_5-19_5 2003-11-14 Soil SW5035 µg/kg	GP01-120 / 05-07 2003-11-14 Soil SW5035 µg/kg	GP01-120 / 14-16 2003-11-14 Soil SW5035 µg/kg	GP01-121 / 08-10 2003-11-14 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
1,1,2,2-TETRACHLOROETHANE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
1,1,2-TRICHLOROETHANE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
1,1-DICHLOROETHANE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
1,1-DICHLOROETHENE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
1,2,4-TRICHLOROBENZENE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
1,2-DIBROMO-3-CHLOROPROPANE	< 9.7	< 11	< 12 uj	< 11	< 14 uj	< 11
1,2-DIBROMOETHANE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
1,2-DICHLOROBENZENE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
1,2-DICHLOROETHANE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
1,3-DICHLOROBENZENE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
1,4-DICHLOROBENZENE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
2-BUTANONE	< 19	3.7 J r	< 25 uj	7.5 J r	< 28 uj	< 21
2-HEXANONE	< 19	< 22	< 25 uj	< 22	< 28 uj	< 21
4-METHYL-2-PENTANONE	< 19	< 22	< 25 uj	< 22	< 28 uj	< 21
ACETONE	< 19	22	26 j	46	9.9 J jr	< 21
BENZENE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
BROMODICHLOROMETHANE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
BROMOFORM	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
BROMOMETHANE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
CARBON DISULFIDE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
CARBON TETRACHLORIDE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
CHLOROBENZENE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
CHLOROETHANE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
CHLOROFORM	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
CHLOROMETHANE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
CIS-1,2-DICHLOROETHENE	< 2.4	< 2.8	< 3.1 uj	< 2.7	< 3.6 uj	< 2.7
CIS-1,3-DICHLOROPROPENE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
CYCLOHEXANE	< 9.7	< 11	< 12 uj	< 11	< 14 uj	< 11
DIBROMOCHLOROMETHANE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
DICHLORODIFLUOROMETHANE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
ETHYLBENZENE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
HEXACHLOROBUTADIENE						
ISOPROPYLBENZENE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
METHYL ACETATE	< 9.7	< 11	< 12 uj	< 11	< 14 uj	< 11
METHYL TERT-BUTYL ETHER	< 19	< 22	< 25 uj	< 22	< 28 uj	< 21
METHYLCYCLOHEXANE	< 9.7	< 11	< 12 uj	< 11	< 14 uj	< 11
METHYLENE CHLORIDE	1.3 J B	1.4 J B	2 J B j	1.6 J B	2.4 J B j	1.5 J B
NAPHTHALENE						
N-HEXANE						
STYRENE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
TETRACHLOROETHENE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	140
TOLUENE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
TRANS-1,2-DICHLOROETHENE	< 2.4	< 2.8	< 3.1 uj	< 2.7	< 3.6 uj	< 2.7
TRANS-1,2-DICHLOROETHYLENE						
TRANS-1,3-DICHLOROPROPENE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
TRICHLOROETHENE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
TRICHLOROFLUOROMETHANE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
VINYL CHLORIDE	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3
XYLENES (TOTAL)	< 4.9	< 5.6	< 6.2 uj	< 5.4	< 7.1 uj	< 5.3

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-121 / 14-16 2003-11-14 Soil SW5035 µg/kg	GP01-121 / 18_5-20_5 2003-11-14 Soil SW5035 µg/kg	GP01-122 / 03-05 2003-11-21 Soil SW5035 µg/kg	GP01-122 / 19-20 2003-11-21 Soil SW5035 µg/kg	GP01-122 / 20-21_5 2003-11-21 Soil SW5035 µg/kg	GP01-123 / 08-10 2003-11-21 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 3.9	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
1,1,2,2-TETRACHLOROETHANE	< 3.9	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 3.9	< 4 uj	< 5.5	140 J	< 6 uj	10
1,1,2-TRICHLOROETHANE	< 3.9	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
1,1-DICHLOROETHANE	< 3.9	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
1,1-DICHLOROETHENE	2 J	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
1,2,4-TRICHLOROBENZENE	< 3.9	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
1,2-DIBROMO-3-CHLOROPROPANE	< 7.8	< 8 uj	< 11	< 420	< 12 uj	< 12
1,2-DIBROMOETHANE	< 3.9	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
1,2-DICHLOROBENZENE	< 3.9	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
1,2-DICHLOROETHANE	< 3.9	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE	< 3.9	< 4 uj	< 5.5	28 J	< 6 uj	< 5.9
1,3-DICHLOROBENZENE	< 3.9	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
1,4-DICHLOROBENZENE	< 3.9	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
2-BUTANONE	< 16	3.9 J jr	< 22	< 840	4.2 J jr	< 24
2-HEXANONE	< 16	< 16 uj	< 22	< 840	< 24 uj	< 24
4-METHYL-2-PENTANONE	< 16	< 16 uj	< 22	< 840	< 24 uj	< 24
ACETONE	6.1 J r	31 j	11 J r	240 J r	26 j	7.4 J r
BENZENE	< 3.9	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
BROMODICHLOROMETHANE	< 3.9	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
BROMOFORM	< 3.9	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
BROMOMETHANE	< 3.9	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
CARBON DISULFIDE	< 3.9	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
CARBON TETRACHLORIDE	< 3.9	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
CHLOROBENZENE	< 3.9	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
CHLOROETHANE	< 3.9	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
CHLOROFORM	< 3.9	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
CHLOROMETHANE	< 3.9	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
CIS-1,2-DICHLOROETHENE	0.7 J	< 2 uj	< 2.7	270	14 j	220
CIS-1,3-DICHLOROPROPENE	< 3.9	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
CYCLOHEXANE	< 7.8	< 8 uj	< 11	< 420	< 12 uj	< 12
DIBROMOCHLOROMETHANE	< 3.9	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
DICHLORODIFLUOROMETHANE	< 3.9	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
ETHYLBENZENE	< 3.9	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
HEXACHLOROBUTADIENE						
ISOPROPYLBENZENE	< 3.9	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
METHYL ACETATE	< 7.8	< 8 uj	< 11	93 J	< 12 uj	< 12
METHYL TERT-BUTYL ETHER	< 16	< 16 uj	< 22	< 840	< 24 uj	< 24
METHYLCYCLOHEXANE	< 7.8	< 8 uj	< 11	< 420	< 12 uj	< 12
METHYLENE CHLORIDE	1 J	1.4 J B j	2.6 J B	230 B u	6.2 B u	2.2 J B
NAPHTHALENE						
N-HEXANE						
STYRENE	< 3.9	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
TETRACHLOROETHENE	< 3.9	< 4 uj	2.3 J	52 J	3.3 J j	58
TOLUENE	< 3.9	0.67 J j	< 5.5	< 210	1.5 J j	< 5.9
TRANS-1,2-DICHLOROETHENE	< 2	< 2 uj	< 2.7	< 100	< 3 uj	3.9
TRANS-1,2-DICHLOROETHYLENE						
TRANS-1,3-DICHLOROPROPENE	< 3.9	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
TRICHLOROETHENE	0.56 J	< 4 uj	< 5.5	100 J	1 J j	9.3
TRICHLOROFLUOROMETHANE	< 3.9	< 4 uj	< 5.5	< 210	< 6 uj	< 5.9
VINYL CHLORIDE	< 3.9	< 4 uj	< 5.5	< 210	3 J j	< 5.9
XYLENES (TOTAL)	< 3.9	< 4 uj	< 5.5	< 210	1.6 J j	< 5.9

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-123 / 13_5-15 DUP 2003-11-21 Soil SW5035 UG/	GP01-123 / 14-16 2003-11-21 Soil SW5035 µg/kg	GP01-123 / 21_5-23 2003-11-21 Soil SW5035 µg/kg	GP01-124 / 00-02 2004-02-04 Soil SW5035 µg/kg	GP01-124 / 18-20 DUP 2004-02-04 Soil SW5035 µg/kg	GP01-124 / 18-20 2004-02-04 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
1,1,2,2-TETRACHLOROETHANE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 5.6 uj	250	< 4.5	< 8	< 7.8	< 6
1,1,2-TRICHLOROETHANE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
1,1-DICHLOROETHANE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
1,1-DICHLOROETHENE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
1,2,4-TRICHLOROBENZENE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
1,2-DIBROMO-3-CHLOROPROPANE	< 11 uj	< 490	< 9	< 16	< 16	< 12
1,2-DIBROMOETHANE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
1,2-DICHLOROBENZENE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
1,2-DICHLOROETHANE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
1,3-DICHLOROBENZENE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
1,4-DICHLOROBENZENE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
2-BUTANONE	< 22 uj	< 980	< 18	< 32	< 31	2.3 J
2-HEXANONE	< 22 uj	< 980	< 18	< 32	< 31	< 24
4-METHYL-2-PENTANONE	< 22 uj	< 980	< 18	< 32	< 31	3.1 J
ACETONE	8.8 J jr	< 980	5.4 J r	< 32	12 J	22 J
BENZENE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
BROMODICHLOROMETHANE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
BROMOFORM	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
BROMOMETHANE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
CARBON DISULFIDE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
CARBON TETRACHLORIDE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
CHLOROBENZENE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
CHLOROETHANE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
CHLOROFORM	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
CHLOROMETHANE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
CIS-1,2-DICHLOROETHENE	< 2.8 uj	2100	< 2.3	< 4	< 3.9	< 3
CIS-1,3-DICHLOROPROPENE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
CYCLOHEXANE	< 11 uj	< 490	< 9	< 16	< 16	< 12
DIBROMOCHLOROMETHANE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
DICHLORODIFLUOROMETHANE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
ETHYLBENZENE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
HEXACHLOROBUTADIENE						
ISOPROPYLBENZENE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
METHYL ACETATE	< 11 uj	< 490	< 9	< 16	< 16	< 12
METHYL TERT-BUTYL ETHER	< 22 uj	< 980	< 18	< 32	< 31	< 24
METHYLCYCLOHEXANE	< 11 uj	< 490	< 9	< 16	< 16	< 12
METHYLENE CHLORIDE	2.7 J B j	290 B u	1.8 J B	3.4 J B u	4.3 J B u	3.9 J B u
NAPHTHALENE						
N-HEXANE						
STYRENE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
TETRACHLOROETHENE	< 5.6 uj	3300	< 4.5	< 8	< 7.8	< 6
TOLUENE	1.3 J j	< 240	< 4.5	< 8	< 7.8	1 J
TRANS-1,2-DICHLOROETHENE	< 2.8 uj	43 J	< 2.3	< 4	< 3.9	< 3
TRANS-1,2-DICHLOROETHYLENE						
TRANS-1,3-DICHLOROPROPENE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
TRICHLOROETHENE	< 5.6 uj	1900	< 4.5	< 8	< 7.8	< 6
TRICHLOROFLUOROMETHANE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
VINYL CHLORIDE	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6
XYLENES (TOTAL)	< 5.6 uj	< 240	< 4.5	< 8	< 7.8	< 6

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-125 / 00-02 2004-02-04 Soil SW5035 µg/kg	GP01-125 / 18-20 2004-02-04 Soil SW5035 µg/kg	GP01-126 / 04-06 2004-01-21 Soil SW5035 µg/kg	GP01-126 / 08-09 2004-01-21 Soil SW5035 µg/kg	GP01-126 / 12-14 2004-01-21 Soil SW5035 µg/kg	GP01-127 / 00-02 2004-02-03 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
1,1,2,2-TETRACHLOROETHANE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
1,1,2-TRICHLOROETHANE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
1,1-DICHLOROETHANE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
1,1-DICHLOROETHENE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
1,2,4-TRICHLOROBENZENE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
1,2-DIBROMO-3-CHLOROPROPANE	< 18	< 11	< 9.8	< 760	< 12	< 18
1,2-DIBROMOETHANE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
1,2-DICHLOROBENZENE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
1,2-DICHLOROETHANE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
1,3-DICHLOROBENZENE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
1,4-DICHLOROBENZENE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
2-BUTANONE	< 35	4.1 J	< 20	< 1500	< 25	< 37
2-HEXANONE	< 35	< 22	< 20	< 1500	< 25	< 37
4-METHYL-2-PENTANONE	< 35	1.9 J	< 20	< 1500	< 25	< 37
ACETONE	< 35	21 J	< 20	< 1500	< 25	13 J
BENZENE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
BROMODICHLOROMETHANE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
BROMOFORM	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
BROMOMETHANE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
CARBON DISULFIDE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
CARBON TETRACHLORIDE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
CHLOROBENZENE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
CHLOROETHANE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
CHLOROFORM	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
CHLOROMETHANE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
CIS-1,2-DICHLOROETHENE	< 4.4	< 2.8	1.7 J	< 190	< 3.1	< 4.6
CIS-1,3-DICHLOROPROPENE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
CYCLOHEXANE	< 18	< 11	< 9.8	< 760	< 12	< 18
DIBROMOCHLOROMETHANE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
DICHLORODIFLUOROMETHANE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
ETHYLBENZENE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
HEXACHLOROBUTADIENE						
ISOPROPYLBENZENE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
METHYL ACETATE	< 18	< 11	1.5 J B u	100 J B u	1.8 J B u	< 18
METHYL TERT-BUTYL ETHER	< 35	< 22	< 20	< 1500	< 25	< 37
METHYLCYCLOHEXANE	< 18	< 11	< 9.8	< 760	< 12	< 18
METHYLENE CHLORIDE	3.5 J B u	4.2 J B u	< 4.9	< 380	< 6.2	5.8 J B u
NAPHTHALENE						
N-HEXANE						
STYRENE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
TETRACHLOROETHENE	26	0.73 J	70	2000	< 6.2	3.1 J
TOLUENE	< 8.8	1.6 J	1.3 J	37 J	1.2 J	< 9.2
TRANS-1,2-DICHLOROETHENE	< 4.4	< 2.8	< 2.5	< 190	< 3.1	< 4.6
TRANS-1,2-DICHLOROETHYLENE						
TRANS-1,3-DICHLOROPROPENE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
TRICHLOROETHENE	< 8.8	< 5.5	6.2	51 J	< 6.2	< 9.2
TRICHLOROFLUOROMETHANE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
VINYL CHLORIDE	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2
XYLENES (TOTAL)	< 8.8	< 5.5	< 4.9	< 380	< 6.2	< 9.2

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-127 / 08-10 2004-02-03 Soil SW5035 µg/kg	GP01-127 / 10-12 2004-02-03 Soil SW5035 µg/kg	GP01-127 / 16-18 2004-02-03 Soil SW5035 µg/kg	GP01-128 / 00-02 2004-02-02 Soil SW5035 µg/kg	GP01-128 / 08-10 2004-02-02 Soil SW5035 µg/kg	GP01-128 / 16-18 2004-02-02 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 7.3	< 4.5	< 8.6	< 7.8	< 7.4	< 5.4
1,1,2,2-TETRACHLOROETHANE	< 7.3	< 4.5	< 8.6	< 7.8	< 7.4	< 5.4
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 7.3	< 4.5	< 8.6	< 7.8	33	< 5.4
1,1,2-TRICHLOROETHANE	< 7.3	< 4.5	< 8.6	< 7.8	< 7.4	< 5.4
1,1-DICHLOROETHANE	< 7.3	< 4.5	< 8.6	< 7.8	2.4 J	< 5.4
1,1-DICHLOROETHENE	< 7.3	< 4.5	< 8.6	< 7.8	< 7.4	< 5.4
1,2,4-TRICHLOROBENZENE	< 7.3	< 4.5	< 8.6	< 7.8	< 7.4	< 5.4
1,2-DIBROMO-3-CHLOROPROPANE	< 15	< 8.9	< 17	< 16	< 15	< 11
1,2-DIBROMOETHANE	< 7.3	< 4.5	< 8.6	< 7.8	< 7.4	< 5.4
1,2-DICHLOROBENZENE	< 7.3	< 4.5	< 8.6	< 7.8	< 7.4	< 5.4
1,2-DICHLOROETHANE	< 7.3	< 4.5	< 8.6	< 7.8	< 7.4	< 5.4
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE	< 7.3	< 4.5	2.2 J	< 7.8	< 7.4	3 J
1,3-DICHLOROBENZENE	< 7.3	< 4.5	< 8.6	< 7.8	< 7.4	< 5.4
1,4-DICHLOROBENZENE	< 7.3	< 4.5	< 8.6	< 7.8	< 7.4	< 5.4
2-BUTANONE	< 29	< 18	< 34	< 31	< 29	2.7 J
2-HEXANONE	< 29	< 18	< 34	< 31	< 29	< 22
4-METHYL-2-PENTANONE	< 29	< 18	< 34	< 31	< 29	< 22
ACETONE	< 29	< 18	15 J	< 31	12 J	16 J
BENZENE	< 7.3	< 4.5	< 8.6	0.96 J	< 7.4	< 5.4
BROMODICHLOROMETHANE	< 7.3	< 4.5	< 8.6	< 7.8	< 7.4	< 5.4
BROMOFORM	< 7.3	< 4.5	< 8.6	< 7.8	< 7.4	< 5.4
BROMOMETHANE	< 7.3	< 4.5	< 8.6	< 7.8	< 7.4	< 5.4
CARBON DISULFIDE	< 7.3	< 4.5	< 8.6	< 7.8	< 7.4	2.4 J
CARBON TETRACHLORIDE	< 7.3	< 4.5	< 8.6	< 7.8	< 7.4	< 5.4
CHLOROBENZENE	< 7.3	< 4.5	< 8.6	< 7.8	< 7.4	< 5.4
CHLOROETHANE	< 7.3	< 4.5	< 8.6	< 7.8	< 7.4	< 5.4
CHLOROFORM	< 7.3	< 4.5	< 8.6	< 7.8	< 7.4	< 5.4
CHLOROMETHANE	< 7.3	< 4.5	< 8.6	< 7.8	< 7.4	< 5.4
CIS-1,2-DICHLOROETHENE	< 3.6	< 2.2	6.1	2.8 J	280	< 2.7
CIS-1,3-DICHLOROPROPENE	< 7.3	< 4.5	< 8.6	< 7.8	< 7.4	< 5.4
CYCLOHEXANE	< 15	< 8.9	< 17	2 J	< 15	< 11
DIBROMOCHLOROMETHANE	< 7.3	< 4.5	< 8.6	< 7.8	< 7.4	< 5.4
DICHLORODIFLUOROMETHANE	< 7.3	< 4.5	< 8.6	< 7.8	3.6 J	< 5.4
ETHYLBENZENE	< 7.3	< 4.5	< 8.6	1.1 J	< 7.4	< 5.4
HEXACHLOROBUTADIENE						
ISOPROPYLBENZENE	< 7.3	< 4.5	< 8.6	< 7.8	1.5 J	< 5.4
METHYL ACETATE	< 15	< 8.9	< 17	< 16	< 15	< 11
METHYL TERT-BUTYL ETHER	< 29	< 18	< 34	< 31	< 29	< 22
METHYLCYCLOHEXANE	< 15	< 8.9	< 17	2.7 J	< 15	< 11
METHYLENE CHLORIDE	3.9 J B u	2 J B u	5.2 J B u	3.5 J B u	3.3 J B u	2.5 J B u
NAPHTHALENE						
N-HEXANE						
STYRENE	< 7.3	< 4.5	< 8.6	< 7.8	< 7.4	< 5.4
TETRACHLOROETHENE	50	17	< 8.6	2.4 J	120	< 5.4
TOLUENE	< 7.3	0.42 J	1.2 J	3.5 J	0.86 J	1.8 J
TRANS-1,2-DICHLOROETHENE	< 3.6	< 2.2	< 4.3	< 3.9	7.9	< 2.7
TRANS-1,2-DICHLOROETHYLENE						
TRANS-1,3-DICHLOROPROPENE	< 7.3	< 4.5	< 8.6	< 7.8	< 7.4	< 5.4
TRICHLOROETHENE	1.6 J	2.4 J	< 8.6	< 7.8	21	2.1 J
TRICHLOROFLUOROMETHANE	< 7.3	< 4.5	< 8.6	< 7.8	< 7.4	< 5.4
VINYL CHLORIDE	< 7.3	< 4.5	< 8.6	< 7.8	51	< 5.4
XYLENES (TOTAL)	< 7.3	< 4.5	< 8.6	< 7.8	< 7.4	< 5.4

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-129 / 00-02 2004-01-21 Soil SW5035 µg/kg	GP01-129 / 04-06 2004-01-21 Soil SW5035 µg/kg	GP01-130 / 00-02 2004-01-21 Soil SW5035 µg/kg	GP01-130 / 04-06 2004-01-21 Soil SW5035 µg/kg	GP01-131 / 00-02 2004-02-05 Soil SW5035 µg/kg	GP01-131 / 02-04 2004-02-11 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 11	< 7	< 8.3	< 9.1	< 4.9	< 270
1,1,2,2-TETRACHLOROETHANE	< 11	< 7	< 8.3	< 9.1	< 4.9	< 270
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 11	< 7	< 8.3	< 9.1	< 4.9	< 270
1,1,2-TRICHLOROETHANE	< 11	< 7	< 8.3	< 9.1	< 4.9	< 270
1,1-DICHLOROETHANE	< 11	< 7	< 8.3	< 9.1	< 4.9	< 270
1,1-DICHLOROETHENE	< 11	< 7	< 8.3	< 9.1	< 4.9	< 270
1,2,4-TRICHLOROBENZENE	< 11	< 7	< 8.3	< 9.1	< 4.9	< 270
1,2-DIBROMO-3-CHLOROPROPANE	< 22	< 14	< 17	< 18	< 9.8	< 540
1,2-DIBROMOETHANE	< 11	< 7	< 8.3	< 9.1	< 4.9	< 270
1,2-DICHLOROBENZENE	< 11	< 7	< 8.3	< 9.1	2.3 J	< 270
1,2-DICHLOROETHANE	< 11	< 7	< 8.3	< 9.1	< 4.9	< 270
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE	< 11	< 7	< 8.3	< 9.1	< 4.9	< 270
1,3-DICHLOROBENZENE	< 11	< 7	< 8.3	< 9.1	< 4.9	< 270
1,4-DICHLOROBENZENE	< 11	< 7	< 8.3	< 9.1	< 4.9	< 270
2-BUTANONE	< 45	< 28	4.1 J	3.4 J	13 J	< 1100
2-HEXANONE	< 45	< 28	< 33	< 37	< 20	< 1100
4-METHYL-2-PENTANONE	< 45	< 28	< 33	< 37	2 J	< 1100
ACETONE	< 45	< 28	16 J	13 J	61	< 1100
BENZENE	< 11	< 7	< 8.3	< 9.1	< 4.9	< 270
BROMODICHLOROMETHANE	< 11	< 7	< 8.3	< 9.1	< 4.9	< 270
BROMOFORM	< 11	< 7	< 8.3	< 9.1	< 4.9	< 270
BROMOMETHANE	< 11	< 7	< 8.3	< 9.1	< 4.9	< 270
CARBON DISULFIDE	< 11	< 7	< 8.3	< 9.1	1.4 J	< 270
CARBON TETRACHLORIDE	< 11	< 7	< 8.3	< 9.1	< 4.9	< 270
CHLOROBENZENE	< 11	< 7	< 8.3	< 9.1	< 4.9	< 270
CHLOROETHANE	< 11	< 7	< 8.3	< 9.1	< 4.9	< 270
CHLOROFORM	< 11	< 7	< 8.3	< 9.1	< 4.9	< 270
CHLOROMETHANE	< 11	< 7	< 8.3	< 9.1	< 4.9	< 270
CIS-1,2-DICHLOROETHENE	< 5.6	< 3.5	< 4.2	< 4.6	97	1300
CIS-1,3-DICHLOROPROPENE	< 11	< 7	< 8.3	< 9.1	< 4.9	< 270
CYCLOHEXANE	< 22	< 14	< 17	< 18	< 9.8	< 540
DIBROMOCHLOROMETHANE	< 11	< 7	< 8.3	< 9.1	< 4.9	< 270
DICHLORODIFLUOROMETHANE	< 11	< 7	< 8.3	< 9.1	< 4.9	< 270
ETHYLBENZENE	< 11	< 7	< 8.3	< 9.1	0.42 J	< 270
HEXACHLOROBUTADIENE						
ISOPROPYLBENZENE	< 11	< 7	< 8.3	< 9.1	1.8 J	< 270
METHYL ACETATE	3.3 J B u	2.6 J B u	3.6 J B u	3.4 J B u	< 9.8	< 540
METHYL TERT-BUTYL ETHER	< 45	< 28	< 33	< 37	< 20	< 1100
METHYLCYCLOHEXANE	< 22	< 14	< 17	< 18	< 9.8	< 540
METHYLENE CHLORIDE	< 11	< 7	< 8.3	< 9.1	2.1 J	< 270
NAPHTHALENE						
N-HEXANE						
STYRENE	< 11	< 7	< 8.3	< 9.1	< 4.9	< 270
TETRACHLOROETHENE	< 11	< 7	< 8.3	< 9.1	510 E	920
TOLUENE	4.6 J	1.7 J	1.3 J	0.97 J	< 4.9	< 270
TRANS-1,2-DICHLOROETHENE	< 5.6	< 3.5	< 4.2	< 4.6	< 2.4	< 140
TRANS-1,2-DICHLOROETHYLENE						
TRANS-1,3-DICHLOROPROPENE	< 11	< 7	< 8.3	< 9.1	< 4.9	< 270
TRICHLOROETHENE	< 11	< 7	< 8.3	< 9.1	97	100 J
TRICHLOROFLUOROMETHANE	< 11	< 7	< 8.3	< 9.1	< 4.9	< 270
VINYL CHLORIDE	< 11	< 7	< 8.3	< 9.1	1.4 J	45 J
XYLENES (TOTAL)	< 11	< 7	< 8.3	< 9.1	1.4 J	< 270

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-131 / 10-12 2004-02-11 Soil SW5035 µg/kg	GP01-131 / 12-14 2004-02-11 Soil SW5035 µg/kg	GP01-132 / 08-10 2004-02-03 Soil SW5035 µg/kg	GP01-132 / 14-16 2004-02-03 Soil SW5035 µg/kg	GP01-137 / 00-02 2004-01-22 Soil SW5035 µg/kg	GP01-137 / 02-04 2004-01-22 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
1,1,2,2-TETRACHLOROETHANE	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 220	< 5.5	< 7.6	2.5 J	< 11	< 7.1
1,1,2-TRICHLOROETHANE	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
1,1-DICHLOROETHANE	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
1,1-DICHLOROETHENE	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
1,2,4-TRICHLOROBENZENE	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
1,2-DIBROMO-3-CHLOROPROPANE	< 430	< 11	< 15	< 13	< 22	< 14
1,2-DIBROMOETHANE	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
1,2-DICHLOROBENZENE	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
1,2-DICHLOROETHANE	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE	< 220	< 5.5	< 7.6	1.9 J	< 11	< 7.1
1,3-DICHLOROBENZENE	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
1,4-DICHLOROBENZENE	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
2-BUTANONE	< 870	2 J	< 30	< 25	< 43	< 28
2-HEXANONE	< 870	< 22	< 30	< 25	< 43	< 28
4-METHYL-2-PENTANONE	< 870	< 22	< 30	2.2 J	< 43	< 28
ACETONE	< 870	16 J B u	< 30	7.5 J	< 43	< 28
BENZENE	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
BROMODICHLOROMETHANE	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
BROMOFORM	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
BROMOMETHANE	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
CARBON DISULFIDE	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
CARBON TETRACHLORIDE	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
CHLOROBENZENE	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
CHLOROETHANE	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
CHLOROFORM	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
CHLOROMETHANE	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
CIS-1,2-DICHLOROETHENE	1200	0.9 J	< 3.8	< 3.1	< 5.4	< 3.5
CIS-1,3-DICHLOROPROPENE	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
CYCLOHEXANE	< 430	< 11	< 15	< 13	< 22	< 14
DIBROMOCHLOROMETHANE	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
DICHLORODIFLUOROMETHANE	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
ETHYLBENZENE	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
HEXACHLOROBUTADIENE						
ISOPROPYLBENZENE	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
METHYL ACETATE	< 430	< 11	< 15	< 13	< 22	< 14
METHYL TERT-BUTYL ETHER	< 870	< 22	< 30	< 25	< 43	< 28
METHYLCYCLOHEXANE	< 430	< 11	< 15	< 13	< 22	< 14
METHYLENE CHLORIDE	< 220	3.6 J	4.6 J B u	4 J B u	< 11	< 7.1
NAPHTHALENE						
N-HEXANE						
STYRENE	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
TETRACHLOROETHENE	93 J	< 5.5	< 7.6	< 6.3	< 11	< 7.1
TOLUENE	< 220	0.77 J	< 7.6	0.7 J	1.3 J	0.72 J
TRANS-1,2-DICHLOROETHENE	69 J	< 2.7	< 3.8	< 3.1	< 5.4	< 3.5
TRANS-1,2-DICHLOROETHYLENE						
TRANS-1,3-DICHLOROPROPENE	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
TRICHLOROETHENE	< 220	< 5.5	< 7.6	40	< 11	< 7.1
TRICHLOROFLUOROMETHANE	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1
VINYL CHLORIDE	50 J	4 J	< 7.6	< 6.3	< 11	< 7.1
XYLENES (TOTAL)	< 220	< 5.5	< 7.6	< 6.3	< 11	< 7.1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-137 / 08-10 2004-01-22 Soil SW5035 µg/kg	GP01-141 / 01-02 2004-01-27 Soil SW5035 µg/kg	GP01-141 / 08-10 2004-01-27 Soil SW5035 µg/kg	GP01-141 / 22-24 2004-01-27 Soil SW5035 µg/kg	GP01-142 / 01-02 2004-01-28 Soil SW5035 µg/kg	GP01-142 / 08-10 DUP 2004-01-28 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
1,1,2,2-TETRACHLOROETHANE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
1,1,2-TRICHLOROETHANE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
1,1-DICHLOROETHANE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
1,1-DICHLOROETHENE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
1,2,4-TRICHLOROBENZENE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
1,2-DIBROMO-3-CHLOROPROPANE	< 18	< 19	< 940	< 23	< 17	< 960
1,2-DIBROMOETHANE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
1,2-DICHLOROBENZENE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
1,2-DICHLOROETHANE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
1,3-DICHLOROBENZENE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
1,4-DICHLOROBENZENE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
2-BUTANONE	< 36	< 39	< 1900	< 47	< 34	< 1900
2-HEXANONE	< 36	< 39	< 1900	< 47	< 34	< 1900
4-METHYL-2-PENTANONE	< 36	< 39	< 1900	< 47	< 34	< 1900
ACETONE	< 36	< 39	390 J B u	< 47	17 J	< 1900
BENZENE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
BROMODICHLOROMETHANE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
BROMOFORM	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
BROMOMETHANE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
CARBON DISULFIDE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
CARBON TETRACHLORIDE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
CHLOROBENZENE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
CHLOROETHANE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
CHLOROFORM	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
CHLOROMETHANE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
CIS-1,2-DICHLOROETHENE	< 4.5	< 4.8	1800	< 5.8	< 4.2	250
CIS-1,3-DICHLOROPROPENE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
CYCLOHEXANE	< 18	< 19	< 940	< 23	< 17	< 960
DIBROMOCHLOROMETHANE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
DICHLORODIFLUOROMETHANE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
ETHYLBENZENE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
HEXACHLOROBUTADIENE						
ISOPROPYLBENZENE	< 8.9	< 9.6	170 J	< 12	< 8.5	< 480
METHYL ACETATE	< 18	< 19	< 940	< 23	< 17	160 J B u
METHYL TERT-BUTYL ETHER	< 36	< 39	< 1900	< 47	< 34	< 1900
METHYLCYCLOHEXANE	< 18	< 19	< 940	< 23	< 17	< 960
METHYLENE CHLORIDE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
NAPHTHALENE						
N-HEXANE						
STYRENE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
TETRACHLOROETHENE	< 8.9	9.2 J	95 J	< 12	4.6 J	< 480
TOLUENE	< 8.9	< 9.6	< 470	1.6 J	< 8.5	< 480
TRANS-1,2-DICHLOROETHENE	< 4.5	< 4.8	< 240	< 5.8	< 4.2	< 240
TRANS-1,2-DICHLOROETHYLENE						
TRANS-1,3-DICHLOROPROPENE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
TRICHLOROETHENE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
TRICHLOROFLUOROMETHANE	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480
VINYL CHLORIDE	< 8.9	< 9.6	150 J	< 12	< 8.5	340 J
XYLENES (TOTAL)	< 8.9	< 9.6	< 470	< 12	< 8.5	< 480

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-142 / 08-10 2004-01-28 Soil SW5035 µg/kg	GP01-142 / 10-12 2004-01-28 Soil SW5035 µg/kg	GP01-142 / 22-23 2004-01-28 Soil SW5035 µg/kg	GP01-143 / 01-02 2004-01-28 Soil SW5035 µg/kg	GP01-143 / 07-08 2004-01-28 Soil SW5035 µg/kg	GP01-143 / 08-10 2004-01-28 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 7.4	< 600	< 5.6	< 390	< 5.2	< 5.9
1,1,2,2-TETRACHLOROETHANE	< 7.4	< 600	< 5.6	< 390	< 5.2	< 5.9
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 7.4	< 600	< 5.6	< 390	2.9 J	5 J
1,1,2-TRICHLOROETHANE	< 7.4	< 600	< 5.6	< 390	< 5.2	< 5.9
1,1-DICHLOROETHANE	< 7.4	< 600	< 5.6	< 390	1.1 J	2.1 J
1,1-DICHLOROETHENE	< 7.4	< 600	< 5.6	< 390	< 5.2	< 5.9
1,2,4-TRICHLOROBENZENE	< 7.4	< 600	< 5.6	< 390	< 5.2	< 5.9
1,2-DIBROMO-3-CHLOROPROPANE	< 15	< 1200	< 11	< 790	< 10	< 12
1,2-DIBROMOETHANE	< 7.4	< 600	< 5.6	< 390	< 5.2	< 5.9
1,2-DICHLOROBENZENE	< 7.4	< 600	< 5.6	< 390	< 5.2	< 5.9
1,2-DICHLOROETHANE	< 7.4	< 600	< 5.6	< 390	< 5.2	< 5.9
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE	< 7.4	< 600	< 5.6	< 390	< 5.2	< 5.9
1,3-DICHLOROBENZENE	< 7.4	< 600	< 5.6	< 390	< 5.2	< 5.9
1,4-DICHLOROBENZENE	< 7.4	< 600	< 5.6	< 390	< 5.2	< 5.9
2-BUTANONE	< 30	< 2400	< 22	< 1600	2.5 J	2.3 J
2-HEXANONE	< 30	< 2400	< 22	< 1600	< 21	< 23
4-METHYL-2-PENTANONE	< 30	< 2400	< 22	< 1600	< 21	< 23
ACETONE	17 J	< 2400	6.4 J	520 J B u	38	14 J
BENZENE	< 7.4	< 600	< 5.6	< 390	< 5.2	0.44 J
BROMODICHLOROMETHANE	< 7.4	< 600	< 5.6	< 390	< 5.2	< 5.9
BROMOFORM	< 7.4	< 600	< 5.6	< 390	< 5.2	< 5.9
BROMOMETHANE	< 7.4	760 B u	< 5.6	510 B u	< 5.2	< 5.9
CARBON DISULFIDE	< 7.4	< 600	< 5.6	< 390	< 5.2	< 5.9
CARBON TETRACHLORIDE	< 7.4	< 600	< 5.6	< 390	< 5.2	< 5.9
CHLOROBENZENE	< 7.4	< 600	< 5.6	< 390	< 5.2	< 5.9
CHLOROETHANE	< 7.4	< 600	< 5.6	< 390	< 5.2	< 5.9
CHLOROFORM	< 7.4	< 600	< 5.6	< 390	< 5.2	< 5.9
CHLOROMETHANE	< 7.4	< 600	< 5.6	< 390	< 5.2	< 5.9
CIS-1,2-DICHLOROETHENE	99	720	< 2.8	< 200	9.6	12
CIS-1,3-DICHLOROPROPENE	< 7.4	< 600	< 5.6	< 390	< 5.2	< 5.9
CYCLOHEXANE	< 15	< 1200	< 11	< 790	< 10	< 12
DIBROMOCHLOROMETHANE	< 7.4	< 600	< 5.6	< 390	< 5.2	< 5.9
DICHLORODIFLUOROMETHANE	< 7.4	< 600	< 5.6	< 390	< 5.2	< 5.9
ETHYLBENZENE	< 7.4	< 600	< 5.6	< 390	< 5.2	0.48 J
HEXACHLOROBUTADIENE						
ISOPROPYLBENZENE	1.5 J	< 600	< 5.6	< 390	0.65 J	7.3
METHYL ACETATE	< 15	< 1200	< 11	110 J B u	3.6 J B u	< 12
METHYL TERT-BUTYL ETHER	< 30	< 2400	< 22	< 1600	< 21	< 23
METHYLCYCLOHEXANE	< 15	< 1200	< 11	< 790	< 10	< 12
METHYLENE CHLORIDE	< 7.4	< 600	< 5.6	< 390	< 5.2	< 5.9
NAPHTHALENE						
N-HEXANE						
STYRENE	< 7.4	< 600	< 5.6	< 390	< 5.2	< 5.9
TETRACHLOROETHENE	< 7.4	< 600	< 5.6	740	1.1 J	4.6 J
TOLUENE	< 7.4	< 600	< 5.6	< 390	0.88 J	2.2 J
TRANS-1,2-DICHLOROETHENE	9	< 300	< 2.8	< 200	21	40
TRANS-1,2-DICHLOROETHYLENE						
TRANS-1,3-DICHLOROPROPENE	< 7.4	< 600	< 5.6	< 390	< 5.2	< 5.9
TRICHLOROETHENE	< 7.4	< 600	< 5.6	< 390	1.1 J	4.4 J
TRICHLOROFLUOROMETHANE	< 7.4	< 600	< 5.6	< 390	< 5.2	< 5.9
VINYL CHLORIDE	100	< 600	< 5.6	< 390	4.7 J	16
XYLENES (TOTAL)	< 7.4	< 600	< 5.6	< 390	< 5.2	3 J

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-143 / 10-12 2004-01-28 Soil SW5035 µg/kg	GP01-143 / 22_5-24 2004-01-28 Soil SW5035 µg/kg	GP01-144 / 05-06 2004-02-06 Soil SW5035 µg/kg	GP01-144 / 08-10 2004-02-06 Soil SW5035 µg/kg	GP01-144 / 10-12 2004-02-06 Soil SW5035 µg/kg	GP01-144 / 13-14 2004-02-06 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 7	< 4.7	< 350	< 340	< 3000	< 600
1,1,2,2-TETRACHLOROETHANE	< 7	< 4.7	< 350	< 340	< 3000	< 600
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 7	< 4.7	120 J	4300	49000	12000
1,1,2-TRICHLOROETHANE	< 7	< 4.7	< 350	< 340	< 3000	< 600
1,1-DICHLOROETHANE	0.87 J	< 4.7	< 350	< 340	< 3000	< 600
1,1-DICHLOROETHENE	< 7	< 4.7	< 350	< 340	< 3000	< 600
1,2,4-TRICHLOROBENZENE	< 7	< 4.7	< 350	< 340	< 3000	< 600
1,2-DIBROMO-3-CHLOROPROPANE	< 14	< 9.5	< 710	< 670	< 6000	< 1200
1,2-DIBROMOETHANE	< 7	< 4.7	< 350	< 340	< 3000	< 600
1,2-DICHLOROBENZENE	< 7	< 4.7	< 350	< 340	< 3000	< 600
1,2-DICHLOROETHANE	< 7	< 4.7	< 350	< 340	< 3000	< 600
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE	< 7	< 4.7	< 350	< 340	< 3000	< 600
1,3-DICHLOROBENZENE	< 7	< 4.7	< 350	< 340	< 3000	< 600
1,4-DICHLOROBENZENE	< 7	< 4.7	< 350	< 340	< 3000	< 600
2-BUTANONE	< 28	< 19	< 1400	< 1300	< 12000	< 2400
2-HEXANONE	< 28	1 J	< 1400	< 1300	< 12000	< 2400
4-METHYL-2-PENTANONE	< 28	< 19	< 1400	< 1300	< 12000	< 2400
ACETONE	7.6 J	6.6 J	410 J B u	400 J B u	2700 J B u	700 J B u
BENZENE	< 7	< 4.7	< 350	< 340	< 3000	< 600
BROMODICHLOROMETHANE	< 7	< 4.7	< 350	< 340	< 3000	< 600
BROMOFORM	< 7	< 4.7	< 350	< 340	< 3000	< 600
BROMOMETHANE	< 7	< 4.7	< 350	< 340	< 3000	< 600
CARBON DISULFIDE	< 7	< 4.7	< 350	< 340	< 3000	< 600
CARBON TETRACHLORIDE	< 7	< 4.7	< 350	< 340	< 3000	< 600
CHLOROBENZENE	< 7	< 4.7	< 350	< 340	< 3000	< 600
CHLOROETHANE	< 7	< 4.7	< 350	< 340	< 3000	< 600
CHLOROFORM	< 7	< 4.7	< 350	< 340	< 3000	< 600
CHLOROMETHANE	< 7	< 4.7	< 350	< 340	< 3000	< 600
CIS-1,2-DICHLOROETHENE	520 E	< 2.4	1800	3900	22000	6000
CIS-1,3-DICHLOROPROPENE	< 7	< 4.7	< 350	< 340	< 3000	< 600
CYCLOHEXANE	< 14	< 9.5	< 710	< 670	< 6000	< 1200
DIBROMOCHLOROMETHANE	< 7	< 4.7	< 350	< 340	< 3000	< 600
DICHLORODIFLUOROMETHANE	< 7	< 4.7	< 350	< 340	< 3000	< 600
ETHYLBENZENE	< 7	< 4.7	< 350	< 340	< 3000	< 600
HEXACHLOROBUTADIENE						
ISOPROPYLBENZENE	< 7	< 4.7	< 350	< 340	< 3000	< 600
METHYL ACETATE	< 14	< 9.5	< 710	85 J	< 6000	< 1200
METHYL TERT-BUTYL ETHER	< 28	< 19	< 1400	< 1300	< 12000	< 2400
METHYLCYCLOHEXANE	< 14	< 9.5	< 710	< 670	< 6000	< 1200
METHYLENE CHLORIDE	< 7	< 4.7	< 350	< 340	< 3000	< 600
NAPHTHALENE						
N-HEXANE						
STYRENE	< 7	< 4.7	< 350	< 340	< 3000	< 600
TETRACHLOROETHENE	1.6 J	< 4.7	320 J	980	32000	5100
TOLUENE	< 7	< 4.7	< 350	< 340	< 3000	< 600
TRANS-1,2-DICHLOROETHENE	21	< 2.4	< 180	41 J	< 1500	< 300
TRANS-1,2-DICHLOROETHYLENE						
TRANS-1,3-DICHLOROPROPENE	< 7	< 4.7	< 350	< 340	< 3000	< 600
TRICHLOROETHENE	< 7	< 4.7	63 J	770	25000	4100
TRICHLOROFLUOROMETHANE	< 7	< 4.7	< 350	< 340	< 3000	< 600
VINYL CHLORIDE	350 E	< 4.7	< 350	< 340	< 3000	< 600
XYLENES (TOTAL)	< 7	< 4.7	< 350	< 340	< 3000	< 600

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-144 / 16-18 2004-02-06 Soil SW5035 µg/kg	GP01-144 / 21-23 2004-02-06 Soil SW5035 µg/kg	GP01-145 / 01-02 2004-01-28 Soil SW5035 µg/kg	GP01-145 / 07-08 2004-01-28 Soil SW5035 µg/kg	GP01-145 / 08-10 DUP 2004-01-28 Soil SW5035 µg/kg	GP01-145 / 08-10 2004-01-28 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 270	< 4.3	< 9.5	< 270	< 250	< 280
1,1,2,2-TETRACHLOROETHANE	< 270	< 4.3	< 9.5	< 270	< 250	< 280
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 270	130	< 9.5	< 270	74 J	< 280
1,1,2-TRICHLOROETHANE	< 270	< 4.3	< 9.5	< 270	< 250	< 280
1,1-DICHLOROETHANE	< 270	< 4.3	< 9.5	< 270	< 250	< 280
1,1-DICHLOROETHENE	< 270	< 4.3	< 9.5	< 270	< 250	< 280
1,2,4-TRICHLOROBENZENE	< 270	< 4.3	< 9.5	< 270	< 250	< 280
1,2-DIBROMO-3-CHLOROPROPANE	< 540	< 8.6	< 19	< 540	< 500	< 550
1,2-DIBROMOETHANE	< 270	< 4.3	< 9.5	< 270	< 250	< 280
1,2-DICHLOROBENZENE	< 270	< 4.3	< 9.5	< 270	< 250	< 280
1,2-DICHLOROETHANE	< 270	< 4.3	< 9.5	< 270	< 250	< 280
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE	< 270	< 4.3	< 9.5	< 270	< 250	< 280
1,3-DICHLOROBENZENE	< 270	< 4.3	< 9.5	< 270	< 250	< 280
1,4-DICHLOROBENZENE	< 270	< 4.3	< 9.5	< 270	< 250	< 280
2-BUTANONE	< 1100	< 17	< 38	< 1100	< 990	< 1100
2-HEXANONE	< 1100	< 17	< 38	< 1100	< 990	< 1100
4-METHYL-2-PENTANONE	< 1100	< 17	< 38	< 1100	< 990	< 1100
ACETONE	290 J B u	9.5 J	< 38	370 J B u	290 J B u	320 J B u
BENZENE	< 270	< 4.3	< 9.5	< 270	< 250	< 280
BROMODICHLOROMETHANE	< 270	< 4.3	< 9.5	< 270	< 250	< 280
BROMOFORM	< 270	< 4.3	< 9.5	< 270	< 250	< 280
BROMOMETHANE	< 270	< 4.3	< 9.5	340 B u	320 B u	< 280
CARBON DISULFIDE	< 270	< 4.3	< 9.5	< 270	< 250	< 280
CARBON TETRACHLORIDE	< 270	< 4.3	< 9.5	< 270	< 250	< 280
CHLOROBENZENE	< 270	< 4.3	< 9.5	< 270	< 250	< 280
CHLOROETHANE	< 270	< 4.3	< 9.5	< 270	< 250	< 280
CHLOROFORM	< 270	< 4.3	< 9.5	< 270	< 250	< 280
CHLOROMETHANE	< 270	< 4.3	< 9.5	< 270	< 250	< 280
CIS-1,2-DICHLOROETHENE	1900	130	5.7	780	1200	630
CIS-1,3-DICHLOROPROPENE	< 270	< 4.3	< 9.5	< 270	< 250	< 280
CYCLOHEXANE	< 540	< 8.6	< 19	< 540	< 500	< 550
DIBROMOCHLOROMETHANE	< 270	< 4.3	< 9.5	< 270	< 250	< 280
DICHLORODIFLUOROMETHANE	< 270	< 4.3	< 9.5	< 270	< 250	< 280
ETHYLBENZENE	< 270	< 4.3	< 9.5	< 270	< 250	< 280
HEXACHLOROBUTADIENE						
ISOPROPYLBENZENE	< 270	< 4.3	< 9.5	< 270	< 250	< 280
METHYL ACETATE	< 540	< 8.6	< 19	68 J B u	< 500	< 550
METHYL TERT-BUTYL ETHER	< 1100	< 17	< 38	< 1100	< 990	< 1100
METHYLCYCLOHEXANE	< 540	< 8.6	< 19	< 540	< 500	< 550
METHYLENE CHLORIDE	< 270	< 4.3	< 9.5	< 270	< 250	< 280
NAPHTHALENE						
N-HEXANE						
STYRENE	< 270	< 4.3	< 9.5	< 270	< 250	< 280
TETRACHLOROETHENE	23 J	38	15	560	700	260 J
TOLUENE	< 270	< 4.3	1.3 J	< 270	< 250	< 280
TRANS-1,2-DICHLOROETHENE	< 130	1.1 J	< 4.8	< 130	< 120	< 140
TRANS-1,2-DICHLOROETHYLENE						
TRANS-1,3-DICHLOROPROPENE	< 270	< 4.3	< 9.5	< 270	< 250	< 280
TRICHLOROETHENE	< 270	25	< 9.5	96 J	140 J	52 J
TRICHLOROFLUOROMETHANE	< 270	< 4.3	< 9.5	< 270	< 250	< 280
VINYL CHLORIDE	180 J	4.3	< 9.5	< 270	69 J	< 280
XYLENES (TOTAL)	< 270	< 4.3	< 9.5	< 270	< 250	< 280

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-145 / 10-12 2004-01-28 Soil SW5035 µg/kg	GP01-145 / 12-14 2004-01-28 Soil SW5035 µg/kg	GP01-145 / 21_5-23 2004-01-28 Soil SW5035 µg/kg	GP01-149 / 00-02 2004-02-04 Soil SW5035 µg/kg	GP01-149 / 08-10 2004-02-04 Soil SW5035 µg/kg	GP01-149 / 12-14 2004-02-04 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
1,1,2,2-TETRACHLOROETHANE	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	500	1700	< 4.3	< 7.7	< 6.9	< 5200
1,1,2-TRICHLOROETHANE	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
1,1-DICHLOROETHANE	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
1,1-DICHLOROETHENE	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
1,2,4-TRICHLOROBENZENE	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
1,2-DIBROMO-3-CHLOROPROPANE	< 560	< 850	< 8.7	< 15	< 14	< 10000
1,2-DIBROMOETHANE	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
1,2-DICHLOROBENZENE	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
1,2-DICHLOROETHANE	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE	< 280	< 420	< 4.3	< 7.7	4.3 J	170000
1,3-DICHLOROBENZENE	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
1,4-DICHLOROBENZENE	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
2-BUTANONE	< 1100	< 1700	< 17	3.8 J	< 28	< 21000
2-HEXANONE	< 1100	< 1700	< 17	< 31	< 28	< 21000
4-METHYL-2-PENTANONE	< 1100	< 1700	< 17	< 31	< 28	< 21000
ACETONE	330 J B u	< 1700	12 J	20 J	9.8 J	< 21000
BENZENE	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
BROMODICHLOROMETHANE	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
BROMOFORM	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
BROMOMETHANE	360 B u	540 B u	< 4.3	< 7.7	< 6.9	< 5200
CARBON DISULFIDE	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
CARBON TETRACHLORIDE	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
CHLOROBENZENE	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
CHLOROETHANE	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
CHLOROFORM	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
CHLOROMETHANE	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
CIS-1,2-DICHLOROETHENE	2100	1600	< 2.2	< 3.8	< 3.5	< 2600
CIS-1,3-DICHLOROPROPENE	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
CYCLOHEXANE	< 560	< 850	< 8.7	< 15	< 14	< 10000
DIBROMOCHLOROMETHANE	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
DICHLORODIFLUOROMETHANE	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
ETHYLBENZENE	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
HEXACHLOROBUTADIENE						
ISOPROPYLBENZENE	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
METHYL ACETATE	71 J B u	< 850	< 8.7	< 15	< 14	< 10000
METHYL TERT-BUTYL ETHER	< 1100	< 1700	< 17	< 31	< 28	< 21000
METHYLCYCLOHEXANE	< 560	< 850	< 8.7	< 15	< 14	< 10000
METHYLENE CHLORIDE	< 280	< 420	< 4.3	3.6 J B u	3.1 J B u	< 5200
NAPHTHALENE						
N-HEXANE						
STYRENE	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
TETRACHLOROETHENE	3500	4400	< 4.3	< 7.7	< 6.9	< 5200
TOLUENE	< 280	< 420	< 4.3	0.72 J	< 6.9	< 5200
TRANS-1,2-DICHLOROETHENE	< 140	< 210	< 2.2	< 3.8	< 3.5	< 2600
TRANS-1,2-DICHLOROETHYLENE						
TRANS-1,3-DICHLOROPROPENE	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
TRICHLOROETHENE	550	880	< 4.3	< 7.7	19	< 5200
TRICHLOROFLUOROMETHANE	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
VINYL CHLORIDE	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200
XYLENES (TOTAL)	< 280	< 420	< 4.3	< 7.7	< 6.9	< 5200

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP01-149 / 14-16 2004-02-04 Soil SW5035 µg/kg	GP01-150 / 00-02 2004-02-11 Soil SW5035 µg/kg	GP01-150 / 09-10 2004-02-11 Soil SW5035 µg/kg	GP01-150 / 13-15 2004-02-11 Soil SW5035 µg/kg	GP02-005 / 10_3-10_5 1998-12-21 Soil SW5030 µg/kg	GP02-053 / 06-08 2003-08-29 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 4.3	< 5.6	< 11	< 7.1	< 5	< 290
1,1,2,2-TETRACHLOROETHANE	< 4.3	< 5.6	< 11	< 7.1	< 5	< 290
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 4.3	< 5.6	< 11	< 7.1		< 290
1,1,2-TRICHLOROETHANE	< 4.3	< 5.6	< 11	< 7.1	< 5	< 290
1,1-DICHLOROETHANE	< 4.3	< 5.6	< 11	< 7.1	< 5	< 290
1,1-DICHLOROETHENE	< 4.3	< 5.6	< 11	< 7.1	< 5	< 290
1,2,4-TRICHLOROBENZENE	< 4.3	< 5.6	< 11	< 7.1		< 290
1,2-DIBROMO-3-CHLOROPROPANE	< 8.6	< 11	< 23	< 14		< 570
1,2-DIBROMOETHANE	< 4.3	< 5.6	< 11	< 7.1		< 290
1,2-DICHLOROBENZENE	< 4.3	< 5.6	< 11	< 7.1		< 290
1,2-DICHLOROETHANE	< 4.3	< 5.6	< 11	< 7.1	< 5	< 290
1,2-DICHLOROETHENE (TOTAL)					< 5	
1,2-DICHLOROPROPANE	6	< 5.6	< 11	< 7.1	< 5	< 290
1,3-DICHLOROBENZENE	< 4.3	< 5.6	< 11	< 7.1		< 290
1,4-DICHLOROBENZENE	< 4.3	< 5.6	< 11	< 7.1		< 290
2-BUTANONE	< 17	< 23	< 45	< 28	< 20	< 1100
2-HEXANONE	< 17	< 23	< 45	< 28	< 20	< 1100
4-METHYL-2-PENTANONE	< 17	2.1 J	< 45	< 28	< 20	< 1100
ACETONE	14 J	20 J B u	12 J B u	< 28	< 20	280 J B r
BENZENE	< 4.3	< 5.6	< 11	< 7.1	< 5	< 290
BROMODICHLOROMETHANE	< 4.3	< 5.6	< 11	< 7.1	< 5	< 290
BROMOFORM	< 4.3	< 5.6	< 11	< 7.1	< 5	< 290
BROMOMETHANE	< 4.3	< 5.6	< 11	< 7.1	< 10	< 290
CARBON DISULFIDE	< 4.3	< 5.6	< 11	< 7.1	< 5	< 290
CARBON TETRACHLORIDE	< 4.3	< 5.6	< 11	< 7.1	< 5	< 290
CHLOROBENZENE	< 4.3	< 5.6	< 11	< 7.1	< 5	< 290
CHLOROETHANE	< 4.3	< 5.6	< 11	< 7.1	< 10	< 290
CHLOROFORM	< 4.3	< 5.6	< 11	< 7.1	< 5	< 290
CHLOROMETHANE	< 4.3	< 5.6	< 11	< 7.1	< 10	< 290
CIS-1,2-DICHLOROETHENE	< 2.1	2 J	2.4 J	< 3.6	< 2.5	< 140
CIS-1,3-DICHLOROPROPENE	< 4.3	< 5.6	< 11	< 7.1	< 5	< 290
CYCLOHEXANE	< 8.6	< 11	< 23	< 14		< 570
DIBROMOCHLOROMETHANE	< 4.3	< 5.6	< 11	< 7.1	< 5	< 290
DICHLORODIFLUOROMETHANE	< 4.3	< 5.6	< 11	< 7.1		< 290
ETHYLBENZENE	< 4.3	< 5.6	< 11	< 7.1	< 5	< 290
HEXACHLOROBUTADIENE						
ISOPROPYLBENZENE	< 4.3	< 5.6	< 11	< 7.1		< 290
METHYL ACETATE	< 8.6	< 11	< 23	< 14		< 570
METHYL TERT-BUTYL ETHER	< 17	< 23	< 45	< 28		< 1100
METHYLCYCLOHEXANE	< 8.6	< 11	< 23	< 14		< 570
METHYLENE CHLORIDE	2.6 J B u	3.4 J	5.4 J	2.5 J B u	< 5	< 290
NAPHTHALENE						
N-HEXANE					< 5	
STYRENE	< 4.3	< 5.6	< 11	< 7.1	< 5	< 290
TETRACHLOROETHENE	< 4.3	1.5 J	< 11	< 7.1	< 5	9700
TOLUENE	0.54 J	< 5.6	< 11	< 7.1	< 5	< 290
TRANS-1,2-DICHLOROETHENE	< 2.1	< 2.8	< 5.7	< 3.6		< 140
TRANS-1,2-DICHLOROETHYLENE					< 2.5	
TRANS-1,3-DICHLOROPROPENE	< 4.3	< 5.6	< 11	< 7.1	< 5	< 290
TRICHLOROETHENE	< 4.3	< 5.6	< 11	< 7.1	< 5	< 290
TRICHLOROFLUOROMETHANE	< 4.3	< 5.6	< 11	< 7.1		< 290
VINYL CHLORIDE	< 4.3	< 5.6	< 11	< 7.1	< 10	< 290
XYLENES (TOTAL)	< 4.3	< 5.6	< 11	< 7.1	< 5	< 290

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP02-053 / 10-12 2003-08-29 Soil SW5035 µg/kg	GP02-054 / 14-16 2003-08-29 Soil SW5035 µg/kg	GP02-070 / 08-10 2003-11-11 Soil SW5035 µg/kg	GP02-070 / 19-21 DUP 2003-11-11 Soil SW5035 µg/kg	GP02-070 / 19-21 2003-11-11 Soil SW5035 µg/kg	GP02-071 / 12_5-13 2003-11-11 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
1,1,2,2-TETRACHLOROETHANE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
1,1,2-TRICHLOROETHANE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
1,1-DICHLOROETHANE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
1,1-DICHLOROETHENE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
1,2,4-TRICHLOROBENZENE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
1,2-DIBROMO-3-CHLOROPROPANE	< 470	< 27000	< 10	< 8.9	< 9.4	< 8.1 uj
1,2-DIBROMOETHANE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
1,2-DICHLOROBENZENE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
1,2-DICHLOROETHANE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
1,3-DICHLOROBENZENE	< 240	< 13000	< 5.1	0.99 J	< 4.7	< 4.1 uj
1,4-DICHLOROBENZENE	< 240	< 13000	< 5.1	1 J	< 4.7	< 4.1 uj
2-BUTANONE	< 940	< 53000	2.3 J r	1.9 J r	< 19	< 16 uj
2-HEXANONE	< 940	< 53000	< 20	< 18	< 19	< 16 uj
4-METHYL-2-PENTANONE	< 940	< 53000	< 20	< 18	< 19	< 16 uj
ACETONE	250 J B r	< 53000	10 J r	12 J r	6.7 J r	< 16 uj
BENZENE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
BROMODICHLOROMETHANE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
BROMOFORM	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
BROMOMETHANE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
CARBON DISULFIDE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
CARBON TETRACHLORIDE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
CHLOROBENZENE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
CHLOROETHANE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
CHLOROFORM	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
CHLOROMETHANE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
CIS-1,2-DICHLOROETHENE	< 120	< 6700	< 2.5	< 2.2	4.7	< 2 uj
CIS-1,3-DICHLOROPROPENE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
CYCLOHEXANE	< 470	< 27000	< 10	< 8.9	< 9.4	< 8.1 uj
DIBROMOCHLOROMETHANE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
DICHLORODIFLUOROMETHANE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
ETHYLBENZENE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
HEXACHLOROBUTADIENE						
ISOPROPYLBENZENE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
METHYL ACETATE	< 470	< 27000	< 10	< 8.9	< 9.4	< 8.1 uj
METHYL TERT-BUTYL ETHER	< 940	< 53000	< 20	< 18	< 19	< 16 uj
METHYLCYCLOHEXANE	< 470	< 27000	< 10	< 8.9	< 9.4	< 8.1 uj
METHYLENE CHLORIDE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
NAPHTHALENE						
N-HEXANE						
STYRENE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
TETRACHLOROETHENE	1000	400000	< 5.1	< 4.5	< 4.7	< 4.1 uj
TOLUENE	< 240	< 13000	0.74 J	0.83 J	0.62 J	1.2 J j
TRANS-1,2-DICHLOROETHENE	< 120	< 6700	< 2.5	< 2.2	< 2.4	< 2 uj
TRANS-1,2-DICHLOROETHYLENE						
TRANS-1,3-DICHLOROPROPENE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
TRICHLOROETHENE	< 240	12000 J	< 5.1	< 4.5	< 4.7	< 4.1 uj
TRICHLOROFLUOROMETHANE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
VINYL CHLORIDE	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj
XYLENES (TOTAL)	< 240	< 13000	< 5.1	< 4.5	< 4.7	< 4.1 uj

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP02-072 / 11_5-13_5 2003-11-11 Soil SW5035 µg/kg	GP02-072 / 18_5-20 2003-11-11 Soil SW5035 µg/kg	GP02-073 / 10_5-12_5 2003-11-11 Soil SW5035 µg/kg	GP02-073 / 23_5-24_5 2003-11-11 Soil SW5035 µg/kg	GP02-074 / 11_5-13_5 2003-11-12 Soil SW5035 µg/kg	GP02-074 / 19-21 2003-11-12 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
1,1,2,2-TETRACHLOROETHANE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
1,1,2-TRICHLOROETHANE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
1,1-DICHLOROETHANE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
1,1-DICHLOROETHENE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	2.1 J j
1,2,4-TRICHLOROBENZENE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
1,2-DIBROMO-3-CHLOROPROPANE	< 8.4 uj	< 9.4 uj	< 8.2	< 8.2 uj	< 9.1	< 8.5 uj
1,2-DIBROMOETHANE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
1,2-DICHLOROBENZENE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
1,2-DICHLOROETHANE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
1,3-DICHLOROBENZENE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
1,4-DICHLOROBENZENE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
2-BUTANONE	< 17 uj	< 19 uj	< 16	< 16 uj	< 18	< 17 uj
2-HEXANONE	< 17 uj	< 19 uj	< 16	< 16 uj	< 18	< 17 uj
4-METHYL-2-PENTANONE	< 17 uj	< 19 uj	< 16	< 16 uj	< 18	< 17 uj
ACETONE	6.1 J jr	12 J jr	5.6 J r	5.8 J jr	7.2 J r	6 J jr
BENZENE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
BROMODICHLOROMETHANE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
BROMOFORM	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
BROMOMETHANE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
CARBON DISULFIDE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
CARBON TETRACHLORIDE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
CHLOROBENZENE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
CHLOROETHANE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
CHLOROFORM	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
CHLOROMETHANE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
CIS-1,2-DICHLOROETHENE	< 2.1 uj	< 2.4 uj	< 2.1	< 2 uj	< 2.3	8.1 j
CIS-1,3-DICHLOROPROPENE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
CYCLOHEXANE	< 8.4 uj	< 9.4 uj	< 8.2	< 8.2 uj	< 9.1	< 8.5 uj
DIBROMOCHLOROMETHANE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
DICHLORODIFLUOROMETHANE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
ETHYLBENZENE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
HEXACHLOROBUTADIENE						
ISOPROPYLBENZENE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
METHYL ACETATE	< 8.4 uj	< 9.4 uj	< 8.2	< 8.2 uj	< 9.1	< 8.5 uj
METHYL TERT-BUTYL ETHER	< 17 uj	< 19 uj	< 16	< 16 uj	< 18	< 17 uj
METHYLCYCLOHEXANE	< 8.4 uj	< 9.4 uj	< 8.2	< 8.2 uj	< 9.1	< 8.5 uj
METHYLENE CHLORIDE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
NAPHTHALENE						
N-HEXANE						
STYRENE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
TETRACHLOROETHENE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
TOLUENE	0.85 J j	1.5 J j	0.55 J	0.67 J j	0.43 J	0.59 J j
TRANS-1,2-DICHLOROETHENE	< 2.1 uj	< 2.4 uj	< 2.1	< 2 uj	< 2.3	1 J j
TRANS-1,2-DICHLOROETHYLENE						
TRANS-1,3-DICHLOROPROPENE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
TRICHLOROETHENE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	0.42 J j
TRICHLOROFLUOROMETHANE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
VINYL CHLORIDE	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj
XYLENES (TOTAL)	< 4.2 uj	< 4.7 uj	< 4.1	< 4.1 uj	< 4.5	< 4.2 uj

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP02-075 / 10_5-12_5 2003-11-12 Soil SW5035 µg/kg	GP02-075 / 13_5-15_5 2003-11-12 Soil SW5035 µg/kg	GP02-076 / 08-10 2003-11-12 Soil SW5035 µg/kg	GP02-076 / 13-15 2003-11-12 Soil SW5035 µg/kg	GP02-077 / 00-02 2003-11-12 Soil SW5035 µg/kg	GP02-077 / 11-14 2003-11-12 Soil SW5035 µg/kg
1,1,1-TRICHLOROETHANE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
1,1,2,2-TETRACHLOROETHANE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
1,1,2-TRICHLOROETHANE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
1,1-DICHLOROETHANE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
1,1-DICHLOROETHENE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
1,2,4-TRICHLOROBENZENE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
1,2-DIBROMO-3-CHLOROPROPANE	< 9 uj	< 9 uj	< 9	< 9.3	< 9	< 8.6
1,2-DIBROMOETHANE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
1,2-DICHLOROBENZENE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
1,2-DICHLOROETHANE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
1,3-DICHLOROBENZENE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
1,4-DICHLOROBENZENE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
2-BUTANONE	< 18 uj	2.4 J jr	< 18	< 19	< 18	< 17
2-HEXANONE	< 18 uj	< 18 uj	< 18	< 19	< 18	< 17
4-METHYL-2-PENTANONE	< 18 uj	< 18 uj	< 18	< 19	< 18	< 17
ACETONE	< 18 uj	16 J jr	< 18	14 J r	< 18	< 17
BENZENE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
BROMODICHLOROMETHANE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
BROMOFORM	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
BROMOMETHANE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
CARBON DISULFIDE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
CARBON TETRACHLORIDE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
CHLOROBENZENE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
CHLOROETHANE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
CHLOROFORM	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
CHLOROMETHANE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
CIS-1,2-DICHLOROETHENE	< 2.3 uj	< 2.2 uj	< 2.2	< 2.3	< 2.3	< 2.1
CIS-1,3-DICHLOROPROPENE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
CYCLOHEXANE	< 9 uj	< 9 uj	< 9	< 9.3	< 9	< 8.6
DIBROMOCHLOROMETHANE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
DICHLORODIFLUOROMETHANE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
ETHYLBENZENE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
HEXACHLOROBUTADIENE						
ISOPROPYLBENZENE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
METHYL ACETATE	< 9 uj	< 9 uj	< 9	< 9.3	< 9	< 8.6
METHYL TERT-BUTYL ETHER	< 18 uj	< 18 uj	< 18	< 19	< 18	< 17
METHYLCYCLOHEXANE	< 9 uj	< 9 uj	< 9	< 9.3	< 9	< 8.6
METHYLENE CHLORIDE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
NAPHTHALENE						
N-HEXANE						
STYRENE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
TETRACHLOROETHENE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
TOLUENE	0.99 J j	0.68 J j	< 4.5	0.59 J	< 4.5	0.39 J
TRANS-1,2-DICHLOROETHENE	< 2.3 uj	< 2.2 uj	< 2.2	< 2.3	< 2.3	< 2.1
TRANS-1,2-DICHLOROETHYLENE						
TRANS-1,3-DICHLOROPROPENE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
TRICHLOROETHENE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
TRICHLOROFLUOROMETHANE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
VINYL CHLORIDE	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3
XYLENES (TOTAL)	< 4.5 uj	< 4.5 uj	< 4.5	< 4.6	< 4.5	< 4.3

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	GP02-077 / 14_5-16 2003-11-12 Soil SW5035 µg/kg	GP02-088 / 06-07_5 2004-01-26 Soil SW5035 µg/kg	GP02-088 / 25-26 2004-01-26 Soil SW5035 µg/kg	GP02-088 / 9_5-10 2004-01-26 Soil SW5035 µg/kg	RW01-04 / 02-04 CONF 2004-01-29 Soil SW5035 µg/kg	RW01-04 / 02-04 1999-01-27 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 4 uj	< 13	< 6.5	< 6.3	< 10	< 25
1,1,2,2-TETRACHLOROETHANE	< 4 uj	< 13	< 6.5	< 6.3	< 10	< 25
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 4 uj	< 13	< 6.5	< 6.3	< 10	
1,1,2-TRICHLOROETHANE	< 4 uj	< 13	< 6.5	< 6.3	< 10	< 25
1,1-DICHLOROETHANE	< 4 uj	< 13	< 6.5	< 6.3	< 10	< 25
1,1-DICHLOROETHENE	< 4 uj	< 13	< 6.5	< 6.3	< 10	< 25
1,2,4-TRICHLOROBENZENE	< 4 uj	< 13	< 6.5	< 6.3	< 10	
1,2-DIBROMO-3-CHLOROPROPANE	< 8 uj	< 27	< 13	< 13	< 21	
1,2-DIBROMOETHANE	< 4 uj	< 13	< 6.5	< 6.3	< 10	
1,2-DICHLOROBENZENE	< 4 uj	< 13	< 6.5	< 6.3	< 10	
1,2-DICHLOROETHANE	< 4 uj	< 13	< 6.5	< 6.3	< 10	< 25
1,2-DICHLOROETHENE (TOTAL)						< 25
1,2-DICHLOROPROPANE	< 4 uj	< 13	< 6.5	< 6.3	< 10	< 25
1,3-DICHLOROBENZENE	< 4 uj	< 13	< 6.5	< 6.3	< 10	
1,4-DICHLOROBENZENE	< 4 uj	< 13	< 6.5	< 6.3	< 10	
2-BUTANONE	< 16 uj	< 54	1.9 J	< 25	3.2 J	< 100
2-HEXANONE	< 16 uj	< 54	< 26	< 25	< 41	< 100
4-METHYL-2-PENTANONE	< 16 uj	< 54	< 26	< 25	< 41	< 100
ACETONE	5.3 J jr	< 54	< 26	< 25	< 41	< 100
BENZENE	< 4 uj	< 13	< 6.5	< 6.3	< 10	< 25
BROMODICHLOROMETHANE	< 4 uj	< 13	< 6.5	< 6.3	< 10	< 25
BROMOFORM	< 4 uj	< 13	< 6.5	< 6.3	< 10	< 25
BROMOMETHANE	< 4 uj	< 13	< 6.5	< 6.3	< 10	< 50
CARBON DISULFIDE	< 4 uj	< 13	< 6.5	< 6.3	< 10	< 25
CARBON TETRACHLORIDE	< 4 uj	< 13	< 6.5	< 6.3	< 10	< 25
CHLOROBENZENE	< 4 uj	< 13	< 6.5	< 6.3	< 10	< 25
CHLOROETHANE	< 4 uj	< 13	< 6.5	< 6.3	< 10	< 50
CHLOROFORM	< 4 uj	< 13	< 6.5	< 6.3	< 10	< 25
CHLOROMETHANE	< 4 uj	< 13	< 6.5	< 6.3	< 10	< 50
CIS-1,2-DICHLOROETHENE	< 2 uj	< 6.7	< 3.3	< 3.1	1.7 J	< 12
CIS-1,3-DICHLOROPROPENE	< 4 uj	< 13	< 6.5	< 6.3	< 10	< 25
CYCLOHEXANE	< 8 uj	< 27	< 13	< 13	< 21	
DIBROMOCHLOROMETHANE	< 4 uj	< 13	< 6.5	< 6.3	< 10	< 25
DICHLORODIFLUOROMETHANE	< 4 uj	< 13	< 6.5	< 6.3	< 10	
ETHYLBENZENE	< 4 uj	< 13	< 6.5	< 6.3	< 10	< 25
HEXACHLOROBUTADIENE						
ISOPROPYLBENZENE	< 4 uj	< 13	< 6.5	< 6.3	< 10	
METHYL ACETATE	< 8 uj	4 J B u	2.4 J B u	< 13	3.7 J B u	
METHYL TERT-BUTYL ETHER	< 16 uj	< 54	< 26	< 25	< 41	
METHYLCYCLOHEXANE	< 8 uj	< 27	< 13	< 13	< 21	
METHYLENE CHLORIDE	< 4 uj	11 J	3.9 J	5.4 J	< 10	< 25
NAPHTHALENE						
N-HEXANE						< 25
STYRENE	< 4 uj	< 13	< 6.5	< 6.3	< 10	< 25
TETRACHLOROETHENE	< 4 uj	< 13	< 6.5	< 6.3	64	570
TOLUENE	0.42 J j	< 13	< 6.5	0.58 J	2 J	< 25
TRANS-1,2-DICHLOROETHENE	< 2 uj	< 6.7	< 3.3	< 3.1	< 5.2	
TRANS-1,2-DICHLOROETHYLENE						< 12
TRANS-1,3-DICHLOROPROPENE	< 4 uj	< 13	< 6.5	< 6.3	< 10	< 25
TRICHLOROETHENE	< 4 uj	< 13	< 6.5	< 6.3	1.1 J	31
TRICHLOROFLUOROMETHANE	< 4 uj	< 13	< 6.5	< 6.3	< 10	
VINYL CHLORIDE	< 4 uj	< 13	< 6.5	< 6.3	< 10	< 50
XYLENES (TOTAL)	< 4 uj	< 13	< 6.5	< 6.3	< 10	< 25

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	RW01-04 / 06-08 CONF 2004-01-29 Soil SW5035 µg/kg	RW01-04 / 06-08 1999-01-27 Soil SW5030 µg/kg	RW01-04 / 08-10 CONF 2004-01-29 Soil SW5035 µg/kg	RW01-04 / 08-10 1999-01-27 Soil SW5030 µg/kg	RW01-04 / 14-16 2004-01-29 Soil SW5035 µg/kg	RW01-06 / 00-02 1999-01-29 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 1000	< 620	< 520	< 25	< 6.8	< 8.3
1,1,2,2-TETRACHLOROETHANE	< 1000	< 620	< 520	< 25	< 6.8	< 8.3
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1000		1000		< 6.8	
1,1,2-TRICHLOROETHANE	< 1000	< 620	< 520	< 25	< 6.8	< 8.3
1,1-DICHLOROETHANE	< 1000	< 620	< 520	< 25	< 6.8	< 8.3
1,1-DICHLOROETHENE	< 1000	< 620	< 520	< 25	< 6.8	< 8.3
1,2,4-TRICHLOROBENZENE	< 1000		< 520		< 6.8	
1,2-DIBROMO-3-CHLOROPROPANE	< 2100		< 1000		< 14	
1,2-DIBROMOETHANE	< 1000		< 520		< 6.8	
1,2-DICHLOROBENZENE	< 1000		< 520		< 6.8	
1,2-DICHLOROETHANE	< 1000	< 620	< 520	< 25	< 6.8	< 8.3
1,2-DICHLOROETHENE (TOTAL)		< 620		440		38
1,2-DICHLOROPROPANE	< 1000	< 620	< 520	< 25	< 6.8	< 8.3
1,3-DICHLOROBENZENE	< 1000		< 520		< 6.8	
1,4-DICHLOROBENZENE	< 1000		< 520		< 6.8	
2-BUTANONE	< 4100	< 2500	< 2100	< 100	2.8 J	< 33
2-HEXANONE	< 4100	< 2500	< 2100	< 100	< 27	< 33
4-METHYL-2-PENTANONE	< 4100	< 2500	< 2100	< 100	2.2 J	< 33
ACETONE	< 4100	< 2500	< 2100	< 100	130	< 33
BENZENE	< 1000	< 620	< 520	< 25	< 6.8	< 8.3
BROMODICHLOROMETHANE	< 1000	< 620	< 520	< 25	< 6.8	< 8.3
BROMOFORM	< 1000	< 620	< 520	< 25	< 6.8	< 8.3
BROMOMETHANE	< 1000	< 1200	< 520	< 50	< 6.8	< 17
CARBON DISULFIDE	< 1000	< 620	< 520	< 25	< 6.8	< 8.3
CARBON TETRACHLORIDE	< 1000	< 620	< 520	< 25	< 6.8	< 8.3
CHLOROBENZENE	< 1000	< 620	< 520	< 25	< 6.8	< 8.3
CHLOROETHANE	< 1000	< 1200	< 520	< 50	< 6.8	< 17
CHLOROFORM	< 1000	< 620	< 520	< 25	< 6.8	< 8.3
CHLOROMETHANE	< 1000	< 1200	< 520	< 50	< 6.8	< 17
CIS-1,2-DICHLOROETHENE	< 520	< 310	1000	430	4.7	38
CIS-1,3-DICHLOROPROPENE	< 1000	< 620	< 520	< 25	< 6.8	< 8.3
CYCLOHEXANE	< 2100		< 1000		< 14	
DIBROMOCHLOROMETHANE	< 1000	< 620	< 520	< 25	< 6.8	< 8.3
DICHLORODIFLUOROMETHANE	< 1000		< 520		< 6.8	
ETHYLBENZENE	< 1000	< 620	< 520	< 25	< 6.8	< 8.3
HEXACHLOROBUTADIENE						
ISOPROPYLBENZENE	< 1000		< 520		< 6.8	
METHYL ACETATE	290 J B u		150 J B u		3.1 J B u	
METHYL TERT-BUTYL ETHER	< 4100		< 2100		< 27	
METHYLCYCLOHEXANE	< 2100		< 1000		< 14	
METHYLENE CHLORIDE	1100 B u	< 620	460 J B u	42	4.2 J B u	< 8.3
NAPHTHALENE						
N-HEXANE		< 620		< 25		< 8.3
STYRENE	< 1000	< 620	< 520	< 25	< 6.8	< 8.3
TETRACHLOROETHENE	32000	34000	2200	< 25	1.1 J	210
TOLUENE	< 1000	< 620	< 520	< 25	3.4 J	< 8.3
TRANS-1,2-DICHLOROETHENE	< 520		< 260		< 3.4	
TRANS-1,2-DICHLOROETHYLENE		< 310		12		< 4.2
TRANS-1,3-DICHLOROPROPENE	< 1000	< 620	< 520	< 25	< 6.8	< 8.3
TRICHLOROETHENE	1500	3700	16000	800	1 J	230
TRICHLOROFLUOROMETHANE	< 1000		< 520		< 6.8	
VINYL CHLORIDE	< 1000	< 1200	< 520	< 50	< 6.8	< 17
XYLENES (TOTAL)	< 1000	< 620	< 520	< 25	< 6.8	< 8.3

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	RW01-06 / 06-08 1999-01-29 Soil SW5030 µg/kg	RW01-06 / 08-10 1999-01-29 Soil SW5030 µg/kg	SEPTIC TANK NW 2000-08-10 Soil SW5030 µg/kg	SEPTIC TANK SE 2000-08-10 Soil SW5030 µg/kg	VSGP-001 / 10-12 2000-04-04 Soil SW5030 µg/kg	VSGP-001 / 12-13_5 2000-04-04 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 620	< 12	< 5.6	< 5.6	< 5	< 5
1,1,2,2-TETRACHLOROETHANE	< 620	< 12	< 5.6	< 5.6	< 5	< 5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE						
1,1,2-TRICHLOROETHANE	< 620	< 12	< 5.6	< 5.6	< 5	< 5
1,1-DICHLOROETHANE	< 620	< 12	< 5.6	< 5.6	< 5	< 5
1,1-DICHLOROETHENE	< 620	< 12	< 5.6	< 5.6	< 5	< 5
1,2,4-TRICHLOROBENZENE			< 11	< 11	< 10	< 10
1,2-DIBROMO-3-CHLOROPROPANE						
1,2-DIBROMOETHANE						
1,2-DICHLOROBENZENE			< 11	< 11	< 10	< 10
1,2-DICHLOROETHANE	< 620	< 12	< 5.6	< 5.6	< 5	< 5
1,2-DICHLOROETHENE (TOTAL)	< 620	300	< 5.6	< 5.6	< 5	< 5
1,2-DICHLOROPROPANE	< 620	< 12	< 5.6	< 5.6	< 5	< 5
1,3-DICHLOROBENZENE			< 11	< 11	< 10	< 10
1,4-DICHLOROBENZENE			< 11	< 11	< 10	< 10
2-BUTANONE	< 2500	< 50	< 23	< 23	< 20	< 20
2-HEXANONE	< 2500	< 50	< 23	< 23	< 20	< 20
4-METHYL-2-PENTANONE	< 2500	< 50	< 23	< 23	< 20	< 20
ACETONE	< 2500	< 50	< 23	< 23	< 20	< 20
BENZENE	< 620	< 12	< 5.6	< 5.6	< 5	< 5
BROMODICHLOROMETHANE	< 620	< 12	< 5.6	< 5.6	< 5	< 5
BROMOFORM	< 620	< 12	< 5.6	< 5.6	< 5	< 5
BROMOMETHANE	< 1200	< 25	< 11	< 11	< 10	< 10
CARBON DISULFIDE	< 620	< 12	< 5.6	< 5.6	< 5	< 5
CARBON TETRACHLORIDE	< 620	< 12	< 5.6	< 5.6	< 5	< 5
CHLOROBENZENE	< 620	< 12	< 5.6	< 5.6	< 5	< 5
CHLOROETHANE	< 1200	< 25	< 11	< 11	< 10	< 10
CHLOROFORM	< 620	< 12	< 5.6	< 5.6	< 5	< 5
CHLOROMETHANE	< 1200	< 25	< 11	< 11	< 10	< 10
CIS-1,2-DICHLOROETHENE	< 310	280	< 2.8	< 2.8	< 2.5	< 2.5
CIS-1,3-DICHLOROPROPENE	< 620	< 12	< 5.6	< 5.6	< 5	< 5
CYCLOHEXANE						
DIBROMOCHLOROMETHANE	< 620	< 12	< 5.6	< 5.6	< 5	< 5
DICHLORODIFLUOROMETHANE						
ETHYLBENZENE	< 620	< 12	< 5.6	< 5.6	< 5	< 5
HEXACHLOROBUTADIENE			< 11	< 11	< 10	< 10
ISOPROPYLBENZENE						
METHYL ACETATE						
METHYL TERT-BUTYL ETHER						
METHYLCYCLOHEXANE						
METHYLENE CHLORIDE	< 620	< 12	< 5.6	< 5.6	< 5	< 5
NAPHTHALENE			< 11	< 11	< 10	< 10
N-HEXANE	< 620	< 12	< 5.6	< 5.6	< 5	< 5
STYRENE	< 620	< 12	< 5.6	< 5.6	< 5	< 5
TETRACHLOROETHENE	2200	< 12	< 5.6	< 5.6	< 5	< 5
TOLUENE	< 620	< 12	< 5.6	< 5.6	< 5	< 5
TRANS-1,2-DICHLOROETHENE			< 2.8	< 2.8	< 2.5	< 2.5
TRANS-1,2-DICHLOROETHYLENE	< 310	14				
TRANS-1,3-DICHLOROPROPENE	< 620	< 12	< 5.6	< 5.6	< 5	< 5
TRICHLOROETHENE	3500	22	< 5.6	< 5.6	< 5	< 5
TRICHLOROFLUOROMETHANE						
VINYL CHLORIDE	< 1200	< 25	< 11	< 11	< 10	< 10
XYLENES (TOTAL)	< 620	< 12	< 5.6	< 5.6	< 5	< 5

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	VSGP-002 / 10-11 2000-04-04 Soil SW5030 µg/kg	VSGP-002 / 11-13_2 2000-04-04 Soil SW5030 µg/kg	VSGP-003 / 03-04 2000-04-04 Soil SW5030 µg/kg	VSGP-005 / 12_5-13_3 2000-04-05 Soil SW5030 µg/kg	VSGP-005 / 2_5-04 2000-04-05 Soil SW5030 µg/kg	VSGP-006 / 10-12 2000-04-05 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-TETRACHLOROETHANE	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE						
1,1,2-TRICHLOROETHANE	< 5	< 5	< 5	< 5	< 5	< 5
1,1-DICHLOROETHANE	< 5	< 5	< 5	< 5	< 5	< 5
1,1-DICHLOROETHENE	< 5	< 5	< 5	< 5	< 5	< 5
1,2,4-TRICHLOROBENZENE	< 10	< 10	< 10	< 10	< 10	< 10
1,2-DIBROMO-3-CHLOROPROPANE						
1,2-DIBROMOETHANE						
1,2-DICHLOROBENZENE	< 10	< 10	< 10	< 10	< 10	< 10
1,2-DICHLOROETHANE	< 5	< 5	< 5	< 5	< 5	< 5
1,2-DICHLOROETHENE (TOTAL)	< 5	< 5	< 5	< 5	< 5	< 5
1,2-DICHLOROPROPANE	< 5	< 5	< 5	< 5	< 5	< 5
1,3-DICHLOROBENZENE	< 10	< 10	< 10	< 10	< 10	< 10
1,4-DICHLOROBENZENE	< 10	< 10	< 10	< 10	< 10	< 10
2-BUTANONE	< 20	< 20	< 20	< 20	< 20	< 20
2-HEXANONE	< 20	< 20	< 20	< 20	< 20	< 20
4-METHYL-2-PENTANONE	< 20	< 20	< 20	< 20	< 20	< 20
ACETONE	< 20	< 20	< 20	< 20	< 20	< 20
BENZENE	< 5	< 5	< 5	< 5	< 5	< 5
BROMODICHLOROMETHANE	< 5	< 5	< 5	< 5	< 5	< 5
BROMOFORM	< 5	< 5	< 5	< 5	< 5	< 5
BROMOMETHANE	< 10	< 10	< 10	< 10	< 10	< 10
CARBON DISULFIDE	< 5	< 5	< 5	< 5	< 5	< 5
CARBON TETRACHLORIDE	< 5	< 5	< 5	< 5	< 5	< 5
CHLOROBENZENE	< 5	< 5	< 5	< 5	< 5	< 5
CHLOROETHANE	< 10	< 10	< 10	< 10	< 10	< 10
CHLOROFORM	< 5	< 5	< 5	< 5	< 5	< 5
CHLOROMETHANE	< 10	< 10	< 10	< 10	< 10	< 10
CIS-1,2-DICHLOROETHENE	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
CIS-1,3-DICHLOROPROPENE	< 5	< 5	< 5	< 5	< 5	< 5
CYCLOHEXANE						
DIBROMOCHLOROMETHANE	< 5	< 5	< 5	< 5	< 5	< 5
DICHLORODIFLUOROMETHANE						
ETHYLBENZENE	< 5	< 5	< 5	< 5	< 5	< 5
HEXACHLOROBUTADIENE	< 10	< 10	< 10	< 10	< 10	< 10
ISOPROPYLBENZENE						
METHYL ACETATE						
METHYL TERT-BUTYL ETHER						
METHYLCYCLOHEXANE						
METHYLENE CHLORIDE	< 5	< 5	< 5	< 5	< 5	< 5
NAPHTHALENE	< 10	< 10	< 10	< 10	< 10	< 10
N-HEXANE	< 5	< 5	< 5	< 5	< 5	< 5
STYRENE	< 5	< 5	< 5	< 5	< 5	< 5
TETRACHLOROETHENE	< 5	< 5	35	< 5	< 5	< 5
TOLUENE	< 5	< 5	< 5	< 5	< 5	< 5
TRANS-1,2-DICHLOROETHENE	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
TRANS-1,2-DICHLOROETHYLENE						
TRANS-1,3-DICHLOROPROPENE	< 5	< 5	< 5	< 5	< 5	< 5
TRICHLOROETHENE	< 5	< 5	< 5	< 5	< 5	< 5
TRICHLOROFLUOROMETHANE						
VINYL CHLORIDE	< 10	< 10	< 10	< 10	< 10	< 10
XYLENES (TOTAL)	< 5	< 5	< 5	< 5	< 5	< 5

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	VSGP-008 / 04-06 2000-04-05 Soil SW5030 µg/kg	VSGP-008 / 08-10 2000-04-05 Soil SW5030 µg/kg	VSGP-009 / 04-06 2000-04-05 Soil SW5030 µg/kg	VSGP-009 / 08-10 2000-04-05 Soil SW5030 µg/kg	VSGP-010 / 04-06 2000-04-05 Soil SW5030 µg/kg	VSGP-010 / 12-14_5 2000-04-05 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-TETRACHLOROETHANE	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE						
1,1,2-TRICHLOROETHANE	< 5	< 5	< 5	< 5	< 5	< 5
1,1-DICHLOROETHANE	< 5	< 5	< 5	< 5	< 5	< 5
1,1-DICHLOROETHENE	< 5	< 5	< 5	< 5	< 5	< 5
1,2,4-TRICHLOROBENZENE	< 10	< 10	< 10	< 10	< 10	< 10
1,2-DIBROMO-3-CHLOROPROPANE						
1,2-DIBROMOETHANE						
1,2-DICHLOROBENZENE	< 10	< 10	< 10	< 10	< 10	< 10
1,2-DICHLOROETHANE	< 5	< 5	< 5	< 5	< 5	< 5
1,2-DICHLOROETHENE (TOTAL)	< 5	< 5	< 5	< 5	< 5	< 5
1,2-DICHLOROPROPANE	< 5	< 5	< 5	< 5	< 5	< 5
1,3-DICHLOROBENZENE	< 10	< 10	< 10	< 10	< 10	< 10
1,4-DICHLOROBENZENE	< 10	< 10	< 10	< 10	< 10	< 10
2-BUTANONE	< 20	< 20	< 20	< 20	< 20	< 20
2-HEXANONE	< 20	< 20	< 20	< 20	< 20	< 20
4-METHYL-2-PENTANONE	< 20	< 20	< 20	< 20	< 20	< 20
ACETONE	< 20	< 20	< 20	< 20	< 20	< 20
BENZENE	< 5	< 5	< 5	< 5	< 5	< 5
BROMODICHLOROMETHANE	< 5	< 5	< 5	< 5	< 5	< 5
BROMOFORM	< 5	< 5	< 5	< 5	< 5	< 5
BROMOMETHANE	< 10	< 10	< 10	< 10	< 10	< 10
CARBON DISULFIDE	< 5	< 5	< 5	< 5	< 5	< 5
CARBON TETRACHLORIDE	< 5	< 5	< 5	< 5	< 5	< 5
CHLOROBENZENE	< 5	< 5	< 5	< 5	< 5	< 5
CHLOROETHANE	< 10	< 10	< 10	< 10	< 10	< 10
CHLOROFORM	< 5	< 5	< 5	< 5	< 5	< 5
CHLOROMETHANE	< 10	< 10	< 10	< 10	< 10	< 10
CIS-1,2-DICHLOROETHENE	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
CIS-1,3-DICHLOROPROPENE	< 5	< 5	< 5	< 5	< 5	< 5
CYCLOHEXANE						
DIBROMOCHLOROMETHANE	< 5	< 5	< 5	< 5	< 5	< 5
DICHLORODIFLUOROMETHANE						
ETHYLBENZENE	< 5	< 5	< 5	< 5	< 5	< 5
HEXACHLOROBUTADIENE	< 10	< 10	< 10	< 10	< 10	< 10
ISOPROPYLBENZENE						
METHYL ACETATE						
METHYL TERT-BUTYL ETHER						
METHYLCYCLOHEXANE						
METHYLENE CHLORIDE	< 5	< 5	< 5	< 5	< 5	< 5
NAPHTHALENE	< 10	< 10	< 10	< 10	< 10	< 10
N-HEXANE	< 5	< 5	< 5	< 5	< 5	< 5
STYRENE	< 5	< 5	< 5	< 5	< 5	< 5
TETRACHLOROETHENE	53	< 5	38	< 5	32	< 5
TOLUENE	< 5	< 5	< 5	< 5	< 5	< 5
TRANS-1,2-DICHLOROETHENE	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
TRANS-1,2-DICHLOROETHYLENE						
TRANS-1,3-DICHLOROPROPENE	< 5	< 5	< 5	< 5	< 5	< 5
TRICHLOROETHENE	< 5	< 5	< 5	< 5	5.1	< 5
TRICHLOROFLUOROMETHANE						
VINYL CHLORIDE	< 10	< 10	< 10	< 10	< 10	< 10
XYLENES (TOTAL)	< 5	< 5	< 5	< 5	< 5	< 5

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 29b: Soil VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Sample Preparation Method Reporting Units	VSGP-011 / 04-05 2000-04-05 Soil SW5030 µg/kg	VSGP-012 / 04-05 2000-04-05 Soil SW5030 µg/kg	VSGP-012 / 12-12_2 2000-04-05 Soil SW5030 µg/kg
1,1,1-TRICHLOROETHANE	< 5	< 5	< 5
1,1,2,2-TETRACHLOROETHANE	< 5	< 5	< 5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE			
1,1,2-TRICHLOROETHANE	< 5	< 5	< 5
1,1-DICHLOROETHANE	< 5	< 5	< 5
1,1-DICHLOROETHENE	< 5	< 5	< 5
1,2,4-TRICHLOROBENZENE	< 10	< 10	< 10
1,2-DIBROMO-3-CHLOROPROPANE			
1,2-DIBROMOETHANE			
1,2-DICHLOROBENZENE	< 10	< 10	< 10
1,2-DICHLOROETHANE	< 5	< 5	< 5
1,2-DICHLOROETHENE (TOTAL)	< 5	< 5	< 5
1,2-DICHLOROPROPANE	< 5	< 5	< 5
1,3-DICHLOROBENZENE	< 10	< 10	< 10
1,4-DICHLOROBENZENE	< 10	< 10	< 10
2-BUTANONE	< 20	< 20	< 20
2-HEXANONE	< 20	< 20	< 20
4-METHYL-2-PENTANONE	< 20	< 20	< 20
ACETONE	< 20	< 20	< 20
BENZENE	< 5	< 5	< 5
BROMODICHLOROMETHANE	< 5	< 5	< 5
BROMOFORM	< 5	< 5	< 5
BROMOMETHANE	< 10	< 10	< 10
CARBON DISULFIDE	< 5	< 5	< 5
CARBON TETRACHLORIDE	< 5	< 5	< 5
CHLOROBENZENE	< 5	< 5	< 5
CHLOROETHANE	< 10	< 10	< 10
CHLOROFORM	< 5	< 5	< 5
CHLOROMETHANE	< 10	< 10	< 10
CIS-1,2-DICHLOROETHENE	< 2.5	< 2.5	< 2.5
CIS-1,3-DICHLOROPROPENE	< 5	< 5	< 5
CYCLOHEXANE			
DIBROMOCHLOROMETHANE	< 5	< 5	< 5
DICHLORODIFLUOROMETHANE			
ETHYLBENZENE	< 5	< 5	< 5
HEXACHLOROBUTADIENE	< 10	< 10	< 10
ISOPROPYLBENZENE			
METHYL ACETATE			
METHYL TERT-BUTYL ETHER			
METHYLCYCLOHEXANE			
METHYLENE CHLORIDE	< 5	< 5	< 5
NAPHTHALENE	< 10	< 10	< 10
N-HEXANE	< 5	< 5	< 5
STYRENE	< 5	< 5	< 5
TETRACHLOROETHENE	< 5	11	< 5
TOLUENE	< 5	< 5	< 5
TRANS-1,2-DICHLOROETHENE	< 2.5	< 2.5	< 2.5
TRANS-1,2-DICHLOROETHYLENE			
TRANS-1,3-DICHLOROPROPENE	< 5	< 5	< 5
TRICHLOROETHENE	< 5	< 5	< 5
TRICHLOROFLUOROMETHANE			
VINYL CHLORIDE	< 10	< 10	< 10
XYLENES (TOTAL)	< 5	< 5	< 5

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

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Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 30: Soil SVOC/PAH Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-017 / 04-06 1998-12-14 Soil SW8310 µg/kg	GP01-017 / 08-10 CONF 2004-01-29 Soil SW8310 µg/kg	GP01-017 / 08-10 1998-12-14 Soil SW8310 µg/kg	GP01-018 / 04-06 1998-12-14 Soil SW8310 µg/kg	GP01-018 / 08-10 1998-12-14 Soil SW8310 µg/kg	GP01-019 / 04-06 CONF 2004-01-29 Soil SW8310 µg/kg	GP01-019 / 04-06 1998-12-14 Soil SW8310 µg/kg	GP01-019 / 10-12 CONF 2004-01-29 Soil SW8310 µg/kg	GP01-019 / 10-12 1998-12-14 Soil SW8310 µg/kg
1,1'-BIPHENYL									
1,2,4-TRICHLOROBENZENE									
1,2-DICHLOROBENZENE									
1,3-DICHLOROBENZENE									
1,4-DICHLOROBENZENE									
1-METHYLNAPHTHALENE	< 100 uj		< 100 uj	< 100 uj	< 100 uj		< 100 uj		< 100 uj
2,2'-OXYBIS(1-CHLOROPROPANE)									
2,4,5-TRICHLOROPHENOL									
2,4,6-TRICHLOROPHENOL									
2,4-DICHLOROPHENOL									
2,4-DIMETHYLPHENOL									
2,4-DINITROPHENOL									
2,4-DINITROTOLUENE									
2,6-DINITROTOLUENE									
2-CHLORONAPHTHALENE									
2-CHLOROPHENOL									
2-METHYLNAPHTHALENE	< 100 uj		< 100 uj	< 100 uj	< 100 uj		< 100 uj		< 100 uj
2-METHYLPHENOL									
2-NITROANILINE									
2-NITROPHENOL									
3,3'-DICHLOROBENZIDINE									
3-NITROANILINE									
4,6-DINITRO-2-METHYLPHENOL									
4-BROMOPHENYL PHENYL ETHER									
4-CHLORO-3-METHYLPHENOL									
4-CHLOROANILINE									
4-CHLOROPHENYL PHENYL ETHER									
4-METHYLPHENOL									
4-NITROANILINE									
4-NITROPHENOL									
ACENAPHTHENE	< 100 uj	< 97	< 100 uj	< 100 uj	< 100 uj	< 21	< 100 uj	< 40	< 100 uj
ACENAPHTHYLENE	< 100 uj	< 97	< 100 uj	< 100 uj	< 100 uj	< 21	< 100 uj	< 40	680 j
ACETOPHENONE									
ANTHRACENE	< 100 uj	< 19	< 100 uj	< 100 uj	< 100 uj	< 4.1	< 100 uj	< 7.7	< 100 uj
ATRAZINE									
BENZALDEHYDE									
BENZO(A)ANTHRACENE	< 5 uj	< 19	< 5 uj	< 5 uj	< 5 uj	< 4.1	< 5 uj	< 7.7	< 5 uj
BENZO(A)PYRENE	< 5 uj	< 19	< 5 uj	< 5 uj	< 5 uj	< 4.1	< 5 uj	< 7.7	< 5 uj
BENZO(B)FLUORANTHENE	< 5 uj	< 19	< 5 uj	< 5 uj	< 5 uj	< 4.1	< 5 uj	7.9 PG j	< 5 uj
BENZO(GHI)PERYLENE	< 10 uj	< 19	< 10 uj	< 10 uj	< 10 uj	< 4.1	< 10 uj	19	< 10 uj
BENZO(K)FLUORANTHENE	3.4 j	< 19	< 1.7 uj	< 1.7 uj	< 1.7 uj	< 4.1	< 1.7 uj	< 7.7	< 1.7 uj
BIS(2-CHLOROETHOXY)METHANE									
BIS(2-CHLOROETHYL) ETHER									
BIS(2-ETHYLHEXYL) PHTHALATE									
BUTYL BENZYL PHTHALATE									
CAPROLACTAM									
CARBAZOLE									
CHRYSENE	< 5 uj	< 19	< 5 uj	< 5 uj	< 5 uj	< 4.1	< 5 uj	2.2 J	< 5 uj
DIBENZ(A,H)ANTHRACENE	6.2 PF j	< 19	< 5 uj	< 5 uj	< 5 uj	< 4.1	< 5 uj	< 7.7	< 5 uj
DIBENZOFURAN									
DIETHYL PHTHALATE									
DIMETHYL PHTHALATE									
DI-N-BUTYL PHTHALATE									
DI-N-OCTYL PHTHALATE									
FLUORANTHENE	< 10 uj	20 PG j	< 10 uj	< 10 uj	< 10 uj	< 4.1	< 10 uj	8.2 PG j	< 10 uj
FLUORENE	< 100 uj	< 19	< 100 uj	< 100 uj	< 100 uj	< 4.1	< 100 uj	< 7.7	< 100 uj
HEXACHLOROBENZENE									
HEXACHLOROBUTADIENE									
HEXACHLOROCYCLOPENTADIENE									
HEXACHLOROETHANE									
INDENO(1,2,3-CD)PYRENE	< 5 uj	< 19	< 5 uj	< 5 uj	< 5 uj	< 4.1	< 5 uj	< 7.7	< 5 uj
ISOPHORONE									
NAPHTHALENE	< 100 uj	< 97	< 100 uj	< 100 uj	< 100 uj	< 21	< 100 uj	< 40	< 100 uj
NITROBENZENE									
N-NITROSODI-N-PROPYLAMINE									
N-NITROSODIPHENYLAMINE									
PENTACHLOROPHENOL									
PHENANTHRENE	< 100 uj	9.2 J	< 100 uj	< 100 uj	< 100 uj	< 4.1	< 100 uj	2.5 J	< 100 uj
PHENOL									
PYRENE	< 5 uj	< 19	< 5 uj	< 5 uj	< 5 uj	< 4.1	< 5 uj	< 7.7	< 5 uj

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 30: Soil SVOC/PAH Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-020 / 04-06 1998-12-14 Soil SW8310 µg/kg	GP01-020 / 08-10 CONF 2004-02-02 Soil SW8310 µg/kg	GP01-020 / 08-10 1998-12-14 Soil SW8310 µg/kg	GP01-021 / 04-06 1998-12-15 Soil SW8310 µg/kg	GP01-021 / 08-10 1998-12-15 Soil SW8310 µg/kg	GP01-022 / 04-06 1998-12-15 Soil SW8310 µg/kg	GP01-022 / 08-10 1998-12-15 Soil SW8310 µg/kg	GP01-023 / 06-08 1998-12-15 Soil SW8310 µg/kg	GP01-023 / 08-10 1998-12-15 Soil SW8310 µg/kg
1,1'-BIPHENYL									
1,2,4-TRICHLOROBENZENE									
1,2-DICHLOROBENZENE									
1,3-DICHLOROBENZENE									
1,4-DICHLOROBENZENE									
1-METHYLNAPHTHALENE	< 100 uj		< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj
2,2'-OXYBIS(1-CHLOROPROPANE)									
2,4,5-TRICHLOROPHENOL									
2,4,6-TRICHLOROPHENOL									
2,4-DICHLOROPHENOL									
2,4-DIMETHYLPHENOL									
2,4-DINITROPHENOL									
2,4-DINITROTOLUENE									
2,6-DINITROTOLUENE									
2-CHLORONAPHTHALENE									
2-CHLOROPHENOL									
2-METHYLNAPHTHALENE	< 100 uj		< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj
2-METHYLPHENOL									
2-NITROANILINE									
2-NITROPHENOL									
3,3'-DICHLOROBENZIDINE									
3-NITROANILINE									
4,6-DINITRO-2-METHYLPHENOL									
4-BROMOPHENYL PHENYL ETHER									
4-CHLORO-3-METHYLPHENOL									
4-CHLOROANILINE									
4-CHLOROPHENYL PHENYL ETHER									
4-METHYLPHENOL									
4-NITROANILINE									
4-NITROPHENOL									
ACENAPHTHENE	< 100 uj	< 19	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj
ACENAPHTHYLENE	< 100 uj	< 19	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj
ACETOPHENONE									
ANTHRACENE	< 100 uj	< 3.7	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj
ATRAZINE									
BENZALDEHYDE									
BENZO(A)ANTHRACENE	17 j	< 3.7	< 5 uj	9.4 j	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj
BENZO(A)PYRENE	12 PF j	< 3.7	< 5 uj	8.4 PF j	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj
BENZO(B)FLUORANTHENE	21 PF j	1.8 J	< 5 uj	14 j	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj
BENZO(GHI)PERYLENE	< 10 uj	7.8	< 10 uj	< 10 uj	< 10 uj	< 10 uj	< 10 uj	< 10 uj	< 10 uj
BENZO(K)FLUORANTHENE	7.2 j	< 3.7	< 1.7 uj	4.5 PF j	< 1.7 uj	< 1.7 uj	< 1.7 uj	< 1.7 uj	< 1.7 uj
BIS(2-CHLOROETHOXY)METHANE									
BIS(2-CHLOROETHYL) ETHER									
BIS(2-ETHYLHEXYL) PHTHALATE									
BUTYL BENZYL PHTHALATE									
CAPROLACTAM									
CARBAZOLE									
CHRYSENE	9.8 j	< 3.7	< 5 uj	5.7 PF j	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj
DIBENZ(A,H)ANTHRACENE	< 5 uj	< 3.7	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj
DIBENZOFURAN									
DIETHYL PHTHALATE									
DIMETHYL PHTHALATE									
DI-N-BUTYL PHTHALATE									
DI-N-OCTYL PHTHALATE									
FLUORANTHENE	76 j	1.5 J	< 10 uj	47 j	< 10 uj	< 10 uj	< 10 uj	< 10 uj	< 10 uj
FLUORENE	< 100 uj	< 3.7	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj
HEXACHLOROBENZENE									
HEXACHLOROBUTADIENE									
HEXACHLOROCYCLOPENTADIENE									
HEXACHLOROETHANE									
INDENO(1,2,3-CD)PYRENE	18 PF j	< 3.7	< 5 uj	5.6 j	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj
ISOPHORONE									
NAPHTHALENE	< 100 uj	< 19	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj
NITROBENZENE									
N-NITROSODI-N-PROPYLAMINE									
N-NITROSODIPHENYLAMINE									
PENTACHLOROPHENOL									
PHENANTHRENE	< 100 uj	< 3.7	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj
PHENOL									
PYRENE	160 j	< 3.7	< 5 uj	83 j	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 30: Soil SVOC/PAH Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-024 / 04-06 1998-12-15 Soil SW8310 µg/kg	GP01-024 / 08-10 1998-12-15 Soil SW8310 µg/kg	GP01-025 / 04-06 1998-12-16 Soil SW8310 µg/kg	GP01-025 / 08-10 1998-12-16 Soil SW8310 µg/kg	GP01-026 / 04-06 1998-12-16 Soil SW8310 µg/kg	GP01-026 / 08-10 1998-12-16 Soil SW8310 µg/kg	GP01-027 / 04-06 1998-12-16 Soil SW8310 µg/kg	GP01-027 / 08-10 1998-12-16 Soil SW8310 µg/kg	GP01-030 / 01-02 CONF 2004-02-02 Soil SW8310 µg/kg
1,1'-BIPHENYL									
1,2,4-TRICHLOROBENZENE									
1,2-DICHLOROBENZENE									
1,3-DICHLOROBENZENE									
1,4-DICHLOROBENZENE									
1-METHYLNAPHTHALENE	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	
2,2'-OXYBIS(1-CHLOROPROPANE)									
2,4,5-TRICHLOROPHENOL									
2,4,6-TRICHLOROPHENOL									
2,4-DICHLOROPHENOL									
2,4-DIMETHYLPHENOL									
2,4-DINITROPHENOL									
2,4-DINITROTOLUENE									
2,6-DINITROTOLUENE									
2-CHLORONAPHTHALENE									
2-CHLOROPHENOL									
2-METHYLNAPHTHALENE	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	
2-METHYLPHENOL									
2-NITROANILINE									
2-NITROPHENOL									
3,3'-DICHLOROBENZIDINE									
3-NITROANILINE									
4,6-DINITRO-2-METHYLPHENOL									
4-BROMOPHENYL PHENYL ETHER									
4-CHLORO-3-METHYLPHENOL									
4-CHLOROANILINE									
4-CHLOROPHENYL PHENYL ETHER									
4-METHYLPHENOL									
4-NITROANILINE									
4-NITROPHENOL									
ACENAPHTHENE	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 110
ACENAPHTHYLENE	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	38 J
ACETOPHENONE									
ANTHRACENE	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 21
ATRAZINE									
BENZALDEHYDE									
BENZO(A)ANTHRACENE	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	52
BENZO(A)PYRENE	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	64
BENZO(B)FLUORANTHENE	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	88
BENZO(GHI)PERYLENE	< 10 uj	< 10 uj	< 10 uj	< 10 uj	< 10 uj	< 10 uj	< 10 uj	< 10 uj	63
BENZO(K)FLUORANTHENE	< 1.7 uj	< 1.7 uj	< 1.7 uj	< 1.7 uj	< 1.7 uj	< 1.7 uj	< 1.7 uj	< 1.7 uj	39
BIS(2-CHLOROETHOXY)METHANE									
BIS(2-CHLOROETHYL) ETHER									
BIS(2-ETHYLHEXYL) PHTHALATE									
BUTYL BENZYL PHTHALATE									
CAPROLACTAM									
CARBAZOLE									
CHRYSENE	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	68
DIBENZ(A,H)ANTHRACENE	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	38 PG j
DIBENZOFURAN									
DIETHYL PHTHALATE									
DIMETHYL PHTHALATE									
DI-N-BUTYL PHTHALATE									
DI-N-OCTYL PHTHALATE									
FLUORANTHENE	< 10 uj	< 10 uj	< 10 uj	< 10 uj	< 10 uj	< 10 uj	< 10 uj	< 10 uj	140 PG j
FLUORENE	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 21
HEXACHLOROBENZENE									
HEXACHLOROBUTADIENE									
HEXACHLOROCYCLOPENTADIENE									
HEXACHLOROETHANE									
INDENO(1,2,3-CD)PYRENE	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	82
ISOPHORONE									
NAPHTHALENE	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	190 PG j
NITROBENZENE									
N-NITROSODI-N-PROPYLAMINE									
N-NITROSODIPHENYLAMINE									
PENTACHLOROPHENOL									
PHENANTHRENE	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	< 100 uj	58
PHENOL									
PYRENE	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	< 5 uj	120

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 30: Soil SVOC/PAH Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-030 / 01-02 1998-12-16 Soil SW8310 µg/kg	GP01-030 / 06-08 CONF 2004-02-02 Soil SW8310 µg/kg	GP01-030 / 06-08 1998-12-16 Soil SW8310 µg/kg	GP01-034 / 00-02 1998-12-18 Soil SW8310 µg/kg	GP01-034 / 06-08 1998-12-18 Soil SW8310 µg/kg	GP01-039 / 02-04 1998-12-17 Soil SW8310 µg/kg	GP01-039 / 06-08 1998-12-17 Soil SW8310 µg/kg	GP01-039 / 10-12 1998-12-17 Soil SW8310 µg/kg	GP01-040 / 02-04 1998-12-17 Soil SW8310 µg/kg
1,1'-BIPHENYL									
1,2,4-TRICHLOROBENZENE									
1,2-DICHLOROBENZENE									
1,3-DICHLOROBENZENE									
1,4-DICHLOROBENZENE									
1-METHYLNAPHTHALENE	< 100 uj		< 100 uj	< 100	< 100	< 100	< 100	< 100	< 100
2,2'-OXYBIS(1-CHLOROPROPANE)									
2,4,5-TRICHLOROPHENOL									
2,4,6-TRICHLOROPHENOL									
2,4-DICHLOROPHENOL									
2,4-DIMETHYLPHENOL									
2,4-DINITROPHENOL									
2,4-DINITROTOLUENE									
2,6-DINITROTOLUENE									
2-CHLORONAPHTHALENE									
2-CHLOROPHENOL									
2-METHYLNAPHTHALENE	< 100 uj		< 100 uj	< 100	< 100	< 100	< 100	< 100	< 100
2-METHYLPHENOL									
2-NITROANILINE									
2-NITROPHENOL									
3,3'-DICHLOROBENZIDINE									
3-NITROANILINE									
4,6-DINITRO-2-METHYLPHENOL									
4-BROMOPHENYL PHENYL ETHER									
4-CHLORO-3-METHYLPHENOL									
4-CHLOROANILINE									
4-CHLOROPHENYL PHENYL ETHER									
4-METHYLPHENOL									
4-NITROANILINE									
4-NITROPHENOL									
ACENAPHTHENE	< 100 uj	< 22	< 100 uj	< 100	< 100	< 100	< 100	< 100	< 100
ACENAPHTHYLENE	120 j	< 22	< 100 uj	< 100	< 100	< 100	< 100	< 100	< 100
ACETOPHENONE									
ANTHRACENE	< 100 uj	< 4.2	< 100 uj	< 100	< 100	< 100	< 100	< 100	< 100
ATRAZINE									
BENZALDEHYDE									
BENZO(A)ANTHRACENE	8.9 j	< 4.2	< 5 uj	8.6	< 5	< 5	< 5	< 5	< 5
BENZO(A)PYRENE	12 j	< 4.2	< 5 uj	8.2	< 5	< 5	< 5	< 5	< 5
BENZO(B)FLUORANTHENE	16 j	< 4.2	< 5 uj	17	< 5	< 5	< 5	< 5	< 5
BENZO(GHI)PERYLENE	11 j	< 4.2	< 10 uj	< 10	< 10	< 10	< 10	< 10	< 10
BENZO(K)FLUORANTHENE	6.5 j	< 4.2	< 1.7 uj	7.8	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
BIS(2-CHLOROETHOXY)METHANE									
BIS(2-CHLOROETHYL) ETHER									
BIS(2-ETHYLHEXYL) PHTHALATE									
BUTYL BENZYL PHTHALATE									
CAPROLACTAM									
CARBAZOLE									
CHRYSENE	10 j	< 4.2	< 5 uj	11	< 5	< 5	< 5	< 5	< 5
DIBENZ(A,H)ANTHRACENE	10 j	< 4.2	< 5 uj	< 5	< 5	< 5	< 5	< 5	< 5
DIBENZOFURAN									
DIETHYL PHTHALATE									
DIMETHYL PHTHALATE									
DI-N-BUTYL PHTHALATE									
DI-N-OCTYL PHTHALATE									
FLUORANTHENE	35 j	1.5 J	< 10 uj	23	< 10	< 10	< 10	< 10	< 10
FLUORENE	< 100 uj	< 4.2	< 100 uj	< 100	< 100	< 100	< 100	< 100	< 100
HEXACHLOROBENZENE									
HEXACHLOROBUTADIENE									
HEXACHLOROCYCLOPENTADIENE									
HEXACHLOROETHANE									
INDENO(1,2,3-CD)PYRENE	17 j	< 4.2	< 5 uj	16	< 5	< 5	< 5	< 5	< 5
ISOPHORONE									
NAPHTHALENE	< 100 uj	< 22	< 100 uj	< 100	< 100	< 100	< 100	< 100	< 100
NITROBENZENE									
N-NITROSODI-N-PROPYLAMINE									
N-NITROSODIPHENYLAMINE									
PENTACHLOROPHENOL									
PHENANTHRENE	< 100 uj	< 4.2	< 100 uj	< 100	< 100	< 100	< 100	< 100	< 100
PHENOL									
PYRENE	37 j	< 4.2	< 5 uj	29	< 5	< 5	< 5	< 5	< 5

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
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bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.
Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 30: Soil SVOC/PAH Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-040 / 06-08 1998-12-17 Soil SW8310 µg/kg	GP01-040 / 10-12 1998-12-17 Soil SW8310 µg/kg	GP01-041 / 00-02 1999-04-14 Soil SW8270C µg/kg	GP01-041 / 00-02 1999-04-14 Soil SW8310 µg/kg	GP01-041 / 02-04 1999-04-14 Soil SW8310 µg/kg	GP01-042 / 00-02 1999-04-14 Soil SW8310 µg/kg	GP01-042 / 02-04 1999-04-14 Soil SW8270C µg/kg	GP01-042 / 02-04 1999-04-14 Soil SW8310 µg/kg	GP01-043 / 00-02 1999-04-14 Soil SW8310 µg/kg
1,1'-BIPHENYL									
1,2,4-TRICHLOROBENZENE			< 1300				< 330		
1,2-DICHLOROBENZENE			< 1300				< 330		
1,3-DICHLOROBENZENE			< 1300				< 330		
1,4-DICHLOROBENZENE			< 1300				< 330		
1-METHYLNAPHTHALENE	< 100	< 100		< 10000	< 1000	< 10000		< 10000	< 10000
2,2'-OXYBIS(1-CHLOROPROPANE)			< 1300				< 330		
2,4,5-TRICHLOROPHENOL			< 1300				< 330		
2,4,6-TRICHLOROPHENOL			< 1300				< 330		
2,4-DICHLOROPHENOL			< 1300				< 330		
2,4-DIMETHYLPHENOL			< 1300				< 330		
2,4-DINITROPHENOL			< 6400				< 1600		
2,4-DINITROTOLUENE			< 1300				< 330		
2,6-DINITROTOLUENE			< 1300				< 330		
2-CHLORONAPHTHALENE			< 1300				< 330		
2-CHLOROPHENOL			< 1300				< 330		
2-METHYLNAPHTHALENE	< 100	< 100	< 1300	< 10000	< 1000	< 10000	< 330	< 10000	< 10000
2-METHYLPHENOL			< 1300				< 330		
2-NITROANILINE			< 6400				< 1600		
2-NITROPHENOL			< 1300				< 330		
3,3'-DICHLOROBENZIDINE			< 6400				< 1600		
3-NITROANILINE			< 6400				< 1600		
4,6-DINITRO-2-METHYLPHENOL			< 6400				< 1600		
4-BROMOPHENYL PHENYL ETHER			< 1300				< 330		
4-CHLORO-3-METHYLPHENOL			< 1300				< 330		
4-CHLOROANILINE			< 1300				< 330		
4-CHLOROPHENYL PHENYL ETHER			< 1300				< 330		
4-METHYLPHENOL			< 1300				< 330		
4-NITROANILINE			< 6400				< 1600		
4-NITROPHENOL			< 6400				< 1600		
ACENAPHTHENE	< 100	< 100	< 1300	< 10000	< 1000	< 10000	< 330	< 10000	< 10000
ACENAPHTHYLENE	< 100	< 100	< 1300	< 10000	< 1000	< 10000	< 330	< 10000	< 10000
ACETOPHENONE									
ANTHRACENE	< 100	< 100	< 1300	< 10000	< 1000	< 10000	< 330	< 10000	< 10000
ATRAZINE									
BENZALDEHYDE									
BENZO(A)ANTHRACENE	< 5	< 5	2400	3300 j	180 j	4600 j	420	2100 j	< 500
BENZO(A)PYRENE	< 5	< 5	2600	4400 j	190 j	4500 j	490	2400 j	< 500
BENZO(B)FLUORANTHENE	< 5	< 5	3400	3400 j	240 j	4800 j	680	2600 j	< 500
BENZO(GHI)PERYLENE	< 10	< 10	1600	1100 j	100 j	1200 PF j	< 330	1100 j	< 1000
BENZO(K)FLUORANTHENE	< 1.7	< 1.7	1400	1800 j	110 j	1700 j	< 330	1200 j	230 PF j
BIS(2-CHLOROETHOXY)METHANE			< 1300				< 330		
BIS(2-CHLOROETHYL) ETHER			< 1300				< 330		
BIS(2-ETHYLHEXYL) PHTHALATE			< 1300				< 330		
BUTYL BENZYL PHTHALATE			< 1300				< 330		
CAPROLACTAM									
CARBAZOLE			< 1300				< 330		
CHRYSENE	< 5	< 5	3100	3400 j	200 j	3600 j	560	2200 j	< 500
DIBENZ(A,H)ANTHRACENE	< 5	< 5	< 1300	< 500	< 50	1600 j	< 330	810 j	< 500
DIBENZOFURAN			< 1300				< 330		
DIETHYL PHTHALATE			< 1300				< 330		
DIMETHYL PHTHALATE			< 1300				< 330		
DI-N-BUTYL PHTHALATE			< 1300				< 330		
DI-N-OCTYL PHTHALATE			< 1300				< 330		
FLUORANTHENE	< 10	< 10	6200	11000 j	710 j	13000 j	1100	8700 j	1400 j
FLUORENE	< 100	< 100	< 1300	< 10000	< 1000	< 10000	< 330	< 10000	< 10000
HEXACHLOROBENZENE			< 1300				< 330		
HEXACHLOROBUTADIENE			< 1300				< 330		
HEXACHLOROCYCLOPENTADIENE			< 6400				< 1600		
HEXACHLOROETHANE			< 1300				< 330		
INDENO(1,2,3-CD)PYRENE	< 5	< 5	1600	2400 j	150 PF j	2800 j	330	1500 PF j	< 500
ISOPHORONE			< 1300				< 330		
NAPHTHALENE	< 100	< 100	< 1300	< 10000	< 1000	< 10000	< 330	< 10000	< 10000
NITROBENZENE			< 1300				< 330		
N-NITROSODI-N-PROPYLAMINE			< 1300				< 330		
N-NITROSODIPHENYLAMINE			< 1300				< 330		
PENTACHLOROPHENOL			< 1300				< 330		
PHENANTHRENE	< 100	< 100	3100	< 10000	< 1000	< 10000	510	< 10000	< 10000
PHENOL			< 1300				< 330		
PYRENE	< 5	< 5	4600	12000 j	760 j	18000 j	710	6700 j	980 j

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
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bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 30: Soil SVOC/PAH Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-043 / 02-04 1999-04-14 Soil SW8270C µg/kg	GP01-043 / 02-04 1999-04-14 Soil SW8310 µg/kg	GP01-044 / 00-02 1999-04-14 Soil SW8310 µg/kg	GP01-044 / 02-04 1999-04-14 Soil SW8270C µg/kg	GP01-044 / 02-04 1999-04-14 Soil SW8310 µg/kg	GP01-045 / 00-02 1999-04-14 Soil SW8270C µg/kg	GP01-045 / 00-02 1999-04-14 Soil SW8310 µg/kg	GP01-045 / 02-04 1999-04-14 Soil SW8310 µg/kg	GP01-046 / 00-02 1999-04-14 Soil SW8270C µg/kg
1,1'-BIPHENYL									
1,2,4-TRICHLOROBENZENE	< 330			< 330		< 330			< 330
1,2-DICHLOROBENZENE	< 330			< 330		< 330			< 330
1,3-DICHLOROBENZENE	< 330			< 330		< 330			< 330
1,4-DICHLOROBENZENE	< 330			< 330		< 330			< 330
1-METHYLNAPHTHALENE		< 100	< 10000		< 10000		< 200	< 100	
2,2'-OXYBIS(1-CHLOROPROPANE)	< 330			< 330		< 330			< 330
2,4,5-TRICHLOROPHENOL	< 330			< 330		< 330			< 330
2,4,6-TRICHLOROPHENOL	< 330			< 330		< 330			< 330
2,4-DICHLOROPHENOL	< 330			< 330		< 330			< 330
2,4-DIMETHYLPHENOL	< 330			< 330		< 330			< 330
2,4-DINITROPHENOL	< 1600			< 1600		< 1600			< 1600
2,4-DINITROTOLUENE	< 330			< 330		< 330			< 330
2,6-DINITROTOLUENE	< 330			< 330		< 330			< 330
2-CHLORONAPHTHALENE	< 330			< 330		< 330			< 330
2-CHLOROPHENOL	< 330			< 330		< 330			< 330
2-METHYLNAPHTHALENE	< 330	< 100	< 10000	< 330	< 10000	< 330	< 200	< 100	< 330
2-METHYLPHENOL	< 330			< 330		< 330			< 330
2-NITROANILINE	< 1600			< 1600		< 1600			< 1600
2-NITROPHENOL	< 330			< 330		< 330			< 330
3,3'-DICHLOROBENZIDINE	< 1600			< 1600		< 1600			< 1600
3-NITROANILINE	< 1600			< 1600		< 1600			< 1600
4,6-DINITRO-2-METHYLPHENOL	< 1600			< 1600		< 1600			< 1600
4-BROMOPHENYL PHENYL ETHER	< 330			< 330		< 330			< 330
4-CHLORO-3-METHYLPHENOL	< 330			< 330		< 330			< 330
4-CHLOROANILINE	< 330			< 330		< 330			< 330
4-CHLOROPHENYL PHENYL ETHER	< 330			< 330		< 330			< 330
4-METHYLPHENOL	< 330			< 330		< 330			< 330
4-NITROANILINE	< 1600			< 1600		< 1600			< 1600
4-NITROPHENOL	< 1600			< 1600		< 1600			< 1600
ACENAPHTHENE	< 330	< 100	< 10000	< 330	< 10000	< 330	< 200	< 100	< 330
ACENAPHTHYLENE	< 330	< 100	< 10000	< 330	< 10000	< 330	< 200	< 100	< 330
ACETOPHENONE									
ANTHRACENE	< 330	< 100	< 10000	< 330	< 10000	< 330	< 200	< 100	< 330
ATRAZINE									
BENZALDEHYDE									
BENZO(A)ANTHRACENE	< 330	42	810 j	750	880 j	< 330	39	13	< 330
BENZO(A)PYRENE	340	54	630 j	980	770 j	< 330	36	11	340
BENZO(B)FLUORANTHENE	470	66	1000 j	1300	1100 j	< 330	68	22	400
BENZO(GHI)PERYLENE	< 330	20	< 1000	640	< 1000	< 330	31	12	< 330
BENZO(K)FLUORANTHENE	< 330	30	430 j	400	510 j	< 330	29	9.1	< 330
BIS(2-CHLOROETHOXY)METHANE	< 330			< 330		< 330			< 330
BIS(2-CHLOROETHYL) ETHER	< 330			< 330		< 330			< 330
BIS(2-ETHYLHEXYL) PHTHALATE	< 330			< 330		< 330			< 330
BUTYL BENZYL PHTHALATE	< 330			< 330		< 330			< 330
CAPROLACTAM									
CARBAZOLE	< 330			< 330		< 330			< 330
CHRYSENE	370	40 PF	680 j	920	970 j	< 330	39	14	350
DIBENZ(A,H)ANTHRACENE	< 330	17 PF	< 500	< 330	850 PF j	< 330	11 PF	< 5	< 330
DIBENZOFURAN	< 330			< 330		< 330			< 330
DIETHYL PHTHALATE	< 330			< 330		< 330			< 330
DIMETHYL PHTHALATE	< 330			< 330		< 330			< 330
DI-N-BUTYL PHTHALATE	< 330			< 330		< 330			< 330
DI-N-OCTYL PHTHALATE	< 330			< 330		< 330			< 330
FLUORANTHENE	640	< 10	< 1000	1700	2500 j	< 330	110	38	600
FLUORENE	< 330	< 100	< 10000	< 330	< 10000	< 330	< 200	< 100	< 330
HEXACHLOROBENZENE	< 330			< 330		< 330			< 330
HEXACHLOROBUTADIENE	< 330			< 330		< 330			< 330
HEXACHLOROCYCLOPENTADIENE	< 1600			< 1600		< 1600			< 1600
HEXACHLOROETHANE	< 330			< 330		< 330			< 330
INDENO(1,2,3-CD)PYRENE	< 330	50	510 PF j	670	770 PF j	< 330	37 PF	17	< 330
ISOPHORONE	< 330			< 330		< 330			< 330
NAPHTHALENE	< 330	< 100	< 10000	< 330	< 10000	< 330	< 200	< 100	< 330
NITROBENZENE	< 330			< 330		< 330			< 330
N-NITROSODI-N-PROPYLAMINE	< 330			< 330		< 330			< 330
N-NITROSODIPHENYLAMINE	< 330			< 330		< 330			< 330
PENTACHLOROPHENOL	< 330			< 330		< 330			< 330
PHENANTHRENE	< 330	< 100	< 10000	770	< 10000	< 330	< 200	< 100	< 330
PHENOL	< 330			< 330		< 330			< 330
PYRENE	440	150	2200 j	1200	2800 j	< 330	92	43	440

See Table 9 for definitions of data qualifiers
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bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 30: Soil SVOC/PAH Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-046 / 00-02 1999-04-14 Soil SW8310 µg/kg	GP01-046 / 02-04 1999-04-14 Soil SW8310 µg/kg	GP01-047 / 00-02 1999-04-14 Soil SW8310 µg/kg	GP01-047 / 02-04 1999-04-14 Soil SW8270C µg/kg	GP01-047 / 02-04 1999-04-14 Soil SW8310 µg/kg	GP01-048 / 00-02 1999-04-12 Soil SW8310 µg/kg	GP01-048 / 04-06 1999-04-12 Soil SW8310 µg/kg	GP01-049 / 00-02 1999-04-12 Soil SW8310 µg/kg	GP01-049 / 04-06 1999-04-12 Soil SW8310 µg/kg
1,1'-BIPHENYL									
1,2,4-TRICHLOROBENZENE				< 820					
1,2-DICHLOROBENZENE				< 820					
1,3-DICHLOROBENZENE				< 820					
1,4-DICHLOROBENZENE				< 820					
1-METHYLNAPHTHALENE	< 10000	< 10000	< 10000		< 10000	< 100	< 100	< 100	< 100
2,2'-OXYBIS(1-CHLOROPROPANE)				< 820					
2,4,5-TRICHLOROPHENOL				< 820					
2,4,6-TRICHLOROPHENOL				< 820					
2,4-DICHLOROPHENOL				< 820					
2,4-DIMETHYLPHENOL				< 820					
2,4-DINITROPHENOL				< 4000					
2,4-DINITROTOLUENE				< 820					
2,6-DINITROTOLUENE				< 820					
2-CHLORONAPHTHALENE				< 820					
2-CHLOROPHENOL				< 820					
2-METHYLNAPHTHALENE	< 10000	< 10000	< 10000	< 820	< 10000	< 100	< 100	< 100	< 100
2-METHYLPHENOL				< 820					
2-NITROANILINE				< 4000					
2-NITROPHENOL				< 820					
3,3'-DICHLOROBENZIDINE				< 4000					
3-NITROANILINE				< 4000					
4,6-DINITRO-2-METHYLPHENOL				< 4000					
4-BROMOPHENYL PHENYL ETHER				< 820					
4-CHLORO-3-METHYLPHENOL				< 820					
4-CHLOROANILINE				< 820					
4-CHLOROPHENYL PHENYL ETHER				< 820					
4-METHYLPHENOL				< 820					
4-NITROANILINE				< 4000					
4-NITROPHENOL				< 4000					
ACENAPHTHENE	< 10000	< 10000	< 10000	< 820	< 10000	< 100	< 100	< 100	< 100
ACENAPHTHYLENE	< 10000	< 10000	< 10000	< 820	< 10000	< 100	< 100	< 100	< 100
ACETOPHENONE									
ANTHRACENE	< 10000	< 10000	< 10000	< 820	< 10000	< 100	< 100	< 100	< 100
ATRAZINE									
BENZALDEHYDE									
BENZO(A)ANTHRACENE	1200 j	570 j	600 j	2600	2900 j	< 5	< 5	< 5	< 5
BENZO(A)PYRENE	1100 j	< 500	< 500	2900	3300 j	< 5	< 5	< 5	< 5
BENZO(B)FLUORANTHENE	1600 j	650 j	710 j	3700	3900 j	< 5	< 5	< 5	< 5
BENZO(GHI)PERYLENE	< 1000	< 1000	< 1000	1800	1100 j	< 10	< 10	< 10	< 10
BENZO(K)FLUORANTHENE	600 j	260 j	310 j	1200	1700 j	< 1.7	< 1.7	< 1.7	< 1.7
BIS(2-CHLOROETHOXY)METHANE				< 820					
BIS(2-CHLOROETHYL) ETHER				< 820					
BIS(2-ETHYLHEXYL) PHTHALATE				< 820					
BUTYL BENZYL PHTHALATE				< 820					
CAPROLACTAM									
CARBAZOLE				< 820					
CHRYSENE	1300 j	< 500	510 j	2900	2600 j	< 5	< 5	< 5	< 5
DIBENZ(A,H)ANTHRACENE	< 500	< 500	< 500	< 820	1300 j	< 5	< 5	< 5	< 5
DIBENZOFURAN				< 820					
DIETHYL PHTHALATE				< 820					
DIMETHYL PHTHALATE				< 820					
DI-N-BUTYL PHTHALATE				< 820					
DI-N-OCTYL PHTHALATE				< 820					
FLUORANTHENE	3700 j	1600 j	2000 j	6500	8000 j	< 10	< 10	< 10	14 PF
FLUORENE	< 10000	< 10000	< 10000	< 820	< 10000	< 100	< 100	< 100	< 100
HEXACHLOROBENZENE				< 820					
HEXACHLOROBUTADIENE				< 820					
HEXACHLOROCYCLOPENTADIENE				< 4000					
HEXACHLOROETHANE				< 820					
INDENO(1,2,3-CD)PYRENE	1200 j	< 500	520 j	1900	2400 PF j	< 5	< 5	< 5	< 5
ISOPHORONE				< 820					
NAPHTHALENE	< 10000	< 10000	< 10000	< 820	< 10000	< 100	< 100	< 100	< 100
NITROBENZENE				< 820					
N-NITROSODI-N-PROPYLAMINE				< 820					
N-NITROSODIPHENYLAMINE				< 820					
PENTACHLOROPHENOL				< 820					
PHENANTHRENE	< 10000	< 10000	< 10000	2800	< 10000	< 100	< 100	< 100	< 100
PHENOL				< 820					
PYRENE	4000 j	1700 j	1600 j	4200	7500 j	18	40	9.6	21

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 30: Soil SVOC/PAH Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-050 / 00-02 1999-04-12 Soil SW8310 µg/kg	GP01-050 / 04-06 1999-04-12 Soil SW8310 µg/kg	GP01-051 / 00-02 1999-04-12 Soil SW8310 µg/kg	GP01-051 / 04-06 1999-04-12 Soil SW8310 µg/kg	GP01-052 / 00-02 CONF 2004-02-02 Soil SW8270C µg/kg	GP01-052 / 00-02 1999-04-13 Soil SW8270C µg/kg	GP01-052 / 00-02 1999-04-13 Soil SW8310 µg/kg	GP01-052 / 04-06 CONF 2004-02-02 Soil SW8270C µg/kg	GP01-052 / 04-06 CONF 2004-02-02 Soil SW8310 µg/kg
1,1'-BIPHENYL					< 420			< 410	
1,2,4-TRICHLOROBENZENE						< 330			
1,2-DICHLOROBENZENE						< 330			
1,3-DICHLOROBENZENE						< 330			
1,4-DICHLOROBENZENE						< 330			
1-METHYLNAPHTHALENE	< 350	< 320	< 100	< 100			< 600		
2,2'-OXYBIS(1-CHLOROPROPANE)					< 420	< 330		< 410	
2,4,5-TRICHLOROPHENOL					< 420	< 330		< 410	
2,4,6-TRICHLOROPHENOL					< 420	< 330		< 410	
2,4-DICHLOROPHENOL					< 420	< 330		< 410	
2,4-DIMETHYLPHENOL					< 420	< 330		< 410	
2,4-DINITROPHENOL					< 2000	< 1600		< 2000	
2,4-DINITROTOLUENE					< 420	< 330		< 410	
2,6-DINITROTOLUENE					< 420	< 330		< 410	
2-CHLORONAPHTHALENE					< 420	< 330		< 410	
2-CHLOROPHENOL					< 420	< 330		< 410	
2-METHYLNAPHTHALENE	< 350	< 320	< 100	< 100	< 420	< 330	< 600	< 410	
2-METHYLPHENOL					< 420	< 330		< 410	
2-NITROANILINE					< 2000	< 1600		< 2000	
2-NITROPHENOL					< 420	< 330		< 410	
3,3'-DICHLOROBENZIDINE					< 2000	< 1600		< 2000	
3-NITROANILINE					< 2000	< 1600		< 2000	
4,6-DINITRO-2-METHYLPHENOL					< 2000	< 1600		< 2000	
4-BROMOPHENYL PHENYL ETHER					< 420	< 330		< 410	
4-CHLORO-3-METHYLPHENOL					< 420	< 330		< 410	
4-CHLOROANILINE					< 420	< 330		< 410	
4-CHLOROPHENYL PHENYL ETHER					< 420	< 330		< 410	
4-METHYLPHENOL					< 420	< 330		< 410	
4-NITROANILINE					< 2000	< 1600		< 2000	
4-NITROPHENOL					< 2000	< 1600		< 2000	
ACENAPHTHENE	< 350	< 320	< 100	< 100	< 420	< 330	< 600	< 410	< 21
ACENAPHTHYLENE	350 j	< 320	< 100	< 100	< 420	< 330	< 600	< 410	< 21
ACETOPHENONE					< 420			< 410	
ANTHRACENE	< 350	< 320	< 100	< 100	< 420	< 330	< 600	< 410	< 4.1
ATRAZINE					< 420			< 410	
BENZALDEHYDE					< 420			< 410	
BENZO(A)ANTHRACENE	20 PF j	21	< 5	< 5	< 420	< 330	340 j	< 410	< 4.1
BENZO(A)PYRENE	19 j	< 16	< 5	< 5	< 420	< 330	380 j	< 410	< 4.1
BENZO(B)FLUORANTHENE	60 PF j	< 16	< 5	< 5	< 420	< 330	720 j	< 410	5.4
BENZO(GHI)PERYLENE	35 PF U uj	< 32	< 10	< 10	< 420	< 330	270 PF j	< 410	< 4.1
BENZO(K)FLUORANTHENE	20 PF j	< 5.4	< 1.7	< 1.7	< 420	< 330	180 j	< 410	< 4.1
BIS(2-CHLOROETHOXY)METHANE					< 420	< 330		< 410	
BIS(2-CHLOROETHYL) ETHER					< 420	< 330		< 410	
BIS(2-ETHYLHEXYL) PHTHALATE					< 420	< 330		< 410	
BUTYL BENZYL PHTHALATE					< 420	< 330		< 410	
CAPROLACTAM					< 420			< 410	
CARBAZOLE					< 420	< 330		< 410	
CHRYSENE	< 18	< 16	< 5	< 5	< 420	< 330	460 j	< 410	0.75 J
DIBENZ(A,H)ANTHRACENE	< 18	< 16	< 5	< 5	< 420	< 330	210 PF j	< 410	< 4.1
DIBENZOFURAN					< 420	< 330		< 410	
DIETHYL PHTHALATE					< 420	< 330		< 410	
DIMETHYL PHTHALATE					< 420	< 330		< 410	
DI-N-BUTYL PHTHALATE					< 420	< 330		< 410	
DI-N-OCTYL PHTHALATE					< 420	< 330		< 410	
FLUORANTHENE	< 35	43 PF	11 PF	< 10	< 420	< 330	300 PF j	< 410	1.1 J
FLUORENE	< 350	< 320	< 100	< 100	< 420	< 330	< 600	< 410	< 4.1
HEXACHLOROBENZENE					< 420	< 330		< 410	
HEXACHLOROBUTADIENE					< 420	< 330		< 410	
HEXACHLOROCYCLOPENTADIENE					< 2000	< 1600		< 2000	
HEXACHLOROETHANE					< 420	< 330		< 410	
INDENO(1,2,3-CD)PYRENE	< 18	< 16	< 5	< 5	< 420	< 330	580 j	< 410	< 4.1
ISOPHORONE					< 420	< 330		< 410	
NAPHTHALENE	3200 PF j	< 320	< 100	< 100	< 420	< 330	< 600	< 410	4.5 J
NITROBENZENE					< 420	< 330		< 410	
N-NITROSODI-N-PROPYLAMINE					< 420	< 330		< 410	
N-NITROSODIPHENYLAMINE					< 420	< 330		< 410	
PENTACHLOROPHENOL					< 420	< 330		< 410	
PHENANTHRENE	< 350	< 320	< 100	< 100	< 420	< 330	< 600	< 410	< 4.1
PHENOL					< 420	< 330		< 410	
PYRENE	230 j	81	10	< 5	< 420	< 330	750 j	< 410	< 4.1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 30: Soil SVOC/PAH Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-052 / 04-06 1999-04-13 Soil SW8270C µg/kg	GP01-052 / 04-06 1999-04-13 Soil SW8310 µg/kg	GP01-053 / 00-02 1999-04-13 Soil SW8310 µg/kg	GP01-053 / 04-06 1999-04-13 Soil SW8310 µg/kg	GP01-054 / 00-02 1999-04-13 Soil SW8310 µg/kg	GP01-054 / 04-06 1999-04-13 Soil SW8310 µg/kg	GP01-055 / 00-02 CONF 2004-02-02 Soil SW8270C µg/kg	GP01-055 / 00-02 1999-04-13 Soil SW8270C µg/kg	GP01-055 / 00-02 1999-04-13 Soil SW8310 µg/kg
1,1'-BIPHENYL							< 360		
1,2,4-TRICHLOROBENZENE	< 330							< 330	
1,2-DICHLOROBENZENE	< 330							< 330	
1,3-DICHLOROBENZENE	< 330							< 330	
1,4-DICHLOROBENZENE	< 330							< 330	
1-METHYLNAPHTHALENE		< 100	< 100	< 100	< 110	< 100			< 2000
2,2'-OXYBIS(1-CHLOROPROPANE)	< 330						< 360	< 330	
2,4,5-TRICHLOROPHENOL	< 330						< 360	< 330	
2,4,6-TRICHLOROPHENOL	< 330						< 360	< 330	
2,4-DICHLOROPHENOL	< 330						< 360	< 330	
2,4-DIMETHYLPHENOL	< 330						< 360	< 330	
2,4-DINITROPHENOL	< 1600						< 1700	< 1600	
2,4-DINITROTOLUENE	< 330						< 360	< 330	
2,6-DINITROTOLUENE	< 330						< 360	< 330	
2-CHLORONAPHTHALENE	< 330						< 360	< 330	
2-CHLOROPHENOL	< 330						< 360	< 330	
2-METHYLNAPHTHALENE	< 330	< 100	< 100	< 100	< 110	< 100	< 360	< 330	< 2000
2-METHYLPHENOL	< 330						< 360	< 330	
2-NITROANILINE	< 1600						< 1700	< 1600	
2-NITROPHENOL	< 330						< 360	< 330	
3,3'-DICHLOROBENZIDINE	< 1600						< 1700	< 1600	
3-NITROANILINE	< 1600						< 1700	< 1600	
4,6-DINITRO-2-METHYLPHENOL	< 1600						< 1700	< 1600	
4-BROMOPHENYL PHENYL ETHER	< 330						< 360	< 330	
4-CHLORO-3-METHYLPHENOL	< 330						< 360	< 330	
4-CHLOROANILINE	< 330						< 360	< 330	
4-CHLOROPHENYL PHENYL ETHER	< 330						< 360	< 330	
4-METHYLPHENOL	< 330						< 360	< 330	
4-NITROANILINE	< 1600						< 1700	< 1600	
4-NITROPHENOL	< 1600						< 1700	< 1600	
ACENAPHTHENE	< 330	< 100	< 100	< 100	< 110	< 100	< 360	< 330	< 2000
ACENAPHTHYLENE	< 330	< 100	< 100	< 100	< 110	< 100	< 360	< 330	< 2000
ACETOPHENONE							< 360		
ANTHRACENE	< 330	< 100	< 100	< 100	< 110	< 100	< 360	< 330	< 2000
ATRAZINE							< 360		
BENZALDEHYDE							< 360		
BENZO(A)ANTHRACENE	< 330	< 5	10	< 5	< 5.5	< 5	37 J	< 330	160 j
BENZO(A)PYRENE	< 330	< 5	9	< 5	< 5.5	< 5	45 J	< 330	< 100
BENZO(B)FLUORANTHENE	< 330	< 5	11	< 5	< 5.5	< 5	60 J	< 330	260 j
BENZO(GHI)PERYLENE	< 330	< 10	< 10	< 10	< 11	< 10	44 J	< 330	< 200
BENZO(K)FLUORANTHENE	< 330	< 1.7	4.8	< 1.7	< 1.9	< 1.7	26 J	< 330	120 j
BIS(2-CHLOROETHOXY)METHANE	< 330						< 360	< 330	
BIS(2-CHLOROETHYL) ETHER	< 330						< 360	< 330	
BIS(2-ETHYLHEXYL) PHTHALATE	< 330						69 J	< 330	
BUTYL BENZYL PHTHALATE	< 330						< 360	< 330	
CAPROLACTAM							< 360		
CARBAZOLE	< 330						< 360	< 330	
CHRYSENE	< 330	< 5	9.8	< 5	< 5.5	< 5	47 J	< 330	200 j
DIBENZ(A,H)ANTHRACENE	< 330	< 5	< 5	< 5	< 5.5	< 5	< 360	< 330	< 100
DIBENZOFURAN	< 330						< 360	< 330	
DIETHYL PHTHALATE	< 330						< 360	< 330	
DIMETHYL PHTHALATE	< 330						< 360	< 330	
DI-N-BUTYL PHTHALATE	< 330						< 360	< 330	
DI-N-OCTYL PHTHALATE	< 330						< 360	< 330	
FLUORANTHENE	< 330	< 10	< 10	< 10	< 11	< 10	56 J	< 330	440 j
FLUORENE	< 330	< 100	< 100	< 100	< 110	< 100	< 360	< 330	< 2000
HEXACHLOROBENZENE	< 330						< 360	< 330	
HEXACHLOROBUTADIENE	< 330						< 360	< 330	
HEXACHLOROCYCLOPENTADIENE	< 1600						< 1700	< 1600	
HEXACHLOROETHANE	< 330						< 360	< 330	
INDENO(1,2,3-CD)PYRENE	< 330	< 5	7.1	< 5	< 5.5	< 5	33 J	< 330	250 PF j
ISOPHORONE	< 330						< 360	< 330	
NAPHTHALENE	< 330	< 100	< 100	< 100	< 110	< 100	< 360	< 330	< 2000
NITROBENZENE	< 330						< 360	< 330	
N-NITROSODI-N-PROPYLAMINE	< 330						< 360	< 330	
N-NITROSODIPHENYLAMINE	< 330						< 360	< 330	
PENTACHLOROPHENOL	< 330						< 360	< 330	
PHENANTHRENE	< 330	< 100	< 100	< 100	< 110	< 100	22 J	< 330	< 2000
PHENOL	< 330						< 360	< 330	
PYRENE	< 330	< 5	43	12	18	14 j	71 J	< 330	560 j

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 30: Soil SVOC/PAH Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-055 / 04-06 CONF DUP 2004-02-02 Soil SW8270C µg/kg	GP01-055 / 04-06 CONF DUP 2004-02-02 Soil SW8310 µg/kg	GP01-055 / 04-06 CONF 2004-02-02 Soil SW8270C µg/kg	GP01-055 / 04-06 CONF 2004-02-02 Soil SW8310 µg/kg	GP01-055 / 04-06 1999-04-13 Soil SW8270C µg/kg	GP01-055 / 04-06 1999-04-13 Soil SW8310 µg/kg	GP01-056A / 16-18 1999-04-16 Soil SW8310 µg/kg	GP01-057 / 15-16 1999-04-15 Soil SW8310 µg/kg	GP01-058 / 14-16 1999-04-16 Soil SW8310 µg/kg
1,1'-BIPHENYL	< 400		< 400						
1,2,4-TRICHLOROBENZENE					< 330				
1,2-DICHLOROBENZENE					< 330				
1,3-DICHLOROBENZENE					< 330				
1,4-DICHLOROBENZENE					< 330				
1-METHYLNAPHTHALENE						< 100	< 100	< 100	< 100
2,2'-OXYBIS(1-CHLOROPROPANE)	< 400		< 400		< 330				
2,4,5-TRICHLOROPHENOL	< 400		< 400		< 330				
2,4,6-TRICHLOROPHENOL	< 400		< 400		< 330				
2,4-DICHLOROPHENOL	< 400		< 400		< 330				
2,4-DIMETHYLPHENOL	< 400		< 400		< 330				
2,4-DINITROPHENOL	< 2000		< 1900		< 1600				
2,4-DINITROTOLUENE	< 400		< 400		< 330				
2,6-DINITROTOLUENE	< 400		< 400		< 330				
2-CHLORONAPHTHALENE	< 400		< 400		< 330				
2-CHLOROPHENOL	< 400		< 400		< 330				
2-METHYLNAPHTHALENE	< 400		< 400		< 330	< 100	< 100	< 100	< 100
2-METHYLPHENOL	< 400		< 400		< 330				
2-NITROANILINE	< 2000		< 1900		< 1600				
2-NITROPHENOL	< 400		< 400		< 330				
3,3'-DICHLOROBENZIDINE	< 2000		< 1900		< 1600				
3-NITROANILINE	< 2000		< 1900		< 1600				
4,6-DINITRO-2-METHYLPHENOL	< 2000		< 1900		< 1600				
4-BROMOPHENYL PHENYL ETHER	< 400		< 400		< 330				
4-CHLORO-3-METHYLPHENOL	< 400		< 400		< 330				
4-CHLOROANILINE	< 400		< 400		< 330				
4-CHLOROPHENYL PHENYL ETHER	< 400		< 400		< 330				
4-METHYLPHENOL	< 400		< 400		< 330				
4-NITROANILINE	< 2000		< 1900		< 1600				
4-NITROPHENOL	< 2000		< 1900		< 1600				
ACENAPHTHENE	< 400	< 21	< 400	< 21	< 330	< 100	< 100	< 100	< 100
ACENAPHTHYLENE	< 400	< 21	< 400	< 21	< 330	130	< 100	< 100	< 100
ACETOPHENONE	< 400		< 400						
ANTHRACENE	< 400	< 4	< 400	< 4	< 330	< 100	< 100	< 100	< 100
ATRAZINE	< 400		< 400						
BENZALDEHYDE	< 400		< 400						
BENZO(A)ANTHRACENE	< 400	< 4	< 400	< 4	< 330	< 5	11	7.4	< 5
BENZO(A)PYRENE	< 400	< 4	< 400	< 4	< 330	< 5	< 5	< 5	< 5
BENZO(B)FLUORANTHENE	< 400	< 4	< 400	2.7 J	< 330	< 5	< 5	< 5	< 5
BENZO(GHI)PERYLENE	< 400	3.9 J	< 400	7.1 PG j	< 330	< 10	< 10	10 PF U	< 10
BENZO(K)FLUORANTHENE	< 400	< 4	< 400	1.8 J	< 330	< 1.7	< 1.7	< 1.7	< 1.7
BIS(2-CHLOROETHOXY)METHANE	< 400		< 400		< 330				
BIS(2-CHLOROETHYL) ETHER	< 400		< 400		< 330				
BIS(2-ETHYLHEXYL) PHTHALATE	85 J		240 J		< 330				
BUTYL BENZYL PHTHALATE	< 400		< 400		< 330				
CAPROLACTAM	< 400		< 400						
CARBAZOLE	< 400		< 400		< 330				
CHRYSENE	< 400	< 4	< 400	2.9 J	< 330	< 5	< 5	6.3	< 5
DIBENZ(A,H)ANTHRACENE	< 400	< 4	< 400	< 4	< 330	< 5	< 5	< 5	< 5
DIBENZOFURAN	< 400		< 400		< 330				
DIETHYL PHTHALATE	< 400		< 400		< 330				
DIMETHYL PHTHALATE	< 400		< 400		< 330				
DI-N-BUTYL PHTHALATE	82 J		82 J		< 330				
DI-N-OCTYL PHTHALATE	< 400		< 400		< 330				
FLUORANTHENE	< 400	1.9 J	< 400	19 PG j	< 330	< 10	< 10	12	< 10
FLUORENE	< 400	< 4	< 400	< 4	< 330	< 100	< 100	< 100	< 100
HEXACHLOROBENZENE	< 400		< 400		< 330				
HEXACHLOROBUTADIENE	< 400		< 400		< 330				
HEXACHLOROCYCLOPENTADIENE	< 2000		< 1900		< 1600				
HEXACHLOROETHANE	< 400		< 400		< 330				
INDENO(1,2,3-CD)PYRENE	< 400	< 4	< 400	3 J	< 330	< 5	< 5	< 5	< 5
ISOPHORONE	< 400		< 400		< 330				
NAPHTHALENE	< 400	< 21	< 400	< 21	< 330	< 100	< 100	< 100	< 100
NITROBENZENE	< 400		< 400		< 330				
N-NITROSODI-N-PROPYLAMINE	< 400		< 400		< 330				
N-NITROSODIPHENYLAMINE	< 400		< 400		< 330				
PENTACHLOROPHENOL	< 400		< 400		< 330				
PHENANTHRENE	< 400	2.1 J	< 400	13	< 330	< 100	< 100	< 100	< 100
PHENOL	< 400		< 400		< 330				
PYRENE	< 400	2.2 J	< 400	17	< 330	< 5	47	51	< 5

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
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bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 30: Soil SVOC/PAH Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-059 / 00-02 CONF 2004-02-03 Soil SW8310 µg/kg	GP01-059 / 00-02 1999-04-14 Soil SW8310 µg/kg	GP01-059 / 04-06 CONF DUP 2004-02-03 Soil SW8310 µg/kg	GP01-059 / 04-06 CONF 2004-02-03 Soil SW8310 µg/kg	GP01-059 / 04-06 1999-04-14 Soil SW8310 µg/kg	GP01-060 / 00-02 1999-04-15 Soil SW8310 µg/kg	GP01-060 / 02-04 1999-04-15 Soil SW8310 µg/kg	GP01-061 / 00-02 1999-04-15 Soil SW8310 µg/kg	GP01-061 / 02-04 1999-04-15 Soil SW8310 µg/kg
1,1'-BIPHENYL									
1,2,4-TRICHLOROBENZENE									
1,2-DICHLOROBENZENE									
1,3-DICHLOROBENZENE									
1,4-DICHLOROBENZENE									
1-METHYLNAPHTHALENE		< 100			< 100	< 100	< 100	< 100	< 100
2,2'-OXYBIS(1-CHLOROPROPANE)									
2,4,5-TRICHLOROPHENOL									
2,4,6-TRICHLOROPHENOL									
2,4-DICHLOROPHENOL									
2,4-DIMETHYLPHENOL									
2,4-DINITROPHENOL									
2,4-DINITROTOLUENE									
2,6-DINITROTOLUENE									
2-CHLORONAPHTHALENE									
2-CHLOROPHENOL									
2-METHYLNAPHTHALENE	< 43	< 100	< 19	< 19	< 100	< 100	< 100	< 100	< 100
2-METHYLPHENOL									
2-NITROANILINE									
2-NITROPHENOL									
3,3'-DICHLOROBENZIDINE									
3-NITROANILINE									
4,6-DINITRO-2-METHYLPHENOL									
4-BROMOPHENYL PHENYL ETHER									
4-CHLORO-3-METHYLPHENOL									
4-CHLOROANILINE									
4-CHLOROPHENYL PHENYL ETHER									
4-METHYLPHENOL									
4-NITROANILINE									
4-NITROPHENOL									
ACENAPHTHENE	< 43	< 100	< 19	< 19	< 100	< 100	< 100	< 100	< 100
ACENAPHTHYLENE	< 43	< 100	< 19	< 19	< 100	< 100	< 100	< 100	< 100
ACETOPHENONE									
ANTHRACENE	8.1 J	< 100	< 3.7	< 3.7	< 100	< 100	< 100	< 100	< 100
ATRAZINE									
BENZALDEHYDE									
BENZO(A)ANTHRACENE	38	< 5	< 3.7	< 3.7	< 5	9.4 PF	< 5	< 5	< 5
BENZO(A)PYRENE	51	< 5	< 3.7	< 3.7	< 5	16	< 5	< 5	< 5
BENZO(B)FLUORANTHENE	62	< 5	< 3.7	< 3.7	< 5	31	< 5	< 5	< 5
BENZO(GHI)PERYLENE	67	< 10	< 3.7	< 3.7	< 10	18 PF	< 10	< 10	< 10
BENZO(K)FLUORANTHENE	29	< 1.7	< 3.7	< 3.7	< 1.7	14	< 1.7	< 1.7	< 1.7
BIS(2-CHLOROETHOXY)METHANE									
BIS(2-CHLOROETHYL) ETHER									
BIS(2-ETHYLHEXYL) PHTHALATE									
BUTYL BENZYL PHTHALATE									
CAPROLACTAM									
CARBAZOLE									
CHRYSENE	53	< 5	1.5 J PG u	< 3.7	< 5	12	< 5	< 5	< 5
DIBENZ(A,H)ANTHRACENE	39 PG u	< 5	< 3.7	< 3.7	< 5	< 5	< 5	< 5	< 5
DIBENZOFURAN									
DIETHYL PHTHALATE									
DIMETHYL PHTHALATE									
DI-N-BUTYL PHTHALATE									
DI-N-OCTYL PHTHALATE									
FLUORANTHENE	97 PG u	< 10	1 J PG u	0.64 J	< 10	32 PF	10 PF U	12 j	< 10
FLUORENE	9.5 PG u	< 100	< 3.7	< 3.7	< 100	< 100	< 100	< 100	< 100
HEXACHLOROBENZENE									
HEXACHLOROBUTADIENE									
HEXACHLOROCYCLOPENTADIENE									
HEXACHLOROETHANE									
INDENO(1,2,3-CD)PYRENE	51	< 5	< 3.7	< 3.7	< 5	46	< 5	< 5	< 5
ISOPHORONE									
NAPHTHALENE	170 PG u	< 100	< 19	< 19	< 100	< 100	< 100	< 100	< 100
NITROBENZENE									
N-NITROSODI-N-PROPYLAMINE									
N-NITROSODIPHENYLAMINE									
PENTACHLOROPHENOL									
PHENANTHRENE	34	< 100	< 3.7	< 3.7	< 100	< 100	< 100	< 100	< 100
PHENOL									
PYRENE	85	16	< 3.7	< 3.7	14	77	50	14 j	25 j

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 30: Soil SVOC/PAH Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-062 / 00-02 1999-04-15 Soil SW8310 µg/kg	GP01-062 / 02-04 1999-04-15 Soil SW8310 µg/kg	GP01-063 / 00-02 1999-04-14 Soil SW8310 µg/kg	GP01-063 / 04-06 1999-04-14 Soil SW8310 µg/kg	GP01-064 / 00-02 1999-04-25 Soil SW8310 µg/kg	GP01-064 / 04-06 CONF 2004-01-27 Soil SW8310 µg/kg	GP01-064 / 04-06 1999-04-25 Soil SW8310 µg/kg	GP01-065 / 00-02 1999-04-25 Soil SW8310 µg/kg	GP01-065 / 04-06 1999-04-25 Soil SW8310 µg/kg
1,1'-BIPHENYL									
1,2,4-TRICHLOROBENZENE									
1,2-DICHLOROBENZENE									
1,3-DICHLOROBENZENE									
1,4-DICHLOROBENZENE									
1-METHYLNAPHTHALENE	< 100	< 100	< 100	< 100	< 10000		< 1000	< 100	< 100
2,2'-OXYBIS(1-CHLOROPROPANE)									
2,4,5-TRICHLOROPHENOL									
2,4,6-TRICHLOROPHENOL									
2,4-DICHLOROPHENOL									
2,4-DIMETHYLPHENOL									
2,4-DINITROPHENOL									
2,4-DINITROTOLUENE									
2,6-DINITROTOLUENE									
2-CHLORONAPHTHALENE									
2-CHLOROPHENOL									
2-METHYLNAPHTHALENE	< 100	< 100	< 100	< 100	23000 PF j		< 1000	< 100	< 100
2-METHYLPHENOL									
2-NITROANILINE									
2-NITROPHENOL									
3,3'-DICHLOROBENZIDINE									
3-NITROANILINE									
4,6-DINITRO-2-METHYLPHENOL									
4-BROMOPHENYL PHENYL ETHER									
4-CHLORO-3-METHYLPHENOL									
4-CHLOROANILINE									
4-CHLOROPHENYL PHENYL ETHER									
4-METHYLPHENOL									
4-NITROANILINE									
4-NITROPHENOL									
ACENAPHTHENE	< 100	< 100	< 100	< 100	< 10000	< 61	< 1000	< 100	< 100
ACENAPHTHYLENE	< 100	< 100	< 100	< 100	< 10000	33 J	< 1000	< 100	< 100
ACETOPHENONE									
ANTHRACENE	< 100	< 100	< 100	< 100	< 10000	< 12	< 1000	< 100	< 100
ATRAZINE									
BENZALDEHYDE									
BENZO(A)ANTHRACENE	< 5	< 5	< 5	< 5	5600 j	< 12	< 50	12	< 5
BENZO(A)PYRENE	< 5	< 5	9 PF	< 5	5600 j	< 12	< 50	5.4	< 5
BENZO(B)FLUORANTHENE	< 5	< 5	9.9	< 5	5400 j	16	< 50	10	< 5
BENZO(GHI)PERYLENE	< 10	< 10	< 10	< 10	1600 j	< 12	< 100	< 10	< 10
BENZO(K)FLUORANTHENE	55	< 1.7	4 PF	< 1.7	2200 j	3 J	< 17	5.5 PF	< 1.7
BIS(2-CHLOROETHOXY)METHANE									
BIS(2-CHLOROETHYL) ETHER									
BIS(2-ETHYLHEXYL) PHTHALATE									
BUTYL BENZYL PHTHALATE									
CAPROLACTAM									
CARBAZOLE									
CHRYSENE	< 5	< 5	5.8	< 5	6000 j	8.3 J	< 50	12	< 5
DIBENZ(A,H)ANTHRACENE	< 5	< 5	< 5	< 5	2400 PF j	< 12	< 50	< 5	< 5
DIBENZOFURAN									
DIETHYL PHTHALATE									
DIMETHYL PHTHALATE									
DI-N-BUTYL PHTHALATE									
DI-N-OCTYL PHTHALATE									
FLUORANTHENE	< 10	13 j	< 10	< 10	17000 j	16 PG j	< 100	< 10	< 10
FLUORENE	< 100	< 100	< 100	< 100	< 10000	8.4 J	< 1000	< 100	< 100
HEXACHLOROBENZENE									
HEXACHLOROBUTADIENE									
HEXACHLOROCYCLOPENTADIENE									
HEXACHLOROETHANE									
INDENO(1,2,3-CD)PYRENE	< 5	< 5	6.6 PF	< 5	3500 j	< 12	< 50	7.4 PF	< 5
ISOPHORONE									
NAPHTHALENE	< 100	< 100	< 100	< 100	< 10000	52 J	< 1000	< 100	< 100
NITROBENZENE									
N-NITROSODI-N-PROPYLAMINE									
N-NITROSODIPHENYLAMINE									
PENTACHLOROPHENOL									
PHENANTHRENE	< 100	< 100	< 100	< 100	19000 j	9.3 J	< 1000	< 100	< 100
PHENOL									
PYRENE	16	17 j	27	10	21000 j	8.6 J	250 j	54	27

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.
Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 30: Soil SVOC/PAH Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-066 / 02-04 1999-04-25 Soil SW8310 µg/kg	GP01-067 / 00-02 1999-04-24 Soil SW8310 µg/kg	GP01-067 / 04-06 1999-04-24 Soil SW8310 µg/kg	GP01-068 / 00-02 1999-04-25 Soil SW8310 µg/kg	GP01-068 / 01-02 CONF 2004-01-27 Soil SW8310 µg/kg	GP01-068 / 04-06 CONF 2004-01-27 Soil SW8310 µg/kg	GP01-068 / 04-06 1999-04-25 Soil SW8310 µg/kg	GP01-069 / 00-02 1999-04-24 Soil SW8270C µg/kg	GP01-069 / 00-02 1999-04-24 Soil SW8310 µg/kg
1,1'-BIPHENYL									
1,2,4-TRICHLOROBENZENE								< 330	
1,2-DICHLOROBENZENE								< 330	
1,3-DICHLOROBENZENE								< 330	
1,4-DICHLOROBENZENE								< 330	
1-METHYLNAPHTHALENE	< 100	< 100	< 100	< 100			< 100		< 100
2,2'-OXYBIS(1-CHLOROPROPANE)								< 330	
2,4,5-TRICHLOROPHENOL								< 330	
2,4,6-TRICHLOROPHENOL								< 330	
2,4-DICHLOROPHENOL								< 330	
2,4-DIMETHYLPHENOL								< 330	
2,4-DINITROPHENOL								< 1600	
2,4-DINITROTOLUENE								< 330	
2,6-DINITROTOLUENE								< 330	
2-CHLORONAPHTHALENE								< 330	
2-CHLOROPHENOL								< 330	
2-METHYLNAPHTHALENE	< 100	< 100	< 100	< 100			< 100	< 330	< 100
2-METHYLPHENOL								< 330	
2-NITROANILINE								< 1600	
2-NITROPHENOL								< 330	
3,3'-DICHLOROBENZIDINE								< 1600	
3-NITROANILINE								< 1600	
4,6-DINITRO-2-METHYLPHENOL								< 1600	
4-BROMOPHENYL PHENYL ETHER								< 330	
4-CHLORO-3-METHYLPHENOL								< 330	
4-CHLOROANILINE								< 330	
4-CHLOROPHENYL PHENYL ETHER								< 330	
4-METHYLPHENOL								< 330	
4-NITROANILINE								< 1600	
4-NITROPHENOL								< 1600	
ACENAPHTHENE	< 100	< 100	< 100	< 100	< 36	< 110	< 100	< 330	< 100
ACENAPHTHYLENE	< 100	< 100	< 100	< 100	< 36	< 110	< 100	< 330	110
ACETOPHENONE									
ANTHRACENE	< 100	< 100	< 100	< 100	< 7	< 21	< 100	< 330	< 100
ATRAZINE									
BENZALDEHYDE									
BENZO(A)ANTHRACENE	16	< 5	< 5	< 5	< 7	< 21	< 5	< 330	5.6
BENZO(A)PYRENE	20	< 5	< 5	< 5	< 7	< 21	< 5	< 330	< 5
BENZO(B)FLUORANTHENE	26	< 5	< 5	< 5	< 7	< 21	7.3	< 330	< 5
BENZO(GHI)PERYLENE	18	< 10	< 10	< 10	< 7	< 21	< 10	< 330	< 10
BENZO(K)FLUORANTHENE	12	< 1.7	5	< 1.7	< 7	< 21	3.3 PF	< 330	2 PF
BIS(2-CHLOROETHOXY)METHANE								< 330	
BIS(2-CHLOROETHYL) ETHER								< 330	
BIS(2-ETHYLHEXYL) PHTHALATE								< 330	
BUTYL BENZYL PHTHALATE								< 330	
CAPROLACTAM									
CARBAZOLE								< 330	
CHRYSENE	18	< 5	< 5	< 5	< 7	12 J	< 5	< 330	< 5
DIBENZ(A,H)ANTHRACENE	< 5	< 5	< 5	< 5	< 7	< 21	< 5	< 330	< 5
DIBENZOFURAN								< 330	
DIETHYL PHTHALATE								< 330	
DIMETHYL PHTHALATE								< 330	
DI-N-BUTYL PHTHALATE								< 330	
DI-N-OCTYL PHTHALATE								< 330	
FLUORANTHENE	49	< 10	16	< 10	3 J	460 PG j	< 10	< 330	< 10
FLUORENE	< 100	< 100	< 100	< 100	< 7	23 PG j	< 100	< 330	< 100
HEXACHLOROBENZENE								< 330	
HEXACHLOROBUTADIENE								< 330	
HEXACHLOROCYCLOPENTADIENE								< 1600	
HEXACHLOROETHANE								< 330	
INDENO(1,2,3-CD)PYRENE	25 PF	< 5	< 5	< 5	< 7	< 21	< 5	< 330	< 5
ISOPHORONE								< 330	
NAPHTHALENE	< 100	< 100	< 100	< 100	< 36	42 J	< 100	< 330	< 100
NITROBENZENE								< 330	
N-NITROSODI-N-PROPYLAMINE								< 330	
N-NITROSODIPHENYLAMINE								< 330	
PENTACHLOROPHENOL								< 330	
PHENANTHRENE	< 100	< 100	< 100	< 100	3.3 J	55	< 100	< 330	< 100
PHENOL								< 330	
PYRENE	52	28	28	29	4.5 J	< 21	32	< 330	51

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 30: Soil SVOC/PAH Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-070 / 00-02 1999-04-24 Soil SW8310 µg/kg	GP01-070 / 04-06 1999-04-24 Soil SW8310 µg/kg	GP01-071 / 00-02 1999-04-24 Soil SW8310 µg/kg	GP01-071 / 04-06 1999-04-24 Soil SW8310 µg/kg	GP01-072 / 00-02 1999-04-24 Soil SW8310 µg/kg	GP01-072 / 04-06 1999-04-24 Soil SW8310 µg/kg	GP01-073 / 00-02 1999-04-24 Soil SW8310 µg/kg	GP01-073 / 04-06 1999-04-24 Soil SW8310 µg/kg	GP01-074 / 00-02 1999-04-24 Soil SW8310 µg/kg
1,1'-BIPHENYL									
1,2,4-TRICHLOROBENZENE									
1,2-DICHLOROBENZENE									
1,3-DICHLOROBENZENE									
1,4-DICHLOROBENZENE									
1-METHYLNAPHTHALENE	< 500	< 1000	< 100	< 100	< 100	< 100	< 100	< 100	< 100
2,2'-OXYBIS(1-CHLOROPROPANE)									
2,4,5-TRICHLOROPHENOL									
2,4,6-TRICHLOROPHENOL									
2,4-DICHLOROPHENOL									
2,4-DIMETHYLPHENOL									
2,4-DINITROPHENOL									
2,4-DINITROTOLUENE									
2,6-DINITROTOLUENE									
2-CHLORONAPHTHALENE									
2-CHLOROPHENOL									
2-METHYLNAPHTHALENE	< 500	< 1000	< 100	< 100	< 100	< 100	< 100	< 100	< 100
2-METHYLPHENOL									
2-NITROANILINE									
2-NITROPHENOL									
3,3'-DICHLOROBENZIDINE									
3-NITROANILINE									
4,6-DINITRO-2-METHYLPHENOL									
4-BROMOPHENYL PHENYL ETHER									
4-CHLORO-3-METHYLPHENOL									
4-CHLOROANILINE									
4-CHLOROPHENYL PHENYL ETHER									
4-METHYLPHENOL									
4-NITROANILINE									
4-NITROPHENOL									
ACENAPHTHENE	< 500	< 1000	< 100	< 100	< 100	< 100	< 100	< 100	< 100
ACENAPHTHYLENE	< 500	2400 j	< 100	220 j	< 100	< 100	< 100	< 100	< 100
ACETOPHENONE									
ANTHRACENE	< 500	< 1000	< 100	< 100	< 100	< 100	< 100	< 100	< 100
ATRAZINE									
BENZALDEHYDE									
BENZO(A)ANTHRACENE	240 j	< 50	< 5	< 5	50	< 5	< 5	< 5	< 5
BENZO(A)PYRENE	130 j	58 j	< 5	< 5	42	< 5	< 5	< 5	< 5
BENZO(B)FLUORANTHENE	210 j	79 j	5.8	< 5	55	< 5	8.5	< 5	< 5
BENZO(GHI)PERYLENE	67 j	< 100	< 10	< 10	22	< 10	15	< 10	< 10
BENZO(K)FLUORANTHENE	95 j	47 j	2.4 PF	44 j	25	< 1.7	3.8	< 1.7	< 1.7
BIS(2-CHLOROETHOXY)METHANE									
BIS(2-CHLOROETHYL) ETHER									
BIS(2-ETHYLHEXYL) PHTHALATE									
BUTYL BENZYL PHTHALATE									
CAPROLACTAM									
CARBAZOLE									
CHRYSENE	250 j	< 50	< 5	< 5	54	< 5	7.8	< 5	< 5
DIBENZ(A,H)ANTHRACENE	160 j	< 50	< 5	< 5	< 5	< 5	< 5	< 5	< 5
DIBENZOFURAN									
DIETHYL PHTHALATE									
DIMETHYL PHTHALATE									
DI-N-BUTYL PHTHALATE									
DI-N-OCTYL PHTHALATE									
FLUORANTHENE	710 j	400 j	< 10	< 10	< 10	< 10	15 PF	20	< 10
FLUORENE	< 500	< 1000	< 100	< 100	< 100	< 100	< 100	< 100	< 100
HEXACHLOROBENZENE									
HEXACHLOROBUTADIENE									
HEXACHLOROCYCLOPENTADIENE									
HEXACHLOROETHANE									
INDENO(1,2,3-CD)PYRENE	100 j	83 PF j	< 5	< 5	36 PF	< 5	5.8	< 5	< 5
ISOPHORONE									
NAPHTHALENE	< 500	< 1000	< 100	< 100	< 100	< 100	< 100	< 100	< 100
NITROBENZENE									
N-NITROSODI-N-PROPYLAMINE									
N-NITROSODIPHENYLAMINE									
PENTACHLOROPHENOL									
PHENANTHRENE	550 j	< 1000	< 100	< 100	< 100	< 100	< 100	< 100	< 100
PHENOL									
PYRENE	710 j	1200 j	39	< 5	150	15	44	< 5	28

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.
Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 30: Soil SVOC/PAH Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-074 / 04-06 1999-04-24 Soil SW8310 µg/kg	GP01-076 / 00-02 1999-04-15 Soil SW8310 µg/kg	GP01-076 / 02-04 1999-04-15 Soil SW8310 µg/kg	GP01-077 / 00-02 1999-04-15 Soil SW8310 µg/kg	GP01-077 / 02-04 1999-04-15 Soil SW8310 µg/kg	GP01-078 / 00-02 1999-04-15 Soil SW8310 µg/kg	GP01-078 / 02-04 1999-04-15 Soil SW8310 µg/kg	GP01-079 / 00-02 1999-04-13 Soil SW8310 µg/kg	GP01-079 / 04-06 1999-04-13 Soil SW8310 µg/kg
1,1'-BIPHENYL									
1,2,4-TRICHLOROBENZENE									
1,2-DICHLOROBENZENE									
1,3-DICHLOROBENZENE									
1,4-DICHLOROBENZENE									
1-METHYLNAPHTHALENE	< 100	< 5000	< 100	< 500	< 100	< 100	< 100	< 100	< 100
2,2'-OXYBIS(1-CHLOROPROPANE)									
2,4,5-TRICHLOROPHENOL									
2,4,6-TRICHLOROPHENOL									
2,4-DICHLOROPHENOL									
2,4-DIMETHYLPHENOL									
2,4-DINITROPHENOL									
2,4-DINITROTOLUENE									
2,6-DINITROTOLUENE									
2-CHLORONAPHTHALENE									
2-CHLOROPHENOL									
2-METHYLNAPHTHALENE	< 100	< 5000	< 100	< 500	< 100	< 100	< 100	< 100	< 100
2-METHYLPHENOL									
2-NITROANILINE									
2-NITROPHENOL									
3,3'-DICHLOROBENZIDINE									
3-NITROANILINE									
4,6-DINITRO-2-METHYLPHENOL									
4-BROMOPHENYL PHENYL ETHER									
4-CHLORO-3-METHYLPHENOL									
4-CHLOROANILINE									
4-CHLOROPHENYL PHENYL ETHER									
4-METHYLPHENOL									
4-NITROANILINE									
4-NITROPHENOL									
ACENAPHTHENE	< 100	< 5000	< 100	< 500	< 100	< 100	< 100	< 100	< 100
ACENAPHTHYLENE	< 100	< 5000	< 100	< 500	< 100	< 100	< 100	< 100	< 100
ACETOPHENONE									
ANTHRACENE	< 100	< 5000	< 100	< 500	< 100	< 100	< 100	< 100	< 100
ATRAZINE									
BENZALDEHYDE									
BENZO(A)ANTHRACENE	< 5	1600 j	< 5	50	< 5	17	< 5	7.3	< 5
BENZO(A)PYRENE	< 5	1600 j	5 PF U	45 PF	< 5	20	< 5	< 5	< 5
BENZO(B)FLUORANTHENE	8.8	850 PF j	5.8	70	< 5	24	< 5	13	< 5
BENZO(GHI)PERYLENE	< 10	790 j	< 10	< 50	< 10	12	< 10	< 10	< 10
BENZO(K)FLUORANTHENE	3.9	830 j	3.2	39	< 1.7	11	< 1.7	5.3	< 1.7
BIS(2-CHLOROETHOXY)METHANE									
BIS(2-CHLOROETHYL) ETHER									
BIS(2-ETHYLHEXYL) PHTHALATE									
BUTYL BENZYL PHTHALATE									
CAPROLACTAM									
CARBAZOLE									
CHRYSENE	5.2	1700 j	5.1	65	< 5	23	< 5	8.9	< 5
DIBENZ(A,H)ANTHRACENE	< 5	790 j	< 5	< 25	< 5	< 5	< 5	< 5	< 5
DIBENZOFURAN									
DIETHYL PHTHALATE									
DIMETHYL PHTHALATE									
DI-N-BUTYL PHTHALATE									
DI-N-OCTYL PHTHALATE									
FLUORANTHENE	39 PF	5600 j	27	220	10 PF U uj	94	< 10	50	< 10
FLUORENE	< 100	< 5000	< 100	< 500	< 100	< 100	< 100	< 100	< 100
HEXACHLOROBENZENE									
HEXACHLOROBUTADIENE									
HEXACHLOROCYCLOPENTADIENE									
HEXACHLOROETHANE									
INDENO(1,2,3-CD)PYRENE	5.8 PF	1400 j	< 5	51	< 5	20	< 5	8.5	< 5
ISOPHORONE									
NAPHTHALENE	< 100	< 5000	< 100	< 500	< 100	< 100	< 100	< 100	< 100
NITROBENZENE									
N-NITROSODI-N-PROPYLAMINE									
N-NITROSODIPHENYLAMINE									
PENTACHLOROPHENOL									
PHENANTHRENE	< 100	< 5000	< 100	< 500	< 100	< 100	< 100	< 100	< 100
PHENOL									
PYRENE	18	5600 j	34	210	30 j	79	29	49	11

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 30: Soil SVOC/PAH Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-080 / 00-02 CONF 2004-01-29 Soil SW8310 µg/kg	GP01-080 / 00-02 1999-04-13 Soil SW8310 µg/kg	GP01-080 / 04-06 CONF 2004-01-29 Soil SW8310 µg/kg	GP01-080 / 04-06 1999-04-13 Soil SW8310 µg/kg	GP01-085 / 00-1_5 2000-02-21 Soil SW8270C µg/kg	GP01-086 / 00-1_5 2000-02-21 Soil SW8270C µg/kg	GP01-087 / 04-06 2000-05-19 Soil SW8270C µg/kg	GP01-087 / 08-10 2000-05-19 Soil SW8270C µg/kg	GP01-088 / 04-06 2000-05-19 Soil SW8270C µg/kg
1,1'-BIPHENYL									
1,2,4-TRICHLOROBENZENE					< 660	< 330	< 430	< 370	< 390
1,2-DICHLOROBENZENE					< 660	< 330	< 430	< 370	< 390
1,3-DICHLOROBENZENE					< 660	< 330	< 430	< 370	< 390
1,4-DICHLOROBENZENE					< 660	< 330	< 430	< 370	< 390
1-METHYLNAPHTHALENE		< 100		< 2000					
2,2'-OXYBIS(1-CHLOROPROPANE)					< 660	< 330	< 430	< 370	< 390
2,4,5-TRICHLOROPHENOL					< 660	< 330	< 430	< 370	< 390
2,4,6-TRICHLOROPHENOL					< 660	< 330	< 430	< 370	< 390
2,4-DICHLOROPHENOL					< 660	< 330	< 430	< 370	< 390
2,4-DIMETHYLPHENOL					< 660	< 330	< 430	< 370	< 390
2,4-DINITROPHENOL					< 3200	< 1600	< 2100	< 1800	< 1900
2,4-DINITROTOLUENE					< 660	< 330	< 430	< 370	< 390
2,6-DINITROTOLUENE					< 660	< 330	< 430	< 370	< 390
2-CHLORONAPHTHALENE					< 660	< 330	< 430	< 370	< 390
2-CHLOROPHENOL					< 660	< 330	< 430	< 370	< 390
2-METHYLNAPHTHALENE		< 100		< 2000	< 660	< 330	< 430	< 370	< 390
2-METHYLPHENOL					< 660	< 330	< 430	< 370	< 390
2-NITROANILINE					< 3200	< 1600	< 2100	< 1800	< 1900
2-NITROPHENOL					< 660	< 330	< 430	< 370	< 390
3,3'-DICHLOROBENZIDINE					< 3200	< 1600	< 2100	< 1800	< 1900
3-NITROANILINE					< 3200	< 1600	< 2100	< 1800	< 1900
4,6-DINITRO-2-METHYLPHENOL					< 3200	< 1600	< 2100	< 1800	< 1900
4-BROMOPHENYL PHENYL ETHER					< 660	< 330	< 430	< 370	< 390
4-CHLORO-3-METHYLPHENOL					< 660	< 330	< 430	< 370	< 390
4-CHLOROANILINE					< 660	< 330	< 430	< 370	< 390
4-CHLOROPHENYL PHENYL ETHER					< 660	< 330	< 430	< 370	< 390
4-METHYLPHENOL					< 660	< 330	< 430	< 370	< 390
4-NITROANILINE					< 3200	< 1600	< 2100	< 1800	< 1900
4-NITROPHENOL					< 3200	< 1600	< 2100	< 1800	< 1900
ACENAPHTHENE	< 92	< 100	< 42	< 2000	< 660	< 330	< 430	< 370	< 390
ACENAPHTHYLENE	< 92	< 100	< 42	< 2000	< 660	< 330	< 430	< 370	< 390
ACETOPHENONE									
ANTHRACENE	< 18	< 100	21	< 2000	< 660	< 330	< 430	< 370	< 390
ATRAZINE									
BENZALDEHYDE									
BENZO(A)ANTHRACENE	17 J	< 5	58	< 100	1200	< 330	< 430	< 370	< 390
BENZO(A)PYRENE	12 J	< 5	56	630	1100	< 330	< 430	< 370	< 390
BENZO(B)FLUORANTHENE	22 PG j	< 5	46 PG j	< 100	1600	< 330	< 430	< 370	< 390
BENZO(GHI)PERYLENE	< 18	< 10	45 PG j	< 200	670	< 330	< 430	< 370	< 390
BENZO(K)FLUORANTHENE	21 PG j	< 1.7	83	< 34	< 660	< 330	< 430	< 370	< 390
BIS(2-CHLOROETHOXY)METHANE					< 660	< 330	< 430	< 370	< 390
BIS(2-CHLOROETHYL) ETHER					< 660	< 330	< 430	< 370	< 390
BIS(2-ETHYLHEXYL) PHTHALATE					< 660	< 330	< 430	< 370	< 390
BUTYL BENZYL PHTHALATE					< 660	< 330	< 430	< 370	< 390
CAPROLACTAM									
CARBAZOLE					< 660	< 330	< 430	< 370	< 390
CHRYSENE	13 J	< 5	81	< 100	1500	< 330	< 430	< 370	< 390
DIBENZ(A,H)ANTHRACENE	< 18	< 5	97 PG j	< 100	< 660	< 330	< 430	< 370	< 390
DIBENZOFURAN					< 660	< 330	< 430	< 370	< 390
DIETHYL PHTHALATE					< 660	< 330	< 430	< 370	< 390
DIMETHYL PHTHALATE					< 660	< 330	< 430	< 370	< 390
DI-N-BUTYL PHTHALATE					< 660	< 330	< 430	< 370	< 390
DI-N-OCTYL PHTHALATE					< 660	< 330	< 430	< 370	< 390
FLUORANTHENE	38 PG j	20	190 PG j	< 200	3600	< 330	< 430	< 370	< 390
FLUORENE	< 18	< 100	< 8.1	< 2000	< 660	< 330	< 430	< 370	< 390
HEXACHLOROBENZENE					< 660	< 330	< 430	< 370	< 390
HEXACHLOROBUTADIENE					< 660	< 330	< 430	< 370	< 390
HEXACHLOROCYCLOPENTADIENE					< 3200	< 1600	< 2100	< 1800	< 1900
HEXACHLOROETHANE					< 660	< 330	< 430	< 370	< 390
INDENO(1,2,3-CD)PYRENE	17 J	< 5	65 PG j	< 100	840	< 330	< 430	< 370	< 390
ISOPHORONE					< 660	< 330	< 430	< 370	< 390
NAPHTHALENE	41 J	< 100	74 PG j	< 2000	< 660	< 330	< 430	< 370	< 390
NITROBENZENE					< 660	< 330	< 430	< 370	< 390
N-NITROSODI-N-PROPYLAMINE					< 660	< 330	< 430	< 370	< 390
N-NITROSODIPHENYLAMINE					< 660	< 330	< 430	< 370	< 390
PENTACHLOROPHENOL					< 660	< 330	< 430	< 370	< 390
PHENANTHRENE	14 J	< 100	100	< 2000	2100	< 330	< 430	< 370	< 390
PHENOL					< 660	< 330	< 430	< 370	< 390
PYRENE	29 PG j	21	57 PG j	< 100	2800	< 330	< 430	< 370	< 390

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 30: Soil SVOC/PAH Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-088 / 08-10 2000-05-19 Soil SW8270C µg/kg	GP01-089 / 04-06 2000-05-19 Soil SW8270C µg/kg	GP01-089 / 08-10 2000-05-19 Soil SW8270C µg/kg	GP01-090 / 04-06 2000-05-19 Soil SW8270C µg/kg	GP01-090 / 08-10 2000-05-19 Soil SW8270C µg/kg	GP01-091 / 04-06 2000-05-19 Soil SW8270C µg/kg	GP01-091 / 08-10 2000-05-19 Soil SW8270C µg/kg	GP01-092 / 04-06 2000-05-19 Soil SW8270C µg/kg	GP01-092 / 08-10 2000-05-19 Soil SW8270C µg/kg
1,1'-BIPHENYL									
1,2,4-TRICHLOROBENZENE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
1,2-DICHLOROBENZENE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
1,3-DICHLOROBENZENE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
1,4-DICHLOROBENZENE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
1-METHYLNAPHTHALENE									
2,2'-OXYBIS(1-CHLOROPROPANE)	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
2,4,5-TRICHLOROPHENOL	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
2,4,6-TRICHLOROPHENOL	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
2,4-DICHLOROPHENOL	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
2,4-DIMETHYLPHENOL	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
2,4-DINITROPHENOL	< 1800	< 2000	< 1800	< 2000	< 1800	< 2000	< 1800	< 2000	< 1800
2,4-DINITROTOLUENE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
2,6-DINITROTOLUENE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
2-CHLORONAPHTHALENE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
2-CHLOROPHENOL	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
2-METHYLNAPHTHALENE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
2-METHYLPHENOL	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
2-NITROANILINE	< 1800	< 2000	< 1800	< 2000	< 1800	< 2000	< 1800	< 2000	< 1800
2-NITROPHENOL	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
3,3'-DICHLOROBENZIDINE	< 1800	< 2000	< 1800	< 2000	< 1800	< 2000	< 1800	< 2000	< 1800
3-NITROANILINE	< 1800	< 2000	< 1800	< 2000	< 1800	< 2000	< 1800	< 2000	< 1800
4,6-DINITRO-2-METHYLPHENOL	< 1800	< 2000	< 1800	< 2000	< 1800	< 2000	< 1800	< 2000	< 1800
4-BROMOPHENYL PHENYL ETHER	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
4-CHLORO-3-METHYLPHENOL	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
4-CHLOROANILINE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
4-CHLOROPHENYL PHENYL ETHER	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
4-METHYLPHENOL	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
4-NITROANILINE	< 1800	< 2000	< 1800	< 2000	< 1800	< 2000	< 1800	< 2000	< 1800
4-NITROPHENOL	< 1800	< 2000	< 1800	< 2000	< 1800	< 2000	< 1800	< 2000	< 1800
ACENAPHTHENE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
ACENAPHTHYLENE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
ACETOPHENONE									
ANTHRACENE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
ATRAZINE									
BENZALDEHYDE									
BENZO(A)ANTHRACENE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
BENZO(A)PYRENE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
BENZO(B)FLUORANTHENE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
BENZO(GHI)PERYLENE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
BENZO(K)FLUORANTHENE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
BIS(2-CHLOROETHOXY)METHANE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
BIS(2-CHLOROETHYL) ETHER	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
BIS(2-ETHYLHEXYL) PHTHALATE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
BUTYL BENZYL PHTHALATE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
CAPROLACTAM									
CARBAZOLE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
CHRYSENE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
DIBENZ(A,H)ANTHRACENE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
DIBENZOFURAN	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
DIETHYL PHTHALATE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
DIMETHYL PHTHALATE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
DI-N-BUTYL PHTHALATE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
DI-N-OCTYL PHTHALATE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
FLUORANTHENE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
FLUORENE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
HEXACHLOROBENZENE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
HEXACHLOROBUTADIENE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
HEXACHLOROCYCLOPENTADIENE	< 1800	< 2000	< 1800	< 2000	< 1800	< 2000	< 1800	< 2000	< 1800
HEXACHLOROETHANE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
INDENO(1,2,3-CD)PYRENE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
ISOPHORONE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
NAPHTHALENE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
NITROBENZENE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
N-NITROSODI-N-PROPYLAMINE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
N-NITROSODIPHENYLAMINE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
PENTACHLOROPHENOL	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
PHENANTHRENE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
PHENOL	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370
PYRENE	< 370	< 400	< 370	< 400	< 380	< 410	< 380	< 410	< 370

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 30: Soil SVOC/PAH Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-093 / 04-06 2000-05-19 Soil SW8270C µg/kg	GP01-093 / 08-10 2000-05-19 Soil SW8270C µg/kg	GP01-094 / 04-06 2000-05-20 Soil SW8270C µg/kg	GP01-094 / 08-10 2000-05-20 Soil SW8270C µg/kg	GP01-094 / 14-16 2000-05-20 Soil SW8270C µg/kg	GP01-095 / 04-06 2000-05-20 Soil SW8270C µg/kg	GP01-095 / 08-10 2000-05-20 Soil SW8270C µg/kg	GP01-095 / 12-14 2000-05-20 Soil SW8270C µg/kg	GP01-096 / 04-06 2000-05-21 Soil SW8270C µg/kg
1,1'-BIPHENYL									
1,2,4-TRICHLOROBENZENE									
1,2-DICHLOROBENZENE									
1,3-DICHLOROBENZENE									
1,4-DICHLOROBENZENE									
1-METHYLNAPHTHALENE	< 410	< 370	< 410	< 400	< 370	< 420	< 1600	< 370	< 360
2,2'-OXYBIS(1-CHLOROPROPANE)									
2,4,5-TRICHLOROPHENOL									
2,4,6-TRICHLOROPHENOL									
2,4-DICHLOROPHENOL									
2,4-DIMETHYLPHENOL									
2,4-DINITROPHENOL									
2,4-DINITROTOLUENE									
2,6-DINITROTOLUENE									
2-CHLORONAPHTHALENE									
2-CHLOROPHENOL									
2-METHYLNAPHTHALENE	< 410	< 370	< 410	< 400	< 370	< 420	< 1600	< 370	< 360
2-METHYLPHENOL									
2-NITROANILINE									
2-NITROPHENOL									
3,3'-DICHLOROBENZIDINE									
3-NITROANILINE									
4,6-DINITRO-2-METHYLPHENOL									
4-BROMOPHENYL PHENYL ETHER									
4-CHLORO-3-METHYLPHENOL									
4-CHLOROANILINE									
4-CHLOROPHENYL PHENYL ETHER									
4-METHYLPHENOL									
4-NITROANILINE									
4-NITROPHENOL									
ACENAPHTHENE	< 410	< 370	< 410	< 400	< 370	< 420	< 1600	< 370	< 360
ACENAPHTHYLENE	< 410	< 370	< 410	< 400	< 370	< 420	< 1600	< 370	< 360
ACETOPHENONE									
ANTHRACENE	< 410	< 370	< 410	< 400	< 370	< 420	< 1600	< 370	< 360
ATRAZINE									
BENZALDEHYDE									
BENZO(A)ANTHRACENE	< 410	< 370	< 410	< 400	< 370	< 420	< 1600	< 370	< 360
BENZO(A)PYRENE	< 410	< 370	< 410	< 400	< 370	< 420	< 1600	< 370	< 360
BENZO(B)FLUORANTHENE	< 410	< 370	< 410	< 400	< 370	< 420	< 1600	< 370	< 360
BENZO(GHI)PERYLENE	< 410	< 370	< 410	< 400	< 370	< 420	< 1600	< 370	< 360
BENZO(K)FLUORANTHENE	< 410	< 370	< 410	< 400	< 370	< 420	< 1600	< 370	< 360
BIS(2-CHLOROETHOXY)METHANE									
BIS(2-CHLOROETHYL) ETHER									
BIS(2-ETHYLHEXYL) PHTHALATE									
BUTYL BENZYL PHTHALATE									
CAPROLACTAM									
CARBAZOLE									
CHRYSENE	< 410	< 370	< 410	< 400	< 370	< 420	< 1600	< 370	< 360
DIBENZ(A,H)ANTHRACENE	< 410	< 370	< 410	< 400	< 370	< 420	< 1600	< 370	< 360
DIBENZOFURAN									
DIETHYL PHTHALATE									
DIMETHYL PHTHALATE									
DI-N-BUTYL PHTHALATE									
DI-N-OCTYL PHTHALATE									
FLUORANTHENE	< 410	< 370	< 410	< 400	< 370	< 420	< 1600	< 370	< 360
FLUORENE	< 410	< 370	< 410	< 400	< 370	< 420	< 1600	< 370	< 360
HEXACHLOROBENZENE									
HEXACHLOROBUTADIENE									
HEXACHLOROCYCLOPENTADIENE									
HEXACHLOROETHANE									
INDENO(1,2,3-CD)PYRENE	< 410	< 370	< 410	< 400	< 370	< 420	< 1600	< 370	< 360
ISOPHORONE									
NAPHTHALENE	< 410	< 370	< 410	< 400	< 370	< 420	< 1600	< 370	< 360
NITROBENZENE									
N-NITROSODI-N-PROPYLAMINE									
N-NITROSODIPHENYLAMINE									
PENTACHLOROPHENOL									
PHENANTHRENE	< 410	< 370	< 410	< 400	< 370	< 420	< 1600	< 370	< 360
PHENOL									
PYRENE	< 410	< 370	< 410	< 400	< 370	< 420	< 1600	< 370	< 360

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.
Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 30: Soil SVOC/PAH Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-096 / 08-10 2000-05-21 Soil SW8270C µg/kg	GP01-096 / 12-14 2000-05-21 Soil SW8270C µg/kg	GP01-097 / 04-06 2000-05-21 Soil SW8270C µg/kg	GP01-097 / 08-10 2000-05-21 Soil SW8270C µg/kg	GP01-097 / 12-14 2000-05-21 Soil SW8270C µg/kg	GP01-098 / 04-06 2000-05-21 Soil SW8270C µg/kg	GP01-098 / 08-10 2000-05-21 Soil SW8270C µg/kg	GP01-098 / 12-14 2000-05-21 Soil SW8270C µg/kg	GP01-099 / 04-06 2000-05-21 Soil SW8270C µg/kg
1,1'-BIPHENYL									
1,2,4-TRICHLOROBENZENE									
1,2-DICHLOROBENZENE									
1,3-DICHLOROBENZENE									
1,4-DICHLOROBENZENE									
1-METHYLNAPHTHALENE	< 420	< 370	< 430	< 2100	< 380	< 7000	< 420	< 380	< 7400
2,2'-OXYBIS(1-CHLOROPROPANE)									
2,4,5-TRICHLOROPHENOL									
2,4,6-TRICHLOROPHENOL									
2,4-DICHLOROPHENOL									
2,4-DIMETHYLPHENOL									
2,4-DINITROPHENOL									
2,4-DINITROTOLUENE									
2,6-DINITROTOLUENE									
2-CHLORONAPHTHALENE									
2-CHLOROPHENOL									
2-METHYLNAPHTHALENE	< 420	< 370	< 430	< 2100	< 380	< 7000	< 420	< 380	< 7400
2-METHYLPHENOL									
2-NITROANILINE									
2-NITROPHENOL									
3,3'-DICHLOROBENZIDINE									
3-NITROANILINE									
4,6-DINITRO-2-METHYLPHENOL									
4-BROMOPHENYL PHENYL ETHER									
4-CHLORO-3-METHYLPHENOL									
4-CHLOROANILINE									
4-CHLOROPHENYL PHENYL ETHER									
4-METHYLPHENOL									
4-NITROANILINE									
4-NITROPHENOL									
ACENAPHTHENE	< 420	< 370	< 430	< 2100	< 380	< 7000	< 420	< 380	< 7400
ACENAPHTHYLENE	< 420	< 370	< 430	< 2100	< 380	< 7000	< 420	< 380	< 7400
ACETOPHENONE									
ANTHRACENE	< 420	< 370	< 430	< 2100	< 380	< 7000	< 420	< 380	< 7400
ATRAZINE									
BENZALDEHYDE									
BENZO(A)ANTHRACENE	< 420	< 370	< 430	< 2100	< 380	< 7000	< 420	< 380	< 7400
BENZO(A)PYRENE	< 420	< 370	< 430	< 2100	< 380	< 7000	< 420	< 380	< 7400
BENZO(B)FLUORANTHENE	< 420	< 370	< 430	< 2100	< 380	< 7000	< 420	< 380	< 7400
BENZO(GHI)PERYLENE	< 420	< 370	< 430	< 2100	< 380	< 7000	< 420	< 380	< 7400
BENZO(K)FLUORANTHENE	< 420	< 370	< 430	< 2100	< 380	< 7000	< 420	< 380	< 7400
BIS(2-CHLOROETHOXY)METHANE									
BIS(2-CHLOROETHYL) ETHER									
BIS(2-ETHYLHEXYL) PHTHALATE									
BUTYL BENZYL PHTHALATE									
CAPROLACTAM									
CARBAZOLE									
CHRYSENE	< 420	< 370	< 430	< 2100	< 380	< 7000	< 420	< 380	< 7400
DIBENZ(A,H)ANTHRACENE	< 420	< 370	< 430	< 2100	< 380	< 7000	< 420	< 380	< 7400
DIBENZOFURAN									
DIETHYL PHTHALATE									
DIMETHYL PHTHALATE									
DI-N-BUTYL PHTHALATE									
DI-N-OCTYL PHTHALATE									
FLUORANTHENE	< 420	< 370	< 430	< 2100	< 380	< 7000	< 420	< 380	< 7400
FLUORENE	< 420	< 370	< 430	< 2100	< 380	< 7000	< 420	< 380	< 7400
HEXACHLOROBENZENE									
HEXACHLOROBUTADIENE									
HEXACHLOROCYCLOPENTADIENE									
HEXACHLOROETHANE									
INDENO(1,2,3-CD)PYRENE	< 420	< 370	< 430	< 2100	< 380	< 7000	< 420	< 380	< 7400
ISOPHORONE									
NAPHTHALENE	< 420	< 370	< 430	< 2100	< 380	< 7000	< 420	< 380	< 7400
NITROBENZENE									
N-NITROSODI-N-PROPYLAMINE									
N-NITROSODIPHENYLAMINE									
PENTACHLOROPHENOL									
PHENANTHRENE	< 420	< 370	< 430	< 2100	< 380	< 7000	< 420	< 380	< 7400
PHENOL									
PYRENE	< 420	< 370	< 430	< 2100	< 380	< 7000	< 420	< 380	< 7400

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.
Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 30: Soil SVOC/PAH Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-099 / 08-10 2000-05-21 Soil SW8270C µg/kg	GP01-099 / 12-14 2000-05-21 Soil SW8270C µg/kg	GP01-100 / 04-06 2000-05-20 Soil SW8270C µg/kg	GP01-100 / 08-10 2000-05-20 Soil SW8270C µg/kg	GP01-101 / 04-06 2000-05-20 Soil SW8270C µg/kg	GP01-101 / 08-10 2000-05-20 Soil SW8270C µg/kg	GP01-101 / 12-14 2000-05-20 Soil SW8270C µg/kg	GP01-102 / 04-06 2000-05-20 Soil SW8270C µg/kg	GP01-102 / 08-10 2000-05-20 Soil SW8270C µg/kg
1,1'-BIPHENYL									
1,2,4-TRICHLOROBENZENE									
1,2-DICHLOROBENZENE									
1,3-DICHLOROBENZENE									
1,4-DICHLOROBENZENE									
1-METHYLNAPHTHALENE	< 8300	< 7400	< 420	< 3900	< 420	< 400	< 370	< 420	< 410
2,2'-OXYBIS(1-CHLOROPROPANE)									
2,4,5-TRICHLOROPHENOL									
2,4,6-TRICHLOROPHENOL									
2,4-DICHLOROPHENOL									
2,4-DIMETHYLPHENOL									
2,4-DINITROPHENOL									
2,4-DINITROTOLUENE									
2,6-DINITROTOLUENE									
2-CHLORONAPHTHALENE									
2-CHLOROPHENOL									
2-METHYLNAPHTHALENE	< 8300	< 7400	< 420	< 3900	< 420	< 400	< 370	< 420	< 410
2-METHYLPHENOL									
2-NITROANILINE									
2-NITROPHENOL									
3,3'-DICHLOROBENZIDINE									
3-NITROANILINE									
4,6-DINITRO-2-METHYLPHENOL									
4-BROMOPHENYL PHENYL ETHER									
4-CHLORO-3-METHYLPHENOL									
4-CHLOROANILINE									
4-CHLOROPHENYL PHENYL ETHER									
4-METHYLPHENOL									
4-NITROANILINE									
4-NITROPHENOL									
ACENAPHTHENE	< 8300	< 7400	< 420	< 3900	< 420	< 400	< 370	< 420	< 410
ACENAPHTHYLENE	< 8300	< 7400	< 420	< 3900	< 420	< 400	< 370	< 420	< 410
ACETOPHENONE									
ANTHRACENE	< 8300	< 7400	< 420	< 3900	< 420	< 400	< 370	< 420	< 410
ATRAZINE									
BENZALDEHYDE									
BENZO(A)ANTHRACENE	< 8300	< 7400	< 420	< 3900	< 420	< 400	< 370	< 420	< 410
BENZO(A)PYRENE	< 8300	< 7400	< 420	< 3900	< 420	< 400	< 370	< 420	< 410
BENZO(B)FLUORANTHENE	< 8300	< 7400	< 420	< 3900	< 420	< 400	< 370	< 420	< 410
BENZO(GHI)PERYLENE	< 8300	< 7400	< 420	< 3900	< 420	< 400	< 370	< 420	< 410
BENZO(K)FLUORANTHENE	< 8300	< 7400	< 420	< 3900	< 420	< 400	< 370	< 420	< 410
BIS(2-CHLOROETHOXY)METHANE									
BIS(2-CHLOROETHYL) ETHER									
BIS(2-ETHYLHEXYL) PHTHALATE									
BUTYL BENZYL PHTHALATE									
CAPROLACTAM									
CARBAZOLE									
CHRYSENE	< 8300	< 7400	< 420	< 3900	< 420	< 400	< 370	< 420	< 410
DIBENZ(A,H)ANTHRACENE	< 8300	< 7400	< 420	< 3900	< 420	< 400	< 370	< 420	< 410
DIBENZOFURAN									
DIETHYL PHTHALATE									
DIMETHYL PHTHALATE									
DI-N-BUTYL PHTHALATE									
DI-N-OCTYL PHTHALATE									
FLUORANTHENE	< 8300	< 7400	< 420	< 3900	< 420	< 400	< 370	< 420	< 410
FLUORENE	< 8300	< 7400	< 420	< 3900	< 420	< 400	< 370	< 420	< 410
HEXACHLOROBENZENE									
HEXACHLOROBUTADIENE									
HEXACHLOROCYCLOPENTADIENE									
HEXACHLOROETHANE									
INDENO(1,2,3-CD)PYRENE	< 8300	< 7400	< 420	< 3900	< 420	< 400	< 370	< 420	< 410
ISOPHORONE									
NAPHTHALENE	< 8300	< 7400	< 420	< 3900	< 420	< 400	< 370	< 420	< 410
NITROBENZENE									
N-NITROSODI-N-PROPYLAMINE									
N-NITROSODIPHENYLAMINE									
PENTACHLOROPHENOL									
PHENANTHRENE	< 8300	< 7400	< 420	< 3900	< 420	< 400	< 370	< 420	< 410
PHENOL									
PYRENE	< 8300	< 7400	< 420	< 3900	< 420	< 400	< 370	< 420	< 410

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.
Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 30: Soil SVOC/PAH Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-103 / 04-06 2000-05-20 Soil SW8270C µg/kg	GP01-103 / 08-10 2000-05-20 Soil SW8270C µg/kg	GP01-104 / 04-06 2000-05-21 Soil SW8270C µg/kg	GP01-104 / 08-10 2000-05-21 Soil SW8270C µg/kg	GP01-104 / 12-14 2000-05-21 Soil SW8270C µg/kg	GP01-105 / 04-06 2000-05-22 Soil SW8270C µg/kg	GP01-105 / 08-10 2000-05-22 Soil SW8270C µg/kg	GP01-105 / 12-14 2000-05-22 Soil SW8270C µg/kg	GP01-106 / 04-06 2000-05-22 Soil SW8270C µg/kg
1,1'-BIPHENYL									
1,2,4-TRICHLOROBENZENE									
1,2-DICHLOROBENZENE									
1,3-DICHLOROBENZENE									
1,4-DICHLOROBENZENE									
1-METHYLNAPHTHALENE	< 410	< 390	< 350	< 390	< 360	< 410	< 370	< 360	< 410
2,2'-OXYBIS(1-CHLOROPROPANE)									
2,4,5-TRICHLOROPHENOL									
2,4,6-TRICHLOROPHENOL									
2,4-DICHLOROPHENOL									
2,4-DIMETHYLPHENOL									
2,4-DINITROPHENOL									
2,4-DINITROTOLUENE									
2,6-DINITROTOLUENE									
2-CHLORONAPHTHALENE									
2-CHLOROPHENOL									
2-METHYLNAPHTHALENE	< 410	< 390	< 350	< 390	< 360	< 410	< 370	< 360	< 410
2-METHYLPHENOL									
2-NITROANILINE									
2-NITROPHENOL									
3,3'-DICHLOROBENZIDINE									
3-NITROANILINE									
4,6-DINITRO-2-METHYLPHENOL									
4-BROMOPHENYL PHENYL ETHER									
4-CHLORO-3-METHYLPHENOL									
4-CHLOROANILINE									
4-CHLOROPHENYL PHENYL ETHER									
4-METHYLPHENOL									
4-NITROANILINE									
4-NITROPHENOL									
ACENAPHTHENE	< 410	< 390	< 350	< 390	< 360	< 410	< 370	< 360	< 410
ACENAPHTHYLENE	< 410	< 390	< 350	< 390	< 360	< 410	< 370	< 360	< 410
ACETOPHENONE									
ANTHRACENE	< 410	< 390	< 350	< 390	< 360	< 410	< 370	< 360	< 410
ATRAZINE									
BENZALDEHYDE									
BENZO(A)ANTHRACENE	< 410	< 390	< 350	< 390	< 360	< 410	< 370	< 360	< 410
BENZO(A)PYRENE	< 410	< 390	< 350	< 390	< 360	< 410	< 370	< 360	< 410
BENZO(B)FLUORANTHENE	< 410	< 390	< 350	< 390	< 360	< 410	< 370	< 360	< 410
BENZO(GHI)PERYLENE	< 410	< 390	< 350	< 390	< 360	< 410	< 370	< 360	< 410
BENZO(K)FLUORANTHENE	< 410	< 390	< 350	< 390	< 360	< 410	< 370	< 360	< 410
BIS(2-CHLOROETHOXY)METHANE									
BIS(2-CHLOROETHYL) ETHER									
BIS(2-ETHYLHEXYL) PHTHALATE									
BUTYL BENZYL PHTHALATE									
CAPROLACTAM									
CARBAZOLE									
CHRYSENE	< 410	< 390	< 350	< 390	< 360	< 410	< 370	< 360	< 410
DIBENZ(A,H)ANTHRACENE	< 410	< 390	< 350	< 390	< 360	< 410	< 370	< 360	< 410
DIBENZOFURAN									
DIETHYL PHTHALATE									
DIMETHYL PHTHALATE									
DI-N-BUTYL PHTHALATE									
DI-N-OCTYL PHTHALATE									
FLUORANTHENE	< 410	< 390	< 350	< 390	< 360	< 410	< 370	< 360	< 410
FLUORENE	< 410	< 390	< 350	< 390	< 360	< 410	< 370	< 360	< 410
HEXACHLOROBENZENE									
HEXACHLOROBUTADIENE									
HEXACHLOROCYCLOPENTADIENE									
HEXACHLOROETHANE									
INDENO(1,2,3-CD)PYRENE	< 410	< 390	< 350	< 390	< 360	< 410	< 370	< 360	< 410
ISOPHORONE									
NAPHTHALENE	< 410	< 390	< 350	< 390	< 360	< 410	< 370	< 360	< 410
NITROBENZENE									
N-NITROSODI-N-PROPYLAMINE									
N-NITROSODIPHENYLAMINE									
PENTACHLOROPHENOL									
PHENANTHRENE	< 410	< 390	< 350	< 390	< 360	< 410	< 370	< 360	< 410
PHENOL									
PYRENE	< 410	< 390	< 350	< 390	< 360	< 410	< 370	< 360	< 410

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 30: Soil SVOC/PAH Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-106 / 08-10 2000-05-22 Soil SW8270C µg/kg	GP01-106 / 12-14 2000-05-22 Soil SW8270C µg/kg	GP01-107 / 04-06 2000-05-22 Soil SW8270C µg/kg	GP01-108 / 04-06 2000-05-22 Soil SW8270C µg/kg	GP01-108 / 08-10 2000-05-22 Soil SW8270C µg/kg	GP01-112 / 00-02 2003-11-12 Soil SW8270C µg/kg	GP01-112 / 11-14 2003-11-12 Soil SW8270C µg/kg	GP01-113 / 00-02 2003-11-13 Soil SW8270C µg/kg	GP01-113 / 06-08 DUP 2003-11-14 Soil SW8270C µg/kg
1,1'-BIPHENYL						< 380	< 370	< 380	< 360
1,2,4-TRICHLOROBENZENE									
1,2-DICHLOROBENZENE									
1,3-DICHLOROBENZENE									
1,4-DICHLOROBENZENE									
1-METHYLNAPHTHALENE	< 380	< 370	< 440	< 400	< 370				
2,2'-OXYBIS(1-CHLOROPROPANE)						< 380	< 370	< 380	< 360
2,4,5-TRICHLOROPHENOL						< 380	< 370	< 380	< 360
2,4,6-TRICHLOROPHENOL						< 380	< 370	< 380	< 360
2,4-DICHLOROPHENOL						< 380	< 370	< 380	< 360
2,4-DIMETHYLPHENOL						< 380	< 370	< 380	< 360
2,4-DINITROPHENOL						< 1800	< 1800	< 1800	< 1800
2,4-DINITROTOLUENE						< 380	< 370	< 380	< 360
2,6-DINITROTOLUENE						< 380	< 370	< 380	< 360
2-CHLORONAPHTHALENE						< 380	< 370	< 380	< 360
2-CHLOROPHENOL						< 380	< 370	< 380	< 360
2-METHYLNAPHTHALENE	< 380	< 370	< 440	< 400	< 370	< 380	< 370	< 380	< 360
2-METHYLPHENOL						< 380	< 370	< 380	< 360
2-NITROANILINE						< 1800	< 1800	< 1800	< 1800
2-NITROPHENOL						< 380	< 370	< 380	< 360
3,3'-DICHLOROBENZIDINE						< 1800	< 1800	< 1800	< 1800
3-NITROANILINE						< 1800	< 1800	< 1800	< 1800
4,6-DINITRO-2-METHYLPHENOL						< 1800	< 1800	< 1800	< 1800
4-BROMOPHENYL PHENYL ETHER						< 380	< 370	< 380	< 360
4-CHLORO-3-METHYLPHENOL						< 380	< 370	< 380	< 360
4-CHLOROANILINE						< 380	< 370	< 380	< 360
4-CHLOROPHENYL PHENYL ETHER						< 380	< 370	< 380	< 360
4-METHYLPHENOL						< 380	< 370	< 380	< 360
4-NITROANILINE						< 1800	< 1800	< 1800	< 1800
4-NITROPHENOL						< 1800	< 1800	< 1800	< 1800
ACENAPHTHENE	< 380	< 370	< 440	< 400	< 370	< 380	< 370	< 380	< 360
ACENAPHTHYLENE	< 380	< 370	< 440	< 400	< 370	< 380	< 370	< 380	< 360
ACETOPHENONE						< 380	< 370	< 380	< 360
ANTHRACENE	< 380	< 370	< 440	< 400	< 370	< 380	< 370	42 J	< 360
ATRAZINE						< 380	< 370	< 380	< 360
BENZALDEHYDE						< 380	< 370	< 380	< 360
BENZO(A)ANTHRACENE	< 380	< 370	< 440	< 400	< 370	77 J	< 370	230 J	< 360
BENZO(A)PYRENE	< 380	< 370	< 440	< 400	< 370	100 J	< 370	290 J	< 360
BENZO(B)FLUORANTHENE	< 380	< 370	< 440	< 400	< 370	140 J	< 370	330 J	< 360
BENZO(GHI)PERYLENE	< 380	< 370	< 440	< 400	< 370	67 J	< 370	200 J	< 360
BENZO(K)FLUORANTHENE	< 380	< 370	< 440	< 400	< 370	46 J	< 370	150 J	< 360
BIS(2-CHLOROETHOXY)METHANE						< 380	< 370	< 380	< 360
BIS(2-CHLOROETHYL) ETHER						< 380	< 370	< 380	< 360
BIS(2-ETHYLHEXYL) PHTHALATE						< 380	< 370	< 380	< 360
BUTYL BENZYL PHTHALATE						< 380	< 370	< 380	< 360
CAPROLACTAM						< 380	< 370	< 380	< 360
CARBAZOLE						< 380	< 370	< 380	< 360
CHRYSENE	< 380	< 370	< 440	< 400	< 370	100 J	< 370	260 J	< 360
DIBENZ(A,H)ANTHRACENE	< 380	< 370	< 440	< 400	< 370	< 380	< 370	52 J	< 360
DIBENZOFURAN						< 380	< 370	< 380	< 360
DIETHYL PHTHALATE						< 380	< 370	< 380	< 360
DIMETHYL PHTHALATE						< 380	< 370	< 380	< 360
DI-N-BUTYL PHTHALATE						< 380	< 370	< 380	< 360
DI-N-OCTYL PHTHALATE						< 380	< 370	< 380	< 360
FLUORANTHENE	< 380	< 370	< 440	< 400	< 370	200 J	< 370	450	< 360
FLUORENE	< 380	< 370	< 440	< 400	< 370	< 380	< 370	< 380	< 360
HEXACHLOROBENZENE						< 380	< 370	< 380	< 360
HEXACHLOROBUTADIENE						< 380	< 370	< 380	< 360
HEXACHLOROCYCLOPENTADIENE						< 1800	< 1800	< 1800	< 1800
HEXACHLOROETHANE						< 380	< 370	< 380	< 360
INDENO(1,2,3-CD)PYRENE	< 380	< 370	< 440	< 400	< 370	63 J	< 370	180 J	< 360
ISOPHORONE						< 380	< 370	< 380	< 360
NAPHTHALENE	< 380	< 370	< 440	< 400	< 370	< 380	< 370	< 380	< 360
NITROBENZENE						< 380	< 370	< 380	< 360
N-NITROSODI-N-PROPYLAMINE						< 380	< 370	< 380	< 360
N-NITROSODIPHENYLAMINE						< 380	< 370	< 380	< 360
PENTACHLOROPHENOL						< 380	< 370	< 380	< 360
PHENANTHRENE	< 380	< 370	< 440	< 400	< 370	79 J	< 370	220 J	< 360
PHENOL						< 380	< 370	< 380	< 360
PYRENE	< 380	< 370	< 440	< 400	< 370	150 J	< 370	420	< 360

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 30: Soil SVOC/PAH Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-113 / 06-08 2003-11-14 Soil SW8270C µg/kg	GP01-114 / 00-02 2003-11-13 Soil SW8270C µg/kg	GP01-114 / 07-08_5 2003-11-14 Soil SW8270C µg/kg	GP01-115 / 05-07 2003-11-14 Soil SW8270C µg/kg	GP01-115 / 11-12_5 2003-11-14 Soil SW8270C µg/kg	GP01-116 / 00-02 2003-11-13 Soil SW8270C µg/kg	GP01-116 / 08-10 2003-11-14 Soil SW8270C µg/kg	GP01-117 / 00-02 2003-11-13 Soil SW8270C µg/kg	GP01-117 / 10-12 2003-11-14 Soil SW8270C µg/kg
1,1'-BIPHENYL	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
1,2,4-TRICHLOROBENZENE									
1,2-DICHLOROBENZENE									
1,3-DICHLOROBENZENE									
1,4-DICHLOROBENZENE									
1-METHYLNAPHTHALENE									
2,2'-OXYBIS(1-CHLOROPROPANE)	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
2,4,5-TRICHLOROPHENOL	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
2,4,6-TRICHLOROPHENOL	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
2,4-DICHLOROPHENOL	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
2,4-DIMETHYLPHENOL	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
2,4-DINITROPHENOL	< 1800	< 1900	< 1900	< 1900	< 1800	< 2000	< 1800	< 2000	< 1800
2,4-DINITROTOLUENE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
2,6-DINITROTOLUENE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
2-CHLORONAPHTHALENE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
2-CHLOROPHENOL	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
2-METHYLNAPHTHALENE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
2-METHYLPHENOL	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
2-NITROANILINE	< 1800	< 1900	< 1900	< 1900	< 1800	< 2000	< 1800	< 2000	< 1800
2-NITROPHENOL	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
3,3'-DICHLOROBENZIDINE	< 1800	< 1900	< 1900	< 1900	< 1800	< 2000	< 1800	< 2000	< 1800
3-NITROANILINE	< 1800	< 1900	< 1900	< 1900	< 1800	< 2000	< 1800	< 2000	< 1800
4,6-DINITRO-2-METHYLPHENOL	< 1800	< 1900	< 1900	< 1900	< 1800	< 2000	< 1800	< 2000	< 1800
4-BROMOPHENYL PHENYL ETHER	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
4-CHLORO-3-METHYLPHENOL	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
4-CHLOROANILINE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
4-CHLOROPHENYL PHENYL ETHER	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
4-METHYLPHENOL	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
4-NITROANILINE	< 1800	< 1900	< 1900	< 1900	< 1800	< 2000	< 1800	< 2000	< 1800
4-NITROPHENOL	< 1800	< 1900	< 1900	< 1900	< 1800	< 2000	< 1800	< 2000	< 1800
ACENAPHTHENE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
ACENAPHTHYLENE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
ACETOPHENONE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
ANTHRACENE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
ATRAZINE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
BENZALDEHYDE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
BENZO(A)ANTHRACENE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
BENZO(A)PYRENE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
BENZO(B)FLUORANTHENE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
BENZO(GHI)PERYLENE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
BENZO(K)FLUORANTHENE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
BIS(2-CHLOROETHOXY)METHANE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
BIS(2-CHLOROETHYL) ETHER	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
BIS(2-ETHYLHEXYL) PHTHALATE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	160 J	< 370
BUTYL BENZYL PHTHALATE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
CAPROLACTAM	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
CARBAZOLE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
CHRYSENE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
DIBENZ(A,H)ANTHRACENE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
DIBENZOFURAN	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
DIETHYL PHTHALATE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
DIMETHYL PHTHALATE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
DI-N-BUTYL PHTHALATE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
DI-N-OCTYL PHTHALATE	< 370	< 400	< 390	< 390	66 J	< 410	< 370	< 420	< 370
FLUORANTHENE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
FLUORENE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
HEXACHLOROBENZENE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
HEXACHLOROBUTADIENE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
HEXACHLOROCYCLOPENTADIENE	< 1800	< 1900	< 1900	< 1900	< 1800	< 2000	< 1800	< 2000	< 1800
HEXACHLOROETHANE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
INDENO(1,2,3-CD)PYRENE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
ISOPHORONE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
NAPHTHALENE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
NITROBENZENE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
N-NITROSODI-N-PROPYLAMINE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
N-NITROSODIPHENYLAMINE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
PENTACHLOROPHENOL	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
PHENANTHRENE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
PHENOL	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370
PYRENE	< 370	< 400	< 390	< 390	< 370	< 410	< 370	< 420	< 370

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 30: Soil SVOC/PAH Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-118 / 06-08 2003-11-14 Soil SW8270C µg/kg	GP01-119 / 10-12 2003-11-14 Soil SW8270C µg/kg	GP01-120 / 05-07 2003-11-14 Soil SW8270C µg/kg	GP01-121 / 08-10 2003-11-14 Soil SW8270C µg/kg	GP01-121 / 14-16 2003-11-14 Soil SW8270C µg/kg	GP01-122 / 03-05 2003-11-21 Soil SW8270C µg/kg	GP01-122 / 19-20 2003-11-21 Soil SW8270C µg/kg	GP01-123 / 00-02 DUP 2003-11-21 Soil SW8270C µg/kg	GP01-123 / 08-10 2003-11-21 Soil SW8270C µg/kg
1,1'-BIPHENYL	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
1,2,4-TRICHLOROBENZENE									
1,2-DICHLOROBENZENE									
1,3-DICHLOROBENZENE									
1,4-DICHLOROBENZENE									
1-METHYLNAPHTHALENE									
2,2'-OXYBIS(1-CHLOROPROPANE)	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
2,4,5-TRICHLOROPHENOL	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
2,4,6-TRICHLOROPHENOL	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
2,4-DICHLOROPHENOL	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
2,4-DIMETHYLPHENOL	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
2,4-DINITROPHENOL	< 1800	< 1800	< 2000	< 1900	< 1800	< 2000	< 1800	< 2000	< 2100
2,4-DINITROTOLUENE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
2,6-DINITROTOLUENE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
2-CHLORONAPHTHALENE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
2-CHLOROPHENOL	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
2-METHYLNAPHTHALENE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
2-METHYLPHENOL	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
2-NITROANILINE	< 1800	< 1800	< 2000	< 1900	< 1800	< 2000	< 1800	< 2000	< 2100
2-NITROPHENOL	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
3,3'-DICHLOROBENZIDINE	< 1800	< 1800	< 2000	< 1900	< 1800	< 2000	< 1800	< 2000	< 2100
3-NITROANILINE	< 1800	< 1800	< 2000	< 1900	< 1800	< 2000	< 1800	< 2000	< 2100
4,6-DINITRO-2-METHYLPHENOL	< 1800	< 1800	< 2000	< 1900	< 1800	< 2000	< 1800	< 2000	< 2100
4-BROMOPHENYL PHENYL ETHER	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
4-CHLORO-3-METHYLPHENOL	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
4-CHLOROANILINE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
4-CHLOROPHENYL PHENYL ETHER	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
4-METHYLPHENOL	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
4-NITROANILINE	< 1800	< 1800	< 2000	< 1900	< 1800	< 2000	< 1800	< 2000	< 2100
4-NITROPHENOL	< 1800	< 1800	< 2000	< 1900	< 1800	< 2000	< 1800	< 2000	< 2100
ACENAPHTHENE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
ACENAPHTHYLENE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
ACETOPHENONE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
ANTHRACENE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
ATRAZINE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
BENZALDEHYDE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
BENZO(A)ANTHRACENE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
BENZO(A)PYRENE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
BENZO(B)FLUORANTHENE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
BENZO(GHI)PERYLENE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
BENZO(K)FLUORANTHENE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
BIS(2-CHLOROETHOXY)METHANE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
BIS(2-CHLOROETHYL) ETHER	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
BIS(2-ETHYLHEXYL) PHTHALATE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	31 J	< 430
BUTYL BENZYL PHTHALATE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
CAPROLACTAM	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
CARBAZOLE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
CHRYSENE	< 370	< 370	< 420	< 390	< 360	22 J	< 370	< 410	< 430
DIBENZ(A,H)ANTHRACENE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
DIBENZOFURAN	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
DIETHYL PHTHALATE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
DIMETHYL PHTHALATE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
DI-N-BUTYL PHTHALATE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
DI-N-OCTYL PHTHALATE	< 370	69 J	< 420	< 390	< 360	< 410	< 370	< 410	< 430
FLUORANTHENE	< 370	< 370	< 420	< 390	< 360	35 J	< 370	< 410	< 430
FLUORENE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
HEXACHLOROBENZENE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
HEXACHLOROBUTADIENE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
HEXACHLOROCYCLOPENTADIENE	< 1800	< 1800	< 2000	< 1900	< 1800	< 2000	< 1800	< 2000	< 2100
HEXACHLOROETHANE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
INDENO(1,2,3-CD)PYRENE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
ISOPHORONE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
NAPHTHALENE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
NITROBENZENE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
N-NITROSODI-N-PROPYLAMINE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
N-NITROSODIPHENYLAMINE	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
PENTACHLOROPHENOL	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
PHENANTHRENE	< 370	< 370	< 420	< 390	< 360	25 J	< 370	< 410	< 430
PHENOL	< 370	< 370	< 420	< 390	< 360	< 410	< 370	< 410	< 430
PYRENE	< 370	< 370	< 420	< 390	< 360	35 J	< 370	< 410	28 J

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 30: Soil SVOC/PAH Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-123 / 14-16 2003-11-21 Soil SW8270C µg/kg	GP01-136 / 00-02 2004-01-21 Soil SW8270C µg/kg	GP01-136 / 02-04 2004-01-21 Soil SW8270C µg/kg	GP01-137 / 00-02 2004-01-22 Soil SW8270C µg/kg	GP01-137 / 02-04 2004-01-22 Soil SW8270C µg/kg	GP01-138 / 01-02 2004-01-27 Soil SW8270C µg/kg	GP01-138 / 04-06 2004-01-27 Soil SW8270C µg/kg	GP01-139 / 01-02 2004-01-27 Soil SW8270C µg/kg	GP01-139 / 06-08 2004-01-27 Soil SW8270C µg/kg
1,1'-BIPHENYL	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
1,2,4-TRICHLOROBENZENE									
1,2-DICHLOROBENZENE									
1,3-DICHLOROBENZENE									
1,4-DICHLOROBENZENE									
1-METHYLNAPHTHALENE									
2,2'-OXYBIS(1-CHLOROPROPANE)	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
2,4,5-TRICHLOROPHENOL	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
2,4,6-TRICHLOROPHENOL	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
2,4-DICHLOROPHENOL	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
2,4-DIMETHYLPHENOL	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
2,4-DINITROPHENOL	< 1800	< 2000	< 2000	< 11000	< 6900	< 1600	< 1900	< 1800	< 2000
2,4-DINITROTOLUENE	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
2,6-DINITROTOLUENE	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
2-CHLORONAPHTHALENE	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
2-CHLOROPHENOL	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
2-METHYLNAPHTHALENE	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
2-METHYLPHENOL	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
2-NITROANILINE	< 1800	< 2000	< 2000	< 11000	< 6900	< 1600	< 1900	< 1800	< 2000
2-NITROPHENOL	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
3,3'-DICHLOROBENZIDINE	< 1800	< 2000	< 2000	< 11000	< 6900	< 1600	< 1900	< 1800	< 2000
3-NITROANILINE	< 1800	< 2000	< 2000	< 11000	< 6900	< 1600	< 1900	< 1800	< 2000
4,6-DINITRO-2-METHYLPHENOL	< 1800	< 2000	< 2000	< 11000	< 6900	< 1600	< 1900	< 1800	< 2000
4-BROMOPHENYL PHENYL ETHER	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
4-CHLORO-3-METHYLPHENOL	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
4-CHLOROANILINE	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
4-CHLOROPHENYL PHENYL ETHER	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
4-METHYLPHENOL	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
4-NITROANILINE	< 1800	< 2000	< 2000	< 11000	< 6900	< 1600	< 1900	< 1800	< 2000
4-NITROPHENOL	< 1800	< 2000	< 2000	< 11000	< 6900	< 1600	< 1900	< 1800	< 2000
ACENAPHTHENE	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
ACENAPHTHYLENE	< 370	< 410	< 400	440 J	390 J	< 340	< 400	< 380	< 400
ACETOPHENONE	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
ANTHRACENE	< 370	< 410	27 J	250 J	200 J	< 340	< 400	< 380	< 400
ATRAZINE	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
BENZALDEHYDE	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
BENZO(A)ANTHRACENE	< 370	50 J	66 J	2400	2200	< 340	< 400	< 380	< 400
BENZO(A)PYRENE	< 370	61 J	70 J	3300	2900	< 340	< 400	< 380	< 400
BENZO(B)FLUORANTHENE	< 370	83 J	92 J	4100	3900	< 340	< 400	< 380	< 400
BENZO(GHI)PERYLENE	< 370	43 J	44 J	2100 J	1800	< 340	< 400	< 380	< 400
BENZO(K)FLUORANTHENE	< 370	29 J	49 J	2100 J	1700	< 340	< 400	< 380	< 400
BIS(2-CHLOROETHOXY)METHANE	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
BIS(2-CHLOROETHYL) ETHER	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
BIS(2-ETHYLHEXYL) PHTHALATE	< 370	< 410	< 400	< 2200	190 J	170 J	< 400	< 380	72 J
BUTYL BENZYL PHTHALATE	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
CAPROLACTAM	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
CARBAZOLE	< 370	< 410	< 400	180 J	< 1400	< 340	< 400	< 380	< 400
CHRYSENE	< 370	63 J	85 J	3000	2400	< 340	< 400	< 380	< 400
DIBENZ(A,H)ANTHRACENE	< 370	< 410	< 400	900 J	810 J	< 340	< 400	< 380	< 400
DIBENZOFURAN	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
DIETHYL PHTHALATE	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
DIMETHYL PHTHALATE	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
DI-N-BUTYL PHTHALATE	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
DI-N-OCTYL PHTHALATE	< 370	< 410	< 400	< 2200	160 J	< 340	< 400	< 380	< 400
FLUORANTHENE	< 370	120 J	180 J	4800	3200	< 340	< 400	< 380	< 400
FLUORENE	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
HEXACHLOROBENZENE	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
HEXACHLOROBUTADIENE	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
HEXACHLOROCYCLOPENTADIENE	< 1800	< 2000	< 2000	< 11000	< 6900	< 1600	< 1900	< 1800	< 2000
HEXACHLOROETHANE	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
INDENO(1,2,3-CD)PYRENE	< 370	38 J	41 J	1900 J	1700	< 340	< 400	< 380	< 400
ISOPHORONE	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
NAPHTHALENE	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
NITROBENZENE	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
N-NITROSODI-N-PROPYLAMINE	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
N-NITROSODIPHENYLAMINE	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
PENTACHLOROPHENOL	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
PHENANTHRENE	< 370	48 J	110 J	1800 J	680 J	< 340	< 400	< 380	< 400
PHENOL	< 370	< 410	< 400	< 2200	< 1400	< 340	< 400	< 380	< 400
PYRENE	< 370	99 J	140 J	4700	3200	< 340	< 400	< 380	< 400

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 30: Soil SVOC/PAH Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-140 / 01-02 2004-01-27 Soil SW8270C µg/kg	GP01-140 / 07-08 2004-01-27 Soil SW8270C µg/kg	GP01-144 / 05-06 2004-02-06 Soil SW8270C µg/kg	GP01-144 / 08-10 2004-02-06 Soil SW8270C µg/kg	GP01-146 / 02-04 2004-02-04 Soil SW8270C µg/kg	GP01-146 / 06-08 2004-02-04 Soil SW8270C µg/kg	GP01-147 / 02-04 DUP 2004-02-04 Soil SW8270C µg/kg	GP01-147 / 02-04 2004-02-04 Soil SW8270C µg/kg	GP01-147 / 06-08 2004-02-04 Soil SW8270C µg/kg
1,1'-BIPHENYL	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
1,2,4-TRICHLOROBENZENE									
1,2-DICHLOROBENZENE									
1,3-DICHLOROBENZENE									
1,4-DICHLOROBENZENE									
1-METHYLNAPHTHALENE									
2,2'-OXYBIS(1-CHLOROPROPANE)	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
2,4,5-TRICHLOROPHENOL	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
2,4,6-TRICHLOROPHENOL	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
2,4-DICHLOROPHENOL	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
2,4-DIMETHYLPHENOL	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
2,4-DINITROPHENOL	< 40000	< 82000	< 2100	< 1900	< 2100	< 1800	< 2000	< 2200	< 2000
2,4-DINITROTOLUENE	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
2,6-DINITROTOLUENE	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
2-CHLORONAPHTHALENE	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
2-CHLOROPHENOL	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
2-METHYLNAPHTHALENE	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
2-METHYLPHENOL	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
2-NITROANILINE	< 40000	< 82000	< 2100	< 1900	< 2100	< 1800	< 2000	< 2200	< 2000
2-NITROPHENOL	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
3,3'-DICHLOROBENZIDINE	< 40000	< 82000	< 2100	< 1900	< 2100	< 1800	< 2000	< 2200	< 2000
3-NITROANILINE	< 40000	< 82000	< 2100	< 1900	< 2100	< 1800	< 2000	< 2200	< 2000
4,6-DINITRO-2-METHYLPHENOL	< 40000	< 82000	< 2100	< 1900	< 2100	< 1800	< 2000	< 2200	< 2000
4-BROMOPHENYL PHENYL ETHER	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
4-CHLORO-3-METHYLPHENOL	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
4-CHLOROANILINE	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
4-CHLOROPHENYL PHENYL ETHER	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
4-METHYLPHENOL	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
4-NITROANILINE	< 40000	< 82000	< 2100	< 1900	< 2100	< 1800	< 2000	< 2200	< 2000
4-NITROPHENOL	< 40000	< 82000	< 2100	< 1900	< 2100	< 1800	< 2000	< 2200	< 2000
ACENAPHTHENE	< 8200	< 17000	93 J	< 400	< 420	< 370	< 410	< 450	< 410
ACENAPHTHYLENE	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
ACETOPHENONE	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
ANTHRACENE	< 8200	< 17000	44 J	< 400	< 420	< 370	< 410	< 450	< 410
ATRAZINE	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
BENZALDEHYDE	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
BENZO(A)ANTHRACENE	< 8200	< 17000	100 J	28 J	< 420	< 370	21 J	< 450	< 410
BENZO(A)PYRENE	< 8200	< 17000	91 J	< 400	< 420	< 370	31 J	< 450	< 410
BENZO(B)FLUORANTHENE	< 8200	< 17000	120 J	< 400	< 420	< 370	46 J	< 450	< 410
BENZO(GHI)PERYLENE	< 8200	< 17000	50 J	< 400	< 420	< 370	< 410	< 450	< 410
BENZO(K)FLUORANTHENE	< 8200	< 17000	49 J	< 400	< 420	< 370	< 410	< 450	< 410
BIS(2-CHLOROETHOXY)METHANE	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
BIS(2-CHLOROETHYL) ETHER	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
BIS(2-ETHYLHEXYL) PHTHALATE	1800 J	3300 J	< 430	200 J	110 J	< 370	< 410	< 450	55 J
BUTYL BENZYL PHTHALATE	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
CAPROLACTAM	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
CARBAZOLE	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
CHRYSENE	< 8200	< 17000	110 J	28 J	< 420	< 370	33 J	< 450	< 410
DIBENZ(A,H)ANTHRACENE	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
DIBENZOFURAN	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
DIETHYL PHTHALATE	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
DIMETHYL PHTHALATE	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
DI-N-BUTYL PHTHALATE	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
DI-N-OCTYL PHTHALATE	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
FLUORANTHENE	< 8200	< 17000	250 J	54 J	< 420	< 370	58 J	< 450	< 410
FLUORENE	< 8200	< 17000	36 J	< 400	< 420	< 370	< 410	< 450	< 410
HEXACHLOROBENZENE	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
HEXACHLOROBUTADIENE	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
HEXACHLOROCYCLOPENTADIENE	< 40000	< 82000	< 2100	< 1900	< 2100	< 1800	< 2000	< 2200	< 2000
HEXACHLOROETHANE	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
INDENO(1,2,3-CD)PYRENE	< 8200	< 17000	43 J	< 400	< 420	< 370	< 410	< 450	< 410
ISOPHORONE	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
NAPHTHALENE	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
NITROBENZENE	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
N-NITROSODI-N-PROPYLAMINE	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
N-NITROSODIPHENYLAMINE	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
PENTACHLOROPHENOL	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
PHENANTHRENE	< 8200	< 17000	170 J	58 J	< 420	< 370	< 410	< 450	< 410
PHENOL	< 8200	< 17000	< 430	< 400	< 420	< 370	< 410	< 450	< 410
PYRENE	< 8200	< 17000	190 J	55 J	< 420	< 370	45 J	< 450	< 410

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 30: Soil SVOC/PAH Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-148 / 02-04 2004-02-05 Soil SW8270C µg/kg	GP01-148 / 06-08 2004-02-05 Soil SW8270C µg/kg	GP01-149 / 02-04 2004-02-04 Soil SW8270C µg/kg	GP01-149 / 06-08 2004-02-04 Soil SW8270C µg/kg	GP02-005 / 10-12 1998-12-22 Soil SW8310 µg/kg	GP02-077 / 00-02 2003-11-12 Soil SW8270C µg/kg	GP02-077 / 11-14 2003-11-12 Soil SW8270C µg/kg	RW01-04 / 06-08 CONF 2004-01-29 Soil SW8310 µg/kg	RW01-04 / 06-08 1999-01-27 Soil SW8310 µg/kg
1,1'-BIPHENYL	< 420	< 370	< 410	< 380		< 370	< 360		
1,2,4-TRICHLOROBENZENE									
1,2-DICHLOROBENZENE									
1,3-DICHLOROBENZENE									
1,4-DICHLOROBENZENE									
1-METHYLNAPHTHALENE					< 100				< 100 uj
2,2'-OXYBIS(1-CHLOROPROPANE)	< 420	< 370	< 410	< 380		< 370	< 360		
2,4,5-TRICHLOROPHENOL	< 420	< 370	< 410	< 380		< 370	< 360		
2,4,6-TRICHLOROPHENOL	< 420	< 370	< 410	< 380		< 370	< 360		
2,4-DICHLOROPHENOL	< 420	< 370	< 410	< 380		< 370	< 360		
2,4-DIMETHYLPHENOL	< 420	< 370	< 410	< 380		< 370	< 360		
2,4-DINITROPHENOL	< 2000	< 1800	< 2000	< 1800		< 1800	< 1800		
2,4-DINITROTOLUENE	< 420	< 370	< 410	< 380		< 370	< 360		
2,6-DINITROTOLUENE	< 420	< 370	< 410	< 380		< 370	< 360		
2-CHLORONAPHTHALENE	< 420	< 370	< 410	< 380		< 370	< 360		
2-CHLOROPHENOL	< 420	< 370	< 410	< 380		< 370	< 360		
2-METHYLNAPHTHALENE	< 420	< 370	< 410	< 380	< 100	< 370	< 360		< 100 uj
2-METHYLPHENOL	< 420	< 370	< 410	< 380		< 370	< 360		
2-NITROANILINE	< 2000	< 1800	< 2000	< 1800		< 1800	< 1800		
2-NITROPHENOL	< 420	< 370	< 410	< 380		< 370	< 360		
3,3'-DICHLOROBENZIDINE	< 2000	< 1800	< 2000	< 1800		< 1800	< 1800		
3-NITROANILINE	< 2000	< 1800	< 2000	< 1800		< 1800	< 1800		
4,6-DINITRO-2-METHYLPHENOL	< 2000	< 1800	< 2000	< 1800		< 1800	< 1800		
4-BROMOPHENYL PHENYL ETHER	< 420	< 370	< 410	< 380		< 370	< 360		
4-CHLORO-3-METHYLPHENOL	< 420	< 370	< 410	< 380		< 370	< 360		
4-CHLOROANILINE	< 420	< 370	< 410	< 380		< 370	< 360		
4-CHLOROPHENYL PHENYL ETHER	< 420	< 370	< 410	< 380		< 370	< 360		
4-METHYLPHENOL	< 420	< 370	< 410	< 380		< 370	< 360		
4-NITROANILINE	< 2000	< 1800	< 2000	< 1800		< 1800	< 1800		
4-NITROPHENOL	< 2000	< 1800	< 2000	< 1800		< 1800	< 1800		
ACENAPHTHENE	< 420	< 370	< 410	< 380	< 100	< 370	< 360	< 40	< 100 uj
ACENAPHTHYLENE	< 420	< 370	< 410	< 380	< 100	94 J	< 360	< 40	< 100 uj
ACETOPHENONE	< 420	< 370	< 410	< 380		< 370	< 360		
ANTHRACENE	< 420	< 370	< 410	< 380	< 100	49 J	< 360	< 7.8	< 100 uj
ATRAZINE	< 420	< 370	< 410	< 380		< 370	< 360		
BENZALDEHYDE	< 420	< 370	< 410	< 380		< 370	< 360		
BENZO(A)ANTHRACENE	< 420	< 370	< 410	< 380	< 5	640	< 360	< 7.8	< 5 uj
BENZO(A)PYRENE	< 420	< 370	< 410	< 380	< 5	910	< 360	< 7.8	< 5 uj
BENZO(B)FLUORANTHENE	< 420	< 370	< 410	< 380	< 5	1100	< 360	3.9 J	< 5 uj
BENZO(GHI)PERYLENE	< 420	< 370	< 410	< 380	< 10	590	< 360	< 7.8	< 10 uj
BENZO(K)FLUORANTHENE	< 420	< 370	< 410	< 380	< 1.7	480	< 360	< 7.8	< 1.7 uj
BIS(2-CHLOROETHOXY)METHANE	< 420	< 370	< 410	< 380		< 370	< 360		
BIS(2-CHLOROETHYL) ETHER	< 420	< 370	< 410	< 380		< 370	< 360		
BIS(2-ETHYLHEXYL) PHTHALATE	< 420	< 370	< 410	< 380		< 370	< 360		
BUTYL BENZYL PHTHALATE	< 420	< 370	< 410	< 380		< 370	< 360		
CAPROLACTAM	< 420	< 370	< 410	< 380		< 370	< 360		
CARBAZOLE	< 420	< 370	< 410	< 380		< 370	< 360		
CHRYSENE	< 420	< 370	< 410	< 380	< 5	830	< 360	2.4 J	< 5 uj
DIBENZ(A,H)ANTHRACENE	< 420	< 370	< 410	< 380	< 5	170 J	< 360	< 7.8	< 5 uj
DIBENZOFURAN	< 420	< 370	< 410	< 380		< 370	< 360		
DIETHYL PHTHALATE	< 420	< 370	< 410	< 380		< 370	< 360		
DIMETHYL PHTHALATE	< 420	< 370	< 410	< 380		< 370	< 360		
DI-N-BUTYL PHTHALATE	< 420	< 370	< 410	< 380		< 370	< 360		
DI-N-OCTYL PHTHALATE	< 420	< 370	< 410	< 380		< 370	< 360		
FLUORANTHENE	37 J	< 370	35 J	< 380	< 10	1300	< 360	3.1 J	< 10 uj
FLUORENE	< 420	< 370	< 410	< 380	< 100	< 370	< 360	< 7.8	< 100 uj
HEXACHLOROBENZENE	< 420	< 370	< 410	< 380		< 370	< 360		
HEXACHLOROBUTADIENE	< 420	< 370	< 410	< 380		< 370	< 360		
HEXACHLOROCYCLOPENTADIENE	< 2000	< 1800	< 2000	< 1800		< 1800	< 1800		
HEXACHLOROETHANE	< 420	< 370	< 410	< 380		< 370	< 360		
INDENO(1,2,3-CD)PYRENE	< 420	< 370	< 410	< 380	< 5	520	< 360	< 7.8	< 5 uj
ISOPHORONE	< 420	< 370	< 410	< 380		< 370	< 360		
NAPHTHALENE	< 420	< 370	< 410	< 380	< 100	< 370	< 360	< 40	< 100 uj
NITROBENZENE	< 420	< 370	< 410	< 380		< 370	< 360		
N-NITROSODI-N-PROPYLAMINE	< 420	< 370	< 410	< 380		< 370	< 360		
N-NITROSODIPHENYLAMINE	< 420	< 370	< 410	< 380		< 370	< 360		
PENTACHLOROPHENOL	< 420	< 370	< 410	< 380		< 370	< 360		
PHENANTHRENE	< 420	< 370	< 410	< 380	< 100	230 J	< 360	< 7.8	< 100 uj
PHENOL	< 420	< 370	< 410	< 380		< 370	< 360		
PYRENE	30 J	< 370	27 J	< 380	< 5	1100	< 360	< 7.8	< 5 uj

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 30: Soil SVOC/PAH Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	RW01-04 / 08-10 CONF 2004-01-29 Soil SW8310 µg/kg	RW01-04 / 08-10 1999-01-27 Soil SW8310 µg/kg	RW01-06 / 06-08 1999-01-29 Soil SW8310 µg/kg	RW01-06 / 08-10 1999-01-29 Soil SW8310 µg/kg	SEPTIC TANK NW 2000-08-10 Soil SW8270C µg/kg	SEPTIC TANK SE 2000-08-10 Soil SW8270C µg/kg	VSGP-005 / 2_5-04 2000-04-05 Soil SW8270C µg/kg	VSGP-008 / 04-06 2000-04-05 Soil SW8270C µg/kg
1,1'-BIPHENYL								
1,2,4-TRICHLOROBENZENE					< 370	< 370	< 330	< 330
1,2-DICHLOROBENZENE					< 370	< 370	< 330	< 330
1,3-DICHLOROBENZENE					< 370	< 370	< 330	< 330
1,4-DICHLOROBENZENE					< 370	< 370	< 330	< 330
1-METHYLNAPHTHALENE		< 100 uj	< 100 uj	< 100 uj				
2,2'-OXYBIS(1-CHLOROPROPANE)					< 370	< 370	< 330	< 330
2,4,5-TRICHLOROPHENOL					< 370	< 370	< 330	< 330
2,4,6-TRICHLOROPHENOL					< 370	< 370	< 330	< 330
2,4-DICHLOROPHENOL					< 370	< 370	< 330	< 330
2,4-DIMETHYLPHENOL					< 370	< 370	< 330	< 330
2,4-DINITROPHENOL					< 1800	< 1800	< 1600	< 1600
2,4-DINITROTOLUENE					< 370	< 370	< 330	< 330
2,6-DINITROTOLUENE					< 370	< 370	< 330	< 330
2-CHLORONAPHTHALENE					< 370	< 370	< 330	< 330
2-CHLOROPHENOL					< 370	< 370	< 330	< 330
2-METHYLNAPHTHALENE		< 100 uj	< 100 uj	< 100 uj	< 370	< 370	< 330	< 330
2-METHYLPHENOL					< 370	< 370	< 330	< 330
2-NITROANILINE					< 1800	< 1800	< 1600	< 1600
2-NITROPHENOL					< 370	< 370	< 330	< 330
3,3'-DICHLOROBENZIDINE					< 1800	< 1800	< 1600	< 1600
3-NITROANILINE					< 1800	< 1800	< 1600	< 1600
4,6-DINITRO-2-METHYLPHENOL					< 1800	< 1800	< 1600	< 1600
4-BROMOPHENYL PHENYL ETHER					< 370	< 370	< 330	< 330
4-CHLORO-3-METHYLPHENOL					< 370	< 370	< 330	< 330
4-CHLOROANILINE					< 370	< 370	< 330	< 330
4-CHLOROPHENYL PHENYL ETHER					< 370	< 370	< 330	< 330
4-METHYLPHENOL					< 370	< 370	< 330	< 330
4-NITROANILINE					< 1800	< 1800	< 1600	< 1600
4-NITROPHENOL					< 1800	< 1800	< 1600	< 1600
ACENAPHTHENE	< 44	< 100 uj	< 100 uj	< 100 uj	< 370	< 370	< 330	< 330
ACENAPHTHYLENE	< 44	< 100 uj	< 100 uj	230 B j	< 370	< 370	< 330	< 330
ACETOPHENONE								
ANTHRACENE	< 8.5	< 100 uj	< 100 uj	< 100 uj	< 370	< 370	< 330	< 330
ATRAZINE								
BENZALDEHYDE								
BENZO(A)ANTHRACENE	< 8.5	< 5 uj	< 5 uj	< 5 uj	< 370	< 370	< 330	< 330
BENZO(A)PYRENE	< 8.5	< 5 uj	< 5 uj	< 5 uj	< 370	< 370	< 330	< 330
BENZO(B)FLUORANTHENE	< 8.5	< 5 uj	< 5 uj	< 5 uj	< 370	< 370	< 330	< 330
BENZO(GHI)PERYLENE	8 J	< 10 uj	< 10 uj	< 10 uj	< 370	< 370	< 330	< 330
BENZO(K)FLUORANTHENE	< 8.5	< 1.7 uj	< 1.7 uj	< 1.7 uj	< 370	< 370	< 330	< 330
BIS(2-CHLOROETHOXY)METHANE					< 370	< 370	< 330	< 330
BIS(2-CHLOROETHYL) ETHER					< 370	< 370	< 330	< 330
BIS(2-ETHYLHEXYL) PHTHALATE					< 370	< 370	< 330	< 330
BUTYL BENZYL PHTHALATE					< 370	< 370	< 330	< 330
CAPROLACTAM								
CARBAZOLE					< 370	< 370	< 330	< 330
CHRYSENE	3.5 J	< 5 uj	< 5 uj	< 5 uj	< 370	< 370	< 330	< 330
DIBENZ(A,H)ANTHRACENE	< 8.5	< 5 uj	< 5 uj	< 5 uj	< 370	< 370	< 330	< 330
DIBENZOFURAN					< 370	< 370	< 330	< 330
DIETHYL PHTHALATE					< 370	< 370	< 330	< 330
DIMETHYL PHTHALATE					< 370	< 370	< 330	< 330
DI-N-BUTYL PHTHALATE					< 370	< 370	< 330	< 330
DI-N-OCTYL PHTHALATE					< 370	< 370	< 330	< 330
FLUORANTHENE	2.2 J	< 10 uj	< 10 uj	< 10 uj	< 370	< 370	< 330	< 330
FLUORENE	< 8.5	< 100 uj	< 100 uj	< 100 uj	< 370	< 370	< 330	< 330
HEXACHLOROBENZENE					< 370	< 370	< 330	< 330
HEXACHLOROBUTADIENE					< 370	< 370	< 330	< 330
HEXACHLOROCYCLOPENTADIENE					< 1800	< 1800	< 1600	< 1600
HEXACHLOROETHANE					< 370	< 370	< 330	< 330
INDENO(1,2,3-CD)PYRENE	< 8.5	< 5 uj	< 5 uj	< 5 uj	< 370	< 370	< 330	< 330
ISOPHORONE					< 370	< 370	< 330	< 330
NAPHTHALENE	< 44	< 100 uj	< 100 uj	< 100 uj	< 370	< 370	< 330	< 330
NITROBENZENE					< 370	< 370	< 330	< 330
N-NITROSODI-N-PROPYLAMINE					< 370	< 370	< 330	< 330
N-NITROSODIPHENYLAMINE					< 370	< 370	< 330	< 330
PENTACHLOROPHENOL					< 370	< 370	< 330	< 330
PHENANTHRENE	< 8.5	< 100 uj	< 100 uj	< 100 uj	< 370	< 370	< 330	< 330
PHENOL					< 370	< 370	< 330	< 330
PYRENE	< 8.5	5.9 j	< 5 uj	< 5 uj	< 370	< 370	< 330	< 330

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
µg/kg = micrograms per kilogram

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility

Yellow Springs, Ohio

Project No. 0292.11.31

TABLE 31: Metals (Arsenic, Cooper, Zinc) Analytical Data in Soil

Sample ID / Sample Depth (feet bgs)	Sample Date (year/mm/dd)	ARSENIC Soil mg/kg	COPPER Soil mg/kg	ZINC Soil mg/kg
GP01-017 / 00-02 CONF	1/29/2004	5.8	9	31.3
GP01-017 / 03-04 CONF	1/29/2004	9.7	21.8	64.6
GP01-017 / 04-06	12/14/1998	7.7		
GP01-017 / 04-06 CONF	1/29/2004	9.1	20.3	60
GP01-017 / 08-10	12/14/1998	6.7		
GP01-018 / 04-06	12/14/1998	12.7		
GP01-018 / 08-10	12/14/1998	6.4		
GP01-019 / 00-02	1/29/2004	6.9	12.4	35.1
GP01-019 / 04-06	12/14/1998	7.1		
GP01-019 / 04-06 CONF	1/29/2004	10.5	21.5	65.6
GP01-019 / 10-12	12/14/1998	8.1		
GP01-020 / 00-02	2/2/2004	5.8	9.4	29
GP01-020 / 04-06	12/14/1998	12.4		
GP01-020 / 04-06 CONF	2/2/2004	16	22.8	73.8
GP01-020 / 08-10	12/14/1998	6.6		
GP01-021 / 04-06	12/15/1998	12.2		
GP01-021 / 08-10	12/15/1998	6.3		
GP01-022 / 04-06	12/15/1998	13.2		
GP01-022 / 08-10	12/15/1998	6.8		
GP01-023 / 06-08	12/15/1998	12.4		
GP01-023 / 08-10	12/15/1998	6.3		
GP01-024 / 04-06	12/15/1998	9.9		
GP01-024 / 08-10	12/15/1998	5.4		
GP01-025 / 04-06	12/16/1998	10.9		
GP01-025 / 08-10	12/16/1998	6.6		
GP01-026 / 04-06	12/16/1998	8.4		

ID = Sample Location
CONF = Confirmation Sample
DUP = Duplicate Sample
bgs = below ground surface
mg/kg = micrograms per kilogram
See Table 9 for definitions of data qualifiers

The Payne Firm, Inc.

TABLE 31: Metals (Arsenic, Cooper, Zinc) Analytical Data in Soil

Sample ID / Sample Depth (feet bgs)	Sample Date (year/mm/dd)	ARSENIC Soil mg/kg	COPPER Soil mg/kg	ZINC Soil mg/kg
GP01-026 / 08-10	12/16/1998	5.4		
GP01-027 / 04-06	12/16/1998	6		
GP01-027 / 08-10	12/16/1998	6.4		
GP01-030 / 01-02	12/16/1998	8.8		
GP01-030 / 06-08	12/16/1998	7.4		
GP01-034 / 00-02	12/18/1998	5.5		
GP01-034 / 06-08	12/18/1998	9.1		
GP01-039 / 02-04	12/17/1998	7		
GP01-039 / 06-08	12/17/1998	6.4		
GP01-039 / 10-12	12/17/1998	6.5		
GP01-040 / 02-04	12/17/1998	8.2		
GP01-040 / 06-08	12/17/1998	15.8		
GP01-040 / 10-12	12/17/1998	5.7		
GP01-041 / 00-02	4/14/1999	7.4		
GP01-041 / 02-04	4/14/1999	7.9		
GP01-042 / 00-02	4/14/1999	6.6		
GP01-042 / 02-04	4/14/1999	6.7		
GP01-043 / 00-02	4/14/1999	6.5		
GP01-043 / 02-04	4/14/1999	6.7		
GP01-044 / 00-02	4/14/1999	8		
GP01-044 / 02-04	4/14/1999	7.8		
GP01-045 / 00-02	4/14/1999	5.5		
GP01-045 / 02-04	4/14/1999	5.5		
GP01-046 / 00-02	4/14/1999	8.3		
GP01-046 / 02-04	4/14/1999	7.4		
GP01-047 / 00-02	4/14/1999	9.9		
GP01-047 / 02-04	4/14/1999	6.9		
GP01-048 / 00-02	4/12/1999	10.2		
GP01-048 / 04-06	4/12/1999	6.9		
GP01-049 / 00-02	4/12/1999	8.3		
GP01-049 / 04-06	4/12/1999	9		
GP01-050 / 00-02	4/12/1999	7.3		
GP01-050 / 00-02 CONF	2/2/2004	6.1	10	34.8
GP01-050 / 04-06	4/12/1999	9.5		
GP01-050 / 04-06 CONF	2/2/2004	7.7	14.3	56.3

ID = Sample Location
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DUP = Duplicate Sample
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mg/kg = micrograms per kilogram
See Table 9 for definitions of data qualifiers

The Payne Firm, Inc.

TABLE 31: Metals (Arsenic, Cooper, Zinc) Analytical Data in Soil

Sample ID / Sample Depth (feet bgs)	Sample Date (year/mm/dd)	ARSENIC Soil mg/kg	COPPER Soil mg/kg	ZINC Soil mg/kg
GP01-051 / 00-02	4/12/1999	4.1		
GP01-051 / 04-06	4/12/1999	7.3		
GP01-052 / 00-02	4/13/1999	9.8		
GP01-052 / 00-02 CONF	2/2/2004	11.5	21.8	55.9
GP01-052 / 04-06	4/13/1999	10.4		
GP01-052 / 04-06 CONF	2/2/2004	12.5	23.2	63.3
GP01-053 / 00-02	4/13/1999	8.9		
GP01-053 / 04-06	4/13/1999	7.1		
GP01-054 / 00-02	4/13/1999	8.7		
GP01-054 / 04-06	4/13/1999	13.8		
GP01-055 / 00-02	4/13/1999	8.5		
GP01-055 / 00-02 CONF	2/2/2004	2.4	4.1	8.3
GP01-055 / 04-06	4/13/1999	7.2		
GP01-055 / 04-06 CONF	2/2/2004	15.2	25.3	67.5
GP01-055 / 04-06 CONF DUP	2/2/2004	8.4	22.8	61.9
GP01-059 / 00-02	4/14/1999	5.7		
GP01-059 / 00-02 CONF	2/3/2004	12.4	22.4	58.7
GP01-059 / 04-06	4/14/1999	7.5		
GP01-059 / 04-06 CONF	2/3/2004	6.8	13.2	39.8
GP01-059 / 04-06 CONF DUP	2/3/2004	6.3	11.5	36.8
GP01-060 / 00-02	4/15/1999	22.8		
GP01-060 / 02-04	4/15/1999	8.9		
GP01-061 / 00-02	4/15/1999	8.9		
GP01-061 / 02-04	4/15/1999	8.5		
GP01-062 / 00-02	4/15/1999	8.8		
GP01-062 / 02-04	4/15/1999	8.4		
GP01-063 / 00-02	4/14/1999	8.3		
GP01-063 / 04-06	4/14/1999	16.2		
GP01-064 / 00-02	4/25/1999	7.9		
GP01-064 / 04-06	4/25/1999	4.5		
GP01-065 / 00-02	4/25/1999	8		
GP01-065 / 04-06	4/25/1999	8.3		
GP01-066 / 02-04	4/25/1999	4.3		
GP01-067 / 00-02	4/24/1999	7.2		
GP01-067 / 04-06	4/24/1999	5.3		

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CONF = Confirmation Sample
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bgs = below ground surface
mg/kg = micrograms per kilogram
See Table 9 for definitions of data qualifiers

The Payne Firm, Inc.

TABLE 31: Metals (Arsenic, Cooper, Zinc) Analytical Data in Soil

Sample ID / Sample Depth (feet bgs)	Sample Date (year/mm/dd)	ARSENIC Soil mg/kg	COPPER Soil mg/kg	ZINC Soil mg/kg
GP01-068 / 00-02	4/25/1999	5.3		
GP01-068 / 01-02 CONF	1/27/2004	5.7	9.7	37.4
GP01-068 / 04-06	4/25/1999	5.5		
GP01-068 / 04-06 CONF	1/27/2004	7.1	23	71.6
GP01-069 / 00-02	4/24/1999	7.2		
GP01-070 / 00-02	4/24/1999	7.8		
GP01-070 / 04-06	4/24/1999	7.6		
GP01-071 / 00-02	4/24/1999	5.3		
GP01-071 / 04-06	4/24/1999	8.9		
GP01-072 / 00-02	4/24/1999	5.7		
GP01-072 / 04-06	4/24/1999	7.9		
GP01-073 / 00-02	4/24/1999	6.5		
GP01-073 / 04-06	4/24/1999	9.1		
GP01-074 / 00-02	4/24/1999	10.7		
GP01-074 / 04-06	4/24/1999	8.5		
GP01-076 / 00-02	4/15/1999	6.6		
GP01-076 / 02-04	4/15/1999	9.3		
GP01-077 / 00-02	4/15/1999	9.5		
GP01-077 / 02-04	4/15/1999	11.2		
GP01-078 / 00-02	4/15/1999	9		
GP01-078 / 02-04	4/15/1999	8.8		
GP01-079 / 00-02	4/13/1999	9.2		
GP01-079 / 04-06	4/13/1999	6.9		
GP01-080 / 00-02	4/13/1999	9.2		
GP01-080 / 00-02 CONF	1/29/2004	7.1	9.5	30.9
GP01-080 / 04-06	4/13/1999	12.8		
GP01-080 / 04-06 CONF	1/29/2004	13.1	20.2	71.3
GP01-087 / 04-06	5/19/2000	6.1		
GP01-087 / 08-10	5/19/2000	6.2		
GP01-088 / 04-06	5/19/2000	10		
GP01-088 / 08-10	5/19/2000	6.4		
GP01-089 / 04-06	5/19/2000	10.3		
GP01-089 / 08-10	5/19/2000	6.4		
GP01-090 / 04-06	5/19/2000	9.3		
GP01-090 / 08-10	5/19/2000	6.7		

ID = Sample Location
CONF = Confirmation Sample
DUP = Duplicate Sample
bgs = below ground surface
mg/kg = micrograms per kilogram
See Table 9 for definitions of data qualifiers

The Payne Firm, Inc.

TABLE 31: Metals (Arsenic, Cooper, Zinc) Analytical Data in Soil

Sample ID / Sample Depth (feet bgs)	Sample Date (year/mm/dd)	ARSENIC Soil mg/kg	COPPER Soil mg/kg	ZINC Soil mg/kg
GP01-091 / 04-06	5/19/2000	14.8		
GP01-091 / 08-10	5/19/2000	3.9		
GP01-092 / 04-06	5/19/2000	11.8		
GP01-092 / 08-10	5/19/2000	9.4		
GP01-093 / 04-06	5/19/2000	8.6		
GP01-093 / 08-10	5/19/2000	6		
GP01-094 / 04-06	5/20/2000	8.5		
GP01-094 / 08-10	5/20/2000	13.1		
GP01-094 / 14-16	5/20/2000	4.9		
GP01-095 / 04-06	5/20/2000	11.1		
GP01-095 / 08-10	5/20/2000	17.9		
GP01-095 / 12-14	5/20/2000	8.1		
GP01-096 / 04-06	5/21/2000	6.2		
GP01-096 / 08-10	5/21/2000	7.1		
GP01-096 / 12-14	5/21/2000	7.1		
GP01-097 / 04-06	5/21/2000	15		
GP01-097 / 08-10	5/21/2000	6.5		
GP01-097 / 12-14	5/21/2000	8.8		
GP01-098 / 04-06	5/21/2000	6.7		
GP01-098 / 08-10	5/21/2000	5.2		
GP01-098 / 12-14	5/21/2000	5.8		
GP01-099 / 04-06	5/21/2000	7.1		
GP01-099 / 08-10	5/21/2000	11		
GP01-099 / 12-14	5/21/2000	4.7		
GP01-100 / 04-06	5/20/2000	7.8		
GP01-100 / 08-10	5/20/2000	8.1		
GP01-101 / 04-06	5/20/2000	10.4		
GP01-101 / 08-10	5/20/2000	12.6		
GP01-101 / 12-14	5/20/2000	7.1		
GP01-102 / 04-06	5/20/2000	13		
GP01-102 / 08-10	5/20/2000	11.8		
GP01-103 / 04-06	5/20/2000	9.2		
GP01-103 / 08-10	5/20/2000	12.7		
GP01-104 / 04-06	5/21/2000	4		
GP01-104 / 08-10	5/21/2000	9.6		

ID = Sample Location
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DUP = Duplicate Sample
bgs = below ground surface
mg/kg = micrograms per kilogram
See Table 9 for definitions of data qualifiers

The Payne Firm, Inc.

TABLE 31: Metals (Arsenic, Cooper, Zinc) Analytical Data in Soil

Sample ID / Sample Depth (feet bgs)	Sample Date (year/mm/dd)	ARSENIC Soil mg/kg	COPPER Soil mg/kg	ZINC Soil mg/kg
GP01-104 / 12-14	5/21/2000	5		
GP01-105 / 04-06	5/22/2000	11.3		
GP01-105 / 08-10	5/22/2000	8.4		
GP01-105 / 12-14	5/22/2000	5.6		
GP01-106 / 04-06	5/22/2000	10.7		
GP01-106 / 08-10	5/22/2000	6.8		
GP01-106 / 12-14	5/22/2000	2.8		
GP01-107 / 04-06	5/22/2000	9.7		
GP01-108 / 04-06	5/22/2000	10		
GP01-108 / 08-10	5/22/2000	5.6		
GP01-112 / 00-02	11/12/2003	7.7	15.1	58.3
GP01-112 / 11-14	11/12/2003	6.4	15.1	46.3
GP01-113 / 00-02	11/13/2003	6.9	12.8	43.9
GP01-113 / 06-08	11/14/2003	7	12.6	37.8
GP01-113 / 06-08 DUP	11/14/2003	5.2	11	34.5
GP01-114 / 00-02	11/13/2003	10.7	15.9	55.2
GP01-114 / 07-08.5	11/14/2003	9.5	19.7	45.7
GP01-115 / 05-07	11/14/2003	10.1	16.2	48.8
GP01-115 / 11-12.5	11/14/2003	7.1	12.3	39.2
GP01-116 / 00-02	11/13/2003	9.6	12.5	41.1
GP01-116 / 08-10	11/14/2003	6.5	11.7	38.4
GP01-117 / 00-02	11/13/2003	13	23.1	60.5
GP01-117 / 10-12	11/14/2003	7.1	12.9	42.2
GP01-121 / 08-10	11/14/2003	25.3	24	57.8
GP01-121 / 14-16	11/14/2003	5.3	10.1	31.3
GP01-122 / 03-05	11/21/2003	5.8	12.5 J	35.8
GP01-122 / 19-20	11/21/2003	4.7	16.8 J	44.5
GP01-123 / 00-02 DUP	11/21/2003	12	20 J	60
GP01-123 / 08-10	11/21/2003	5.3	19.1 J	75.4
GP01-123 / 14-16	11/21/2003	5.8	13.5 J	36.1
GP01-124 / 00-02	2/4/2004	11.7	16.6	50.2
GP01-125 / 00-02	2/4/2004	11	14.8	89.8
GP01-127 / 00-02	2/3/2004	8	9.6	34.3
GP01-127 / 08-10	2/3/2004	6.6	13.5	44.6
GP01-128 / 00-02	2/2/2004	5.7	11.8	29.2

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mg/kg = micrograms per kilogram
See Table 9 for definitions of data qualifiers

The Payne Firm, Inc.

TABLE 31: Metals (Arsenic, Cooper, Zinc) Analytical Data in Soil

Sample ID / Sample Depth (feet bgs)	Sample Date (year/mm/dd)	ARSENIC Soil mg/kg	COPPER Soil mg/kg	ZINC Soil mg/kg
GP01-128 / 08-10	2/2/2004	8	14	44
GP01-131 / 00-02	2/5/2004	9	17.6	44.8
GP01-132 / 00-02	2/3/2004	7	8.4	45.4
GP01-132 / 08-10	2/3/2004	8	13.6	38.3
GP01-133 / 00-02	2/3/2004	1.1		
GP01-133 / 04-06	2/3/2004	12.8		
GP01-134 / 00-02	2/3/2004	7.6		
GP01-134 / 04-06	2/3/2004	6.4		
GP01-135 / 00-02	2/3/2004	7.8		
GP01-135 / 04-06	2/3/2004	10.1		
GP01-142 / 01-02	1/28/2004	5.9 J	9.4	33.8
GP01-142 / 08-10	1/28/2004	8 J	17	64.5
GP01-142 / 08-10 DUP	1/28/2004	11.6 J	23.1	80.4
GP01-143 / 01-02	1/28/2004	7.2 J	10.6	39.4
GP01-143 / 07-08	1/28/2004	4.8 J	18.8	64.9
GP01-143 / 08-10	1/28/2004	14.1 J	28.7	89.2
GP01-144 / 05-06	2/6/2004	5.2	17.9	66.8
GP01-144 / 08-10	2/6/2004	7.6	18.4	64
GP01-145 / 01-02	1/28/2004	5.6 J	9.2	34.4
GP01-145 / 07-08	1/28/2004	8 J	14.6	67.8
GP01-145 / 08-10	1/28/2004	7.3 J	19	78.3
GP01-145 / 08-10 DUP	1/28/2004	5.7 J	12	59.2
GP02-005 / 10-12	12/22/1998	6.8		
GP02-032 / 00-02	2/5/2004	9.2	15.6	49.7
GP02-032 / 06-08	2/5/2004	7.9	14.6	45.6
GP02-033 / 00-02	2/5/2004	7.1	14	45.6
GP02-033 / 06-08	2/5/2004	7.9	14.3	44.6
GP02-034 / 00-02	2/5/2004	6.1	10.2	38.2
GP02-034 / 06-08	2/5/2004	8.5	14.5	43.3
GP02-035 / 00-02	2/5/2004	13.2	21	60
GP02-035 / 06-08	2/5/2004	5	11.5	37.5
GP02-077 / 00-02	11/12/2003	10.6	9.8	31
GP02-077 / 11-14	11/12/2003	6	12.6	43.5
GP02-088 / 00-02	1/26/2004	9.7 J	15.8	60.8 J
GP02-088 / 06-07.5	1/26/2004	6.1 J	14	39.9 J

ID = Sample Location
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mg/kg = micrograms per kilogram
See Table 9 for definitions of data qualifiers

The Payne Firm, Inc.

TABLE 31: Metals (Arsenic, Cooper, Zinc) Analytical Data in Soil

Sample ID / Sample Depth (feet bgs)	Sample Date (year/mm/dd)	ARSENIC Soil mg/kg	COPPER Soil mg/kg	ZINC Soil mg/kg
GP02-089 / 00-02	1/26/2004	11.1 J	21.5	58.8 J
GP02-089 / 06-08	1/26/2004	8.2 J	14.6	46.3 J
GP02-090 / 00-02	1/26/2004	11 J	19.1	53.7 J
GP02-090 / 06-08	1/26/2004	6.6 J	12.9	39.5 J
GP02-091 / 00-02	1/23/2004	16.4	32.8	86.7
GP02-091 / 06-08	1/23/2004	5.6	10.9	34.4
GP02-092 / 00-02	1/23/2004	15.1	25.4	70.6
GP02-092 / 06-08	1/23/2004	9.4	15.8	46.1
GP02-093 / 00-02	1/23/2004	21.4	34	91
GP02-093 / 06-08	1/23/2004	6	12.6	41.3
RW01-04 / 00-02	1/29/2004	5.3	9.3	30.5
RW01-04 / 06-08	1/27/1999	8.9		
RW01-04 / 06-08 CONF	1/29/2004	6.5	11.3	37.4
RW01-04 / 08-10	1/27/1999	10		
RW01-04 / 08-10 CONF	1/29/2004	11	22.5	59.4
RW01-06 / 06-08	1/29/1999	9.1		
RW01-06 / 08-10	1/29/1999	5.4		

ID = Sample Location
CONF = Confirmation Sample
DUP = Duplicate Sample
bgs = below ground surface
mg/kg = micrograms per kilogram
See Table 9 for definitions of data qualifiers

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 32: Sewer Backfill VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-110 / 06-10 GW 2003-08-05 Sanitary Backfill µg/L	GP02-042 / 03-07 GW 2003-08-01 Storm Backfill µg/L	GP02-043 / 06-10 GW 2003-08-01 Storm Backfill µg/L	GP02-045 / 06-10 GW 2003-08-01 Storm Backfill µg/L	GP02-046 / 06-10 GW 2003-08-01 Storm Backfill µg/L	GP02-047 / 06-10 GW 2003-08-01 Storm Backfill µg/L	GP02-048 / 06-10 GW DUP 2003-08-05 Storm Backfill µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 2.5
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 2.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.96 J j-	< 1	< 1	< 1	1.9	< 1	< 2.5
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 2.5
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 2.5
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 2.5
1,2,4-TRICHLOROBENZENE	< 1	0.18 J	< 1	< 1	< 1	< 1	< 2.5
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	< 5
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 2.5
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 2.5
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 2.5
1,2-DICHLOROETHENE (TOTAL)							
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 2.5
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 2.5
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 2.5
2-BUTANONE	1.2 J j-r	0.41 J r	1 J r	< 10	< 10	< 10	< 25
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 25
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 25
ACETONE	13 B j-r	2.2 J B r	25 B r	2.4 J B r	3.2 J B r	2.2 J B r	7.9 J B
BENZENE	0.37 J j-	0.31 J	0.21 J	0.29 J	0.22 J	0.22 J	< 2.5
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 2.5
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 2.5
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 2.5
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 2.5
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 2.5
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 2.5
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 2.5
CHLOROFORM	0.61 J j-r	< 1	< 1	< 1	0.24 J r	< 1	< 2.5
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 2.5
CIS-1,2-DICHLOROETHENE	4.9 j-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.2
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 2.5
CYCLOHEXANE	0.43 J j-	0.62 J	0.38 J	0.47 J	< 1	< 1	< 2.5
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 2.5
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 2.5
ETHYLBENZENE	0.21 J j-	0.4 J	< 1	0.27 J	< 1	< 1	< 2.5
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 2.5
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	< 25
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	< 12
METHYLCYCLOHEXANE	0.61 J j-	0.71 J	0.41 J	0.48 J	0.27 J	0.44 J	< 2.5
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 2.5
N-HEXANE							
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 2.5
TETRACHLOROETHENE	12 j-	0.28 J	0.51 J	1.4	10	0.77 J	57
TOLUENE	0.99 J j-	1	0.68 J	0.98 J	0.62 J	0.59 J	0.58 J
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.2
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 2.5
TRICHLOROETHENE	3 j-	< 1	< 1	0.76 J	0.58 J	< 1	3.2
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 2.5
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 2.5
XYLENES (TOTAL)	0.62 J j-	0.74 J	< 1	< 1	< 1	< 1	< 2.5

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 32: Sewer Backfill VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP02-048 / 06-10 GW 2003-08-05 Storm Backfill µg/L	GP02-049 / 06-10 GW 2003-08-05 Storm Backfill µg/L	GP02-051 / 02_5-06_5 GW 2003-08-05 Sanitary Backfill µg/L	GP02-052 / 02_5-06_5 GW 2003-08-05 Sanitary Backfill µg/L	MW01-12 1999-11-30 Sanitary Backfill µg/L	MW01-12 2000-06-05 Sanitary Backfill µg/L	MW01-12 2001-06-08 Sanitary Backfill µg/L
1,1,1-TRICHLOROETHANE	< 2	< 50	< 2	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 2	< 50	< 2	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 2	< 50	2.8 j-	0.75 J			< 1
1,1,2-TRICHLOROETHANE	< 2	< 50	< 2	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 2	< 50	< 2	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 2	< 50	< 2	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 2	< 50	< 2	< 1			
1,2-DIBROMO-3-CHLOROPROPANE	< 4	< 100	< 4	< 2			
1,2-DIBROMOETHANE	< 2	< 50	< 2	< 1			
1,2-DICHLOROBENZENE	< 2	< 50	< 2	< 1			
1,2-DICHLOROETHANE	< 2	< 50	< 2	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)					< 1	< 1	< 1
1,2-DICHLOROPROPANE	< 2	< 50	< 2	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 2	< 50	< 2	< 1			
1,4-DICHLOROBENZENE	< 2	< 50	< 2	< 1			
2-BUTANONE	< 20	< 500	< 20	< 10	< 10	< 10	< 10
2-HEXANONE	< 20	< 500	< 20	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 20	< 500	< 20	< 10	< 10	< 10	< 5
ACETONE	9.1 J B r	64 J B r	4.7 J B j-r	3.4 J B r	< 10	< 10	< 10
BENZENE	< 2	< 50	< 2	0.27 J	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 2	< 50	< 2	< 1	< 1	< 1	< 1
BROMOFORM	< 2	< 50	< 2	< 1	< 1	< 1	< 1
BROMOMETHANE	< 2	< 50	< 2	< 1	< 2	< 2	< 2
CARBON DISULFIDE	< 2	< 50	< 2	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 2	< 50	< 2	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 2	< 50	< 2	< 1	< 1	< 1	< 1
CHLOROETHANE	< 2	< 50	< 2	< 1	< 2	< 2	< 2
CHLOROFORM	< 2	< 50	< 2	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 2	< 50	< 2	< 1	< 2	< 2	< 2
CIS-1,2-DICHLOROETHENE	< 1	< 25	< 1	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 2	< 50	< 2	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 2	< 50	< 2	0.35 J			
DIBROMOCHLOROMETHANE	< 2	< 50	< 2	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 2	< 50	< 2	< 1			
ETHYLBENZENE	< 2	< 50	< 2	0.24 J	< 1	< 1	< 1
ISOPROPYLBENZENE	< 2	< 50	< 2	< 1			
METHYL ACETATE	< 20	< 500	< 20	< 10			
METHYL TERT-BUTYL ETHER	< 10	< 250	< 10	< 5			
METHYLCYCLOHEXANE	< 2	< 50	< 2	0.37 J			
METHYLENE CHLORIDE	< 2	< 50	< 2	< 1	< 1	1.4	< 1
N-HEXANE					< 1	< 1	< 1
STYRENE	< 2	< 50	< 2	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	46	1600	79 j-	5.5	< 1	< 1	< 1
TOLUENE	0.47 J	< 50	0.82 J j-	0.84 J	< 1	< 1	1.6
TRANS-1,2-DICHLOROETHENE	< 1	< 25	< 1	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 2	< 50	< 2	< 1	< 1	< 1	< 1
TRICHLOROETHENE	2.6	64	1.5 J j-	2.9	2.4	4.6	3.3
TRICHLOROFLUOROMETHANE	< 2	< 50	< 2	< 1			
VINYL CHLORIDE	< 2	< 50	< 2	< 1	< 2	< 2	< 2
XYLENES (TOTAL)	< 2	< 50	< 2	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 32: Sewer Backfill VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-12 2003-02-13 Sanitary Backfill µg/L	MW01-12 2003-09-12 Sanitary Backfill µg/L	MW01-12 2003-11-06 Sanitary Backfill µg/L	MW01-12 2004-02-19 Sanitary Backfill µg/L	MW01-12 2004-04-13 Sanitary Backfill µg/L	MW01-13 DUP 2001-11-19 Storm Backfill µg/L	MW01-13 1999-11-30 Storm Backfill µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 50	< 250
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 50	< 250
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 50	
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 50	< 250
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 50	< 250
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 50	< 250
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1		
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2		
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1		
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1		
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 50	< 250
1,2-DICHLOROETHENE (TOTAL)						63	< 250
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 50	< 250
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1		
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1		
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 500	< 2500
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 500	< 2500
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 250	< 2500
ACETONE	< 10	< 10	< 10	< 10	< 10	< 500	< 2500
BENZENE	< 1	< 1	< 1	< 1	< 1	< 50	< 250
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 50	< 250
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 50	< 250
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 100	< 500
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 50	< 250
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 50	< 250
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 50	< 250
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 100	< 500
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 50	< 250
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 100	< 500
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	63	< 120
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 50	< 250
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1		
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 50	< 250
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1		
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 50	< 250
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1		
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10		
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5		
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1		
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 50	< 250
N-HEXANE						< 50	< 250
STYRENE	< 1	< 1	< 1	< 1	< 1	< 50	< 250
TETRACHLOROETHENE	0.51 J	0.39 J	0.3 J	0.28 J	0.46 J	1600	6800
TOLUENE	1.2	< 1	< 1	< 1	< 1	< 50	< 250
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 25	< 120
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 50	< 250
TRICHLOROETHENE	3.2	4.4	3.2	2.5	3.8	< 50	< 250
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1		
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 100	< 500
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 50	< 250

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
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bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 32: Sewer Backfill VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-13 2000-02-17 Storm Backfill µg/L	MW01-13 2000-03-23 Storm Backfill µg/L	MW01-13 2000-04-25 Storm Backfill µg/L	MW01-13 2000-06-06 Storm Backfill µg/L	MW01-13 2000-11-02 Storm Backfill µg/L	MW01-13 2001-06-08 Storm Backfill µg/L	MW01-13 2001-11-19 Storm Backfill µg/L
1,1,1-TRICHLOROETHANE	< 380	< 120	< 62	< 71	< 25	< 20	< 40
1,1,2,2-TETRACHLOROETHANE	< 380	< 120	< 62	< 71	< 25	< 20	< 40
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					< 25	< 20	< 40
1,1,2-TRICHLOROETHANE	< 380	< 120	< 62	< 71	< 25	< 20	< 40
1,1-DICHLOROETHANE	< 380	< 120	< 62	< 71	< 25	< 20	< 40
1,1-DICHLOROETHENE	< 380	< 120	< 62	< 71	< 25	< 20	< 40
1,2,4-TRICHLOROBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DIBROMOETHANE							
1,2-DICHLOROBENZENE							
1,2-DICHLOROETHANE	< 380	< 120	< 62	< 71	< 25	< 20	< 40
1,2-DICHLOROETHENE (TOTAL)	< 380	< 120	< 62	< 71	67	< 20	61
1,2-DICHLOROPROPANE	< 380	< 120	< 62	< 71	< 25	< 20	< 40
1,3-DICHLOROBENZENE							
1,4-DICHLOROBENZENE							
2-BUTANONE	< 3800	< 1200	< 620	< 710	< 250	< 200	< 400
2-HEXANONE	< 3800	< 1200	< 620	< 710	< 250	< 200	< 400
4-METHYL-2-PENTANONE	< 3800	< 1200	< 620	< 360	< 120	< 100	< 200
ACETONE	< 3800	< 1200	1700	< 710	< 250	< 200	< 400
BENZENE	< 380	< 120	< 62	< 71	< 25	< 20	< 40
BROMODICHLOROMETHANE	< 380	< 120	< 62	< 71	< 25	< 20	< 40
BROMOFORM	< 380	< 120	< 62	< 71	< 25	< 20	< 40
BROMOMETHANE	< 770	< 250	< 120	< 140	< 50	< 40	< 80
CARBON DISULFIDE	< 380	< 120	< 62	< 71	< 25	< 20	< 40
CARBON TETRACHLORIDE	< 380	< 120	< 62	< 71	< 25	< 20	< 40
CHLOROBENZENE	< 380	< 120	< 62	< 71	< 25	< 20	< 40
CHLOROETHANE	< 770	< 250	< 120	< 140	< 50	< 40	< 80
CHLOROFORM	< 380	< 120	< 62	< 71	< 25	< 20	< 40
CHLOROMETHANE	< 770	< 250	< 120	< 140	< 50	< 40	< 80
CIS-1,2-DICHLOROETHENE	240	< 62	< 31	< 36	67	19	61
CIS-1,3-DICHLOROPROPENE	< 380	< 120	< 62	< 71	< 25	< 20	< 40
CYCLOHEXANE							
DIBROMOCHLOROMETHANE	< 380	< 120	< 62	< 71	< 25	< 20	< 40
DICHLORODIFLUOROMETHANE							
ETHYLBENZENE	< 380	< 120	< 62	< 71	< 25	< 20	< 40
ISOPROPYLBENZENE							
METHYL ACETATE							
METHYL TERT-BUTYL ETHER							
METHYLCYCLOHEXANE							
METHYLENE CHLORIDE	< 380	< 120	< 62	< 71	< 25	< 20	< 40
N-HEXANE	< 380	< 120	< 62	< 71	< 25	< 20	< 40
STYRENE	< 380	< 120	< 62	< 71	< 25	< 20	< 40
TETRACHLOROETHENE	9000	2800	1700	1600	3200	640	1300
TOLUENE	< 380	< 120	< 62	< 71	< 25	< 20	< 40
TRANS-1,2-DICHLOROETHENE	< 190	< 62	< 31	< 36	< 12	< 10	< 20
TRANS-1,3-DICHLOROPROPENE	< 380	< 120	< 62	< 71	< 25	< 20	< 40
TRICHLOROETHENE	< 380	< 120	< 62	< 71	120	< 20	< 40
TRICHLOROFLUOROMETHANE							
VINYL CHLORIDE	< 770	< 250	< 120	< 140	< 50	< 40	< 80
XYLENES (TOTAL)	< 380	< 120	< 62	< 71	< 25	< 20	< 40

See Table 9 for definitions of data qualifiers
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VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 32: Sewer Backfill VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-13 2003-02-18 Storm Backfill µg/L	MW01-13 2003-09-15 Storm Backfill µg/L	MW01-13 2003-11-07 Storm Backfill µg/L	MW01-13 2004-02-20 Storm Backfill µg/L	MW01-13 2004-04-15 Storm Backfill µg/L	MW02-12 2003-09-15 Storm Backfill µg/L	MW02-12 2003-11-05 Storm Backfill µg/L
1,1,1-TRICHLOROETHANE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
1,1,2-TRICHLOROETHANE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
1,1-DICHLOROETHANE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
1,1-DICHLOROETHENE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 80	< 67	< 67	< 50	< 44	< 2	< 2
1,2-DIBROMOETHANE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
1,2-DICHLOROBENZENE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
1,2-DICHLOROETHANE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)							
1,2-DICHLOROPROPANE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
1,3-DICHLOROBENZENE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
1,4-DICHLOROBENZENE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
2-BUTANONE	< 400	< 330	< 330	< 250	< 220	< 10	0.36 J r
2-HEXANONE	< 400	< 330	< 330	< 250	< 220	< 10	< 10
4-METHYL-2-PENTANONE	< 400	< 330	< 330	< 250	< 220	< 10	< 10
ACETONE	< 400	55 J r	< 330	< 250	< 220	3.4 J r	< 10
BENZENE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
BROMODICHLOROMETHANE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
BROMOFORM	< 40	< 33	< 33	< 25	< 22	< 1	< 1
BROMOMETHANE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
CARBON DISULFIDE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
CARBON TETRACHLORIDE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
CHLOROBENZENE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
CHLOROETHANE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
CHLOROFORM	< 40	< 33	< 33	< 25	< 22	< 1	< 1
CHLOROMETHANE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
CIS-1,2-DICHLOROETHENE	44	17	27	11 J	18	0.42 J	0.35 J
CIS-1,3-DICHLOROPROPENE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
CYCLOHEXANE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
DIBROMOCHLOROMETHANE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
DICHLORODIFLUOROMETHANE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
ETHYLBENZENE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
ISOPROPYLBENZENE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
METHYL ACETATE	< 400	< 330	< 330	< 250	< 220	< 10	< 10
METHYL TERT-BUTYL ETHER	< 200	< 170	< 170	< 120	< 110	< 5	< 5
METHYLCYCLOHEXANE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
METHYLENE CHLORIDE	18 J B	< 33	< 33	< 25	< 22	< 1	< 1
N-HEXANE							
STYRENE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
TETRACHLOROETHENE	1100	830	1000	620	580	2	1.2
TOLUENE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 20	< 17	< 17	< 12	< 11	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
TRICHLOROETHENE	34 J	13 J	19 J	9.8 J	10 J	0.97 J	0.63 J
TRICHLOROFLUOROMETHANE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
VINYL CHLORIDE	< 40	< 33	< 33	< 25	< 22	< 1	< 1
XYLENES (TOTAL)	< 40	< 33	< 33	< 25	< 22	0.62 J	< 1

See Table 9 for definitions of data qualifiers
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bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

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Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 32: Sewer Backfill VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	MW02-12 2004-02-25 Storm Backfill µg/L	MW02-12 2004-04-15 Storm Backfill µg/L	VSGP-004 / 5_5-9_5 GW 2000-04-06 Storm Backfill µg/L	VSGP-005S / 02-06 GW 2000-04-06 Sanitary Backfill µg/L	VSGP-007 / 04-08 GW 2000-04-06 Storm Backfill µg/L	STW01-01 2000-02-17 Storm Backfill µg/L	STW01-01 2000-03-23 Storm Backfill µg/L	STW01-01 2000-04-25 Storm Backfill µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1.2	< 1	< 1.2
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1.2	< 1	< 1.2
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.37 J	< 1						
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1.2	< 1	< 1.2
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1.2	< 1	< 1.2
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1.2	< 1	< 1.2
1,2,4-TRICHLOROBENZENE	< 1	< 1						
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2						
1,2-DIBROMOETHANE	< 1	< 1						
1,2-DICHLOROBENZENE	< 1	< 1						
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1.2	< 1	< 1.2
1,2-DICHLOROETHENE (TOTAL)			< 1	< 1	< 1	< 1.2	< 1	< 1.2
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1.2	< 1	< 1.2
1,3-DICHLOROBENZENE	< 1	< 1						
1,4-DICHLOROBENZENE	< 1	< 1						
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 12	< 10	< 12
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 12	< 10	< 12
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 12	< 10	< 12
ACETONE	< 10	< 10	18	< 10	< 10	< 12	28	< 12
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1.2	< 1	< 1.2
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1.2	< 1	< 1.2
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1.2	< 1	< 1.2
BROMOMETHANE	< 1	< 1	< 2	< 2	< 2	< 2.5	< 2	< 2.5
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1.2	< 1	< 1.2
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1.2	< 1	< 1.2
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1.2	< 1	< 1.2
CHLOROETHANE	< 1	< 1	< 2	< 2	< 2	< 2.5	< 2	< 2.5
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1.2	< 1	< 1.2
CHLOROMETHANE	< 1	< 1	< 2	< 2	< 2	< 2.5	< 2	< 2.5
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.62	< 0.5	< 0.62
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1.2	< 1	< 1.2
CYCLOHEXANE	< 1	< 1						
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1.2	< 1	< 1.2
DICHLORODIFLUOROMETHANE	< 1	< 1						
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1.2	< 1	< 1.2
ISOPROPYLBENZENE	< 1	< 1						
METHYL ACETATE	< 10	< 10						
METHYL TERT-BUTYL ETHER	< 5	< 5						
METHYLCYCLOHEXANE	< 1	< 1						
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1.2	< 1	< 1.2
N-HEXANE			< 1	< 1	< 1	< 1.2	< 1	< 1.2
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1.2	< 1	< 1.2
TETRACHLOROETHENE	2.3	2.3	< 1	< 1	< 1	35	29	45
TOLUENE	< 1	0.22 J	< 1	< 1	< 1	< 1.2	< 1	< 1.2
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.62	< 0.5	< 0.62
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1.2	< 1	< 1.2
TRICHLOROETHENE	0.85 J	1	< 1	< 1	< 1	< 1.2	< 1	< 1.2
TRICHLOROFLUOROMETHANE	< 1	< 1						
VINYL CHLORIDE	< 1	< 1	< 2	< 2	< 2	< 2.5	< 2	< 2.5
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1.2	< 1	< 1.2

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 32: Sewer Backfill VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	STW01-02 2000-02-17 Storm Backfill µg/L	STW01-02 2000-03-23 Storm Backfill µg/L	STW01-02 2000-04-25 Storm Backfill µg/L	STW01-03 2000-02-17 Storm Backfill µg/L	STW01-03 2000-03-23 Storm Backfill µg/L	STW01-03 2000-04-25 Storm Backfill µg/L	STW01-04 2000-02-17 Storm Backfill µg/L	STW01-04 2000-03-23 Storm Backfill µg/L	STW01-04 2000-04-25 Storm Backfill µg/L
1,1,1-TRICHLOROETHANE	< 20	< 10	< 5	< 1	< 3.3	< 1	< 17	< 8.3	< 2.5
1,1,2,2-TETRACHLOROETHANE	< 20	< 10	< 5	< 1	< 3.3	< 1	< 17	< 8.3	< 2.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE									
1,1,2-TRICHLOROETHANE	< 20	< 10	< 5	< 1	< 3.3	< 1	< 17	< 8.3	< 2.5
1,1-DICHLOROETHANE	< 20	< 10	< 5	< 1	< 3.3	< 1	< 17	< 8.3	< 2.5
1,1-DICHLOROETHENE	< 20	< 10	< 5	< 1	< 3.3	< 1	< 17	< 8.3	< 2.5
1,2,4-TRICHLOROBENZENE									
1,2-DIBROMO-3-CHLOROPROPANE									
1,2-DIBROMOETHANE									
1,2-DICHLOROBENZENE									
1,2-DICHLOROETHANE	< 20	< 10	< 5	< 1	< 3.3	< 1	< 17	< 8.3	< 2.5
1,2-DICHLOROETHENE (TOTAL)	< 20	< 10	< 5	9.9	< 3.3	6.4	< 17	< 8.3	8.7
1,2-DICHLOROPROPANE	< 20	< 10	< 5	1.6	< 3.3	1.8	< 17	< 8.3	< 2.5
1,3-DICHLOROBENZENE									
1,4-DICHLOROBENZENE									
2-BUTANONE	< 200	< 100	< 50	< 10	140	< 10	< 170	150	< 25
2-HEXANONE	< 200	< 100	< 50	< 10	< 33	< 10	< 170	< 83	< 25
4-METHYL-2-PENTANONE	< 200	< 100	< 50	< 10	< 33	< 10	< 170	< 83	< 25
ACETONE	< 200	< 100	< 50	< 10	1000	14	< 170	1700	48
BENZENE	< 20	< 10	< 5	< 1	< 3.3	< 1	< 17	< 8.3	< 2.5
BROMODICHLOROMETHANE	< 20	< 10	< 5	< 1	< 3.3	< 1	< 17	< 8.3	< 2.5
BROMOFORM	< 20	< 10	< 5	< 1	< 3.3	< 1	< 17	< 8.3	< 2.5
BROMOMETHANE	< 40	< 20	< 10	< 2	< 6.7	< 2	< 33	< 17	< 5
CARBON DISULFIDE	< 20	< 10	< 5	< 1	6.5	< 1	< 17	< 8.3	< 2.5
CARBON TETRACHLORIDE	< 20	< 10	< 5	< 1	< 3.3	< 1	< 17	< 8.3	< 2.5
CHLOROBENZENE	< 20	< 10	< 5	< 1	< 3.3	< 1	< 17	< 8.3	< 2.5
CHLOROETHANE	< 40	< 20	< 10	< 2	< 6.7	< 2	< 33	< 17	< 5
CHLOROFORM	< 20	< 10	< 5	< 1	< 3.3	< 1	21	< 8.3	< 2.5
CHLOROMETHANE	< 40	< 20	< 10	< 2	< 6.7	< 2	< 33	< 17	< 5
CIS-1,2-DICHLOROETHENE	< 10	< 5	< 2.5	9.3	< 1.7	6.1	14	< 4.2	8.2
CIS-1,3-DICHLOROPROPENE	< 20	< 10	< 5	< 1	< 3.3	< 1	< 17	< 8.3	< 2.5
CYCLOHEXANE									
DIBROMOCHLOROMETHANE	< 20	< 10	< 5	< 1	< 3.3	< 1	< 17	< 8.3	< 2.5
DICHLORODIFLUOROMETHANE									
ETHYLBENZENE	< 20	< 10	< 5	< 1	< 3.3	< 1	< 17	< 8.3	< 2.5
ISOPROPYLBENZENE									
METHYL ACETATE									
METHYL TERT-BUTYL ETHER									
METHYLCYCLOHEXANE									
METHYLENE CHLORIDE	< 20	< 10	< 5	< 1	< 3.3	< 1	< 17	< 8.3	< 2.5
N-HEXANE	< 20	< 10	< 5	1.2	< 3.3	< 1	< 17	< 8.3	< 2.5
STYRENE	< 20	< 10	< 5	< 1	< 3.3	< 1	< 17	< 8.3	< 2.5
TETRACHLOROETHENE	710	330	140	12	< 3.3	9.2	79	< 8.3	48
TOLUENE	< 20	< 10	< 5	< 1	< 3.3	< 1	< 17	< 8.3	< 2.5
TRANS-1,2-DICHLOROETHENE	< 10	< 5	< 2.5	0.53	< 1.7	< 0.5	< 8.3	< 4.2	< 1.2
TRANS-1,3-DICHLOROPROPENE	< 20	< 10	< 5	< 1	< 3.3	< 1	< 17	< 8.3	< 2.5
TRICHLOROETHENE	< 20	< 10	< 5	4.7	< 3.3	4.7	< 17	< 8.3	9.6
TRICHLOROFLUOROMETHANE									
VINYL CHLORIDE	< 40	< 20	< 10	< 2	< 6.7	< 2	< 33	< 17	< 5
XYLENES (TOTAL)	< 20	< 10	< 5	< 1	< 3.3	< 1	< 17	< 8.3	< 2.5

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 32: Sewer Backfill VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	STW01-05 2000-03-23 Storm Backfill µg/L	STW01-05 2000-04-25 Storm Backfill µg/L	STW01-06 2000-02-17 Storm Backfill µg/L	STW01-06 2000-03-23 Storm Backfill µg/L	STW01-06 2000-04-25 Storm Backfill µg/L	STW01-07 2000-02-17 Storm Backfill µg/L	STW01-07 2000-03-23 Storm Backfill µg/L	STW01-07 2000-04-25 Storm Backfill µg/L
1,1,1-TRICHLOROETHANE	< 42	< 250	< 1	< 2 uj	< 1	< 3.8	< 7.1 uj	< 17
1,1,2,2-TETRACHLOROETHANE	< 42	< 250	< 1	< 2 uj	< 1	< 3.8	< 7.1 uj	< 17
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE								
1,1,2-TRICHLOROETHANE	< 42	< 250	< 1	< 2 uj	< 1	< 3.8	< 7.1 uj	< 17
1,1-DICHLOROETHANE	< 42	< 250	< 1	< 2 uj	< 1	< 3.8	< 7.1 uj	< 17
1,1-DICHLOROETHENE	< 42	< 250	< 1	< 2 uj	< 1	< 3.8	< 7.1 uj	< 17
1,2,4-TRICHLOROBENZENE								
1,2-DIBROMO-3-CHLOROPROPANE								
1,2-DIBROMOETHANE								
1,2-DICHLOROBENZENE								
1,2-DICHLOROETHANE	< 42	< 250	< 1	< 2 uj	< 1	< 3.8	< 7.1 uj	< 17
1,2-DICHLOROETHENE (TOTAL)	< 42	1700	7.2	< 2 uj	7.1	92	< 7.1 uj	220
1,2-DICHLOROPROPANE	< 42	< 250	< 1	< 2 uj	< 1	< 3.8	< 7.1 uj	< 17
1,3-DICHLOROBENZENE								
1,4-DICHLOROBENZENE								
2-BUTANONE	< 420	< 2500	< 10	32 j	< 10	< 38	140 j	< 170
2-HEXANONE	< 420	< 2500	< 10	< 20 uj	< 10	< 38	< 71 uj	< 170
4-METHYL-2-PENTANONE	< 420	< 2500	< 10	< 20 uj	< 10	< 19	< 71 uj	< 170
ACETONE	< 420	< 2500	22	330 j	140	< 38	950 j	570
BENZENE	< 42	< 250	< 1	< 2 uj	< 1	< 3.8	< 7.1 uj	< 17
BROMODICHLOROMETHANE	< 42	< 250	< 1	< 2 uj	< 1	< 3.8	< 7.1 uj	< 17
BROMOFORM	< 42	< 250	< 1	< 2 uj	< 1	< 3.8	< 7.1 uj	< 17
BROMOMETHANE	< 83	< 500	< 2	< 4 uj	< 2	< 7.7	< 14 uj	< 33
CARBON DISULFIDE	< 42	< 250	< 1	4.6 j	< 1	< 3.8	< 7.1 uj	< 17
CARBON TETRACHLORIDE	< 42	< 250	< 1	< 2 uj	< 1	< 3.8	< 7.1 uj	< 17
CHLOROBENZENE	< 42	< 250	< 1	< 2 uj	< 1	< 3.8	< 7.1 uj	< 17
CHLOROETHANE	< 83	< 500	< 2	< 4 uj	< 2	< 7.7	< 14 uj	< 33
CHLOROFORM	< 42	< 250	< 1	< 2 uj	< 1	< 3.8	< 7.1 uj	< 17
CHLOROMETHANE	< 83	< 500	< 2	< 4 uj	< 2	< 7.7	< 14 uj	< 33
CIS-1,2-DICHLOROETHENE	< 21	1700	6.9	< 1 uj	6.8	91	< 3.6 uj	220
CIS-1,3-DICHLOROPROPENE	< 42	< 250	< 1	< 2 uj	< 1	< 3.8	< 7.1 uj	< 17
CYCLOHEXANE								
DIBROMOCHLOROMETHANE	< 42	< 250	< 1	< 2 uj	< 1	< 3.8	< 7.1 uj	< 17
DICHLORODIFLUOROMETHANE								
ETHYLBENZENE	< 42	< 250	< 1	< 2 uj	< 1	< 3.8	< 7.1 uj	< 17
ISOPROPYLBENZENE								
METHYL ACETATE								
METHYL TERT-BUTYL ETHER								
METHYLCYCLOHEXANE								
METHYLENE CHLORIDE	< 42	< 250	< 1	< 2 uj	< 1	< 3.8	< 7.1 uj	< 17
N-HEXANE	< 42	< 250	< 1	< 2 uj	< 1	< 3.8	< 7.1 uj	< 17
STYRENE	< 42	< 250	< 1	< 2 uj	< 1	< 3.8	< 7.1 uj	< 17
TETRACHLOROETHENE	1600	6900	6.6	< 2 uj	3.4	150	< 7.1 uj	310
TOLUENE	< 42	< 250	< 1	< 2 uj	< 1	< 3.8	< 7.1 uj	< 17
TRANS-1,2-DICHLOROETHENE	< 21	< 120	< 0.5	< 1 uj	< 0.5	< 1.9	< 3.6 uj	< 8.3
TRANS-1,3-DICHLOROPROPENE	< 42	< 250	< 1	< 2 uj	< 1	< 3.8	< 7.1 uj	< 17
TRICHLOROETHENE	< 42	< 250	9.2	< 2 uj	4.2	91	< 7.1 uj	370
TRICHLOROFLUOROMETHANE								
VINYL CHLORIDE	< 83	< 500	< 2	< 4 uj	< 2	< 7.7	< 14 uj	< 33
XYLENES (TOTAL)	< 42	< 250	< 1	< 2 uj	< 1	< 3.8	< 7.1 uj	< 17

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 33: Sand Seam VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-017 / 12_2-14 SS 1998-12-14 Sand Seam ug/L	GP01-027 / 13_2-13_9 SS 1998-12-16 Sand Seam ug/L	GP01-030 / 12_8-13_4 SS 1998-12-16 Sand Seam ug/L	GP01-032 / 08-08_5 SS 1998-12-17 Sand Seam ug/L	GP01-036 / 10_1-11_1 SS 1998-12-18 Sand Seam ug/L	GP01-036 / 13_7-14_7 SS 1998-12-18 Sand Seam ug/L	GP01-037 / 10_1-11_4 SS 1998-12-18 Sand Seam ug/L	GP01-037 / 13_4-15_2 SS 1998-12-18 Sand Seam ug/L
1,1,1-TRICHLOROETHANE	< 1600	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-TETRACHLOROETHANE	< 1600	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE								
1,1,2-TRICHLOROETHANE	< 1600	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-DICHLOROETHANE	< 1600	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-DICHLOROETHENE	< 1600	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,4-TRICHLOROBENZENE								
1,2-DIBROMO-3-CHLOROPROPANE								
1,2-DIBROMOETHANE								
1,2-DICHLOROBENZENE								
1,2-DICHLOROETHANE	< 1600	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-DICHLOROETHENE (TOTAL)	< 1600	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-DICHLOROPROPANE	< 1600	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,3-DICHLOROBENZENE								
1,4-DICHLOROBENZENE								
2-BUTANONE	< 6200	< 20	< 20	< 20	< 20	< 20	< 20	< 20
2-HEXANONE	< 6200	< 20	< 20	< 20	< 20	< 20	< 20	< 20
4-METHYL-2-PENTANONE	< 6200	< 20	< 20	< 20	< 20	< 20	< 20	< 20
ACETONE	< 6200	< 20	< 20	< 20	< 20	< 20	< 20	< 20
BENZENE	< 1600	< 5	< 5	< 5	< 5	< 5	< 5	< 5
BROMODICHLOROMETHANE	< 1600	< 5	< 5	< 5	< 5	< 5	< 5	< 5
BROMOFORM	< 1600	< 5	< 5	< 5	< 5	< 5	< 5	< 5
BROMOMETHANE	< 3100	< 10	< 10	< 10	< 10	< 10	< 10	< 10
CARBON DISULFIDE	< 1600	< 5	< 5	< 5	< 5	< 5	< 5	< 5
CARBON TETRACHLORIDE	< 1600	< 5	< 5	< 5	< 5	< 5	< 5	< 5
CHLOROBENZENE	< 1600	< 5	< 5	< 5	< 5	< 5	< 5	< 5
CHLOROETHANE	< 3100	< 10	< 10	< 10	< 10	< 10	< 10	< 10
CHLOROFORM	< 1600	< 5	< 5	< 5	< 5	< 5	< 5	< 5
CHLOROMETHANE	< 3100	< 10	< 10	< 10	< 10	< 10	< 10	< 10
CIS-1,2-DICHLOROETHENE	< 780	< 2.5	< 2.5	< 2.5	2.9	< 2.5	< 2.5	< 2.5
CIS-1,3-DICHLOROPROPENE	< 1600	< 5	< 5	< 5	< 5	< 5	< 5	< 5
CYCLOHEXANE								
DIBROMOCHLOROMETHANE	< 1600	< 5	< 5	< 5	< 5	< 5	< 5	< 5
DICHLORODIFLUOROMETHANE								
ETHYLBENZENE	< 1600	< 5	< 5	< 5	< 5	< 5	< 5	< 5
HEXACHLOROBUTADIENE								
ISOPROPYLBENZENE								
METHYL ACETATE								
METHYL TERT-BUTYL ETHER								
METHYLCYCLOHEXANE								
METHYLENE CHLORIDE	< 1600	6.2	< 5	< 5	< 5	11	< 5	11
NAPHTHALENE								
N-HEXANE	< 1600	< 5	< 5	< 5	< 5	< 5	< 5	< 5
STYRENE	< 1600	< 5	< 5	< 5	< 5	< 5	< 5	< 5
TETRACHLOROETHENE	40000	< 5	< 5	< 5	< 5	< 5	5.3	< 5
TOLUENE	< 1600	< 5	< 5	< 5	< 5	< 5	< 5	< 5
TRANS-1,2-DICHLOROETHENE								
TRANS-1,2-DICHLOROETHYLENE	< 780	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
TRANS-1,3-DICHLOROPROPENE	< 1600	< 5	< 5	< 5	< 5	< 5	< 5	< 5
TRICHLOROETHENE	< 1600	< 5	< 5	< 5	< 5	< 5	< 5	< 5
TRICHLOROFLUOROMETHANE								
VINYL CHLORIDE	< 3100	< 10	< 10	< 10	< 10	< 10	< 10	< 10
XYLENES (TOTAL)	< 1600	< 5	< 5	< 5	< 5	< 5	< 5	< 5

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 33: Sand Seam VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-059 / 10-11_5 GW DUP 2004-02-03 Sand Seam ug/L	GP01-059 / 10-11_5 GW 2004-02-03 Sand Seam ug/L	GP01-092 / 13_8-14_3 SS 2000-05-19 Sand Seam ug/L	GP01-096 / 15-16_9 SS 2000-05-21 Sand Seam ug/L	GP01-097 / 15_5-16_8 SS 2000-05-21 Sand Seam ug/L	GP01-098 / 14_5-16 SS 2000-05-21 Sand Seam ug/L	GP01-098 / 17_5-20 SS 2000-05-21 Sand Seam ug/L	GP01-099 / 16_2-17_3 SS 2000-05-21 Sand Seam ug/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 5.8	< 5.6	< 5.5	< 700	< 5.5	< 5.3
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 5.8	< 5.6	< 5.5	< 700	< 5.5	< 5.3
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1						
1,1,2-TRICHLOROETHANE	< 1	< 1	< 5.8	< 5.6	< 5.5	< 700	< 5.5	< 5.3
1,1-DICHLOROETHANE	< 1	< 1	< 5.8	< 5.6	< 5.5	< 700	< 5.5	< 5.3
1,1-DICHLOROETHENE	< 1	< 1	< 5.8	< 5.6	< 5.5	< 700	< 5.5	< 5.3
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 12	< 11	< 11	< 1400	< 11	< 11
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2						
1,2-DIBROMOETHANE	< 1	< 1						
1,2-DICHLOROBENZENE	< 1	< 1	< 12	< 11	< 11	< 1400	< 11	< 11
1,2-DICHLOROETHANE	< 1	< 1	< 5.8	< 5.6	< 5.5	< 700	< 5.5	< 5.3
1,2-DICHLOROETHENE (TOTAL)			100	87	< 5.5	< 700	< 5.5	< 5.3
1,2-DICHLOROPROPANE	< 1	< 1	< 5.8	< 5.6	< 5.5	< 700	< 5.5	< 5.3
1,3-DICHLOROBENZENE	< 1	< 1	< 12	< 11	< 11	< 1400	< 11	< 11
1,4-DICHLOROBENZENE	< 1	< 1	< 12	< 11	< 11	< 1400	< 11	< 11
2-BUTANONE	< 10	< 10	< 23	< 22	< 22	< 2800	< 22	< 21
2-HEXANONE	< 10	< 10	< 23	< 22	< 22	< 2800	< 22	< 21
4-METHYL-2-PENTANONE	< 10	< 10	< 23	< 22	< 22	< 2800	< 22	< 21
ACETONE	< 10	< 10	< 23	< 22	< 22	< 2800	< 22	< 21
BENZENE	< 1	0.23 J	< 5.8	< 5.6	< 5.5	< 700	< 5.5	< 5.3
BROMODICHLOROMETHANE	< 1	< 1	< 5.8	< 5.6	< 5.5	< 700	< 5.5	< 5.3
BROMOFORM	< 1	< 1	< 5.8	< 5.6	< 5.5	< 700	< 5.5	< 5.3
BROMOMETHANE	< 1	< 1	< 12	< 11	< 11	< 1400	< 11	< 11
CARBON DISULFIDE	< 1	< 1	< 5.8	< 5.6	< 5.5	< 700	< 5.5	< 5.3
CARBON TETRACHLORIDE	< 1	< 1	< 5.8	< 5.6	< 5.5	< 700	< 5.5	< 5.3
CHLOROBENZENE	< 1	< 1	< 5.8	< 5.6	< 5.5	< 700	< 5.5	< 5.3
CHLOROETHANE	< 1	< 1	< 12	< 11	< 11	< 1400	< 11	< 11
CHLOROFORM	< 1	< 1	< 5.8	< 5.6	< 5.5	< 700	< 5.5	< 5.3
CHLOROMETHANE	0.28 J B u	< 1	< 12	< 11	< 11	< 1400	< 11	< 11
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	100	86	3.6	< 350	< 2.7	< 2.6
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 5.8	< 5.6	< 5.5	< 700	< 5.5	< 5.3
CYCLOHEXANE	< 1	0.42 J						
DIBROMOCHLOROMETHANE	< 1	< 1	< 5.8	< 5.6	< 5.5	< 700	< 5.5	< 5.3
DICHLORODIFLUOROMETHANE	< 1	< 1						
ETHYLBENZENE	0.19 J	0.19 J	< 5.8	< 5.6	< 5.5	< 700	< 5.5	< 5.3
HEXACHLOROBUTADIENE			< 12	< 11	< 11	< 1400	< 11	< 11
ISOPROPYLBENZENE	< 1	< 1						
METHYL ACETATE	< 10	< 10						
METHYL TERT-BUTYL ETHER	< 5	< 5						
METHYLCYCLOHEXANE	0.36 J	0.52 J						
METHYLENE CHLORIDE	< 1	< 1	< 5.8	< 5.6	< 5.5	< 700	< 5.5	< 5.3
NAPHTHALENE			< 12	< 11	< 11	< 1400	< 11	< 11
N-HEXANE			< 5.8	< 5.6	< 5.5	< 700	< 5.5	< 5.3
STYRENE	< 1	< 1	< 5.8	< 5.6	< 5.5	< 700	< 5.5	< 5.3
TETRACHLOROETHENE	12	13	< 5.8	< 5.6	57	13000	< 5.5	19
TOLUENE	0.54 J	0.67 J	< 5.8	< 5.6	< 5.5	< 700	< 5.5	< 5.3
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	4	< 2.8	< 2.8	< 350	< 2.7	< 2.6
TRANS-1,2-DICHLOROETHYLENE								
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 5.8	< 5.6	< 5.5	< 700	< 5.5	< 5.3
TRICHLOROETHENE	< 1	< 1	< 5.8	< 5.6	< 5.5	< 700	< 5.5	< 5.3
TRICHLOROFLUOROMETHANE	< 1	< 1						
VINYL CHLORIDE	< 1	< 1	< 12	< 11	< 11	< 1400	< 11	< 11
XYLENES (TOTAL)	< 1	< 1	< 5.8	< 5.6	< 5.5	< 700	< 5.5	< 5.3

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 33: Sand Seam VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-104 / 15-17_1 SS 2000-05-21 Sand Seam ug/L	GP01-107 / 09-10_7 SS 2000-05-22 Sand Seam ug/L	GP01-108 / 06_5-07_5 SS 2000-05-22 Sand Seam ug/L	GP01-111 / 08-09_5 GW 2003-11-12 Sand Seam ug/L	GP01-111 / 12_5-13 GW 2003-11-12 Sand Seam ug/L	GP01-112 / 08-11 GW 2003-11-12 Sand Seam ug/L	GP01-112 / 14-16 GW 2003-11-13 Sand Seam ug/L	GP01-115 / 10_5-11 GW 2003-11-14 Sand Seam ug/L
1,1,1-TRICHLOROETHANE	< 5.6	< 1700	< 740	< 33	< 6.7	< 4	< 2.5	< 40
1,1,2,2-TETRACHLOROETHANE	< 5.6	< 1700	< 740	< 33	< 6.7	< 4	< 2.5	< 40
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE				< 33	< 6.7	< 4	< 2.5	< 40
1,1,2-TRICHLOROETHANE	< 5.6	< 1700	< 740	< 33	< 6.7	< 4	< 2.5	< 40
1,1-DICHLOROETHANE	< 5.6	< 1700	< 740	< 33	< 6.7	< 4	< 2.5	< 40
1,1-DICHLOROETHENE	< 5.6	< 1700	< 740	< 33	< 6.7	< 4	< 2.5	< 40
1,2,4-TRICHLOROBENZENE	< 11	< 3500	< 1500	< 33	< 6.7	< 4	< 2.5	< 40
1,2-DIBROMO-3-CHLOROPROPANE				< 67	< 13	< 8	< 5	< 80
1,2-DIBROMOETHANE				< 33	< 6.7	< 4	< 2.5	< 40
1,2-DICHLOROBENZENE	< 11	< 3500	< 1500	< 33	< 6.7	< 4	< 2.5	< 40
1,2-DICHLOROETHANE	< 5.6	< 1700	< 740	< 33	< 6.7	< 4	< 2.5	< 40
1,2-DICHLOROETHENE (TOTAL)	< 5.6	< 1700	< 740					
1,2-DICHLOROPROPANE	< 5.6	< 1700	< 740	< 33	< 6.7	0.86 J j-	7.3	< 40
1,3-DICHLOROBENZENE	< 11	< 3500	< 1500	< 33	< 6.7	< 4	< 2.5	< 40
1,4-DICHLOROBENZENE	< 11	< 3500	< 1500	< 33	< 6.7	< 4	< 2.5	< 40
2-BUTANONE	< 23	< 7000	< 2900	< 330	< 67	< 40	< 25	< 400
2-HEXANONE	< 23	< 7000	< 2900	< 330	< 67	< 40	< 25	< 400
4-METHYL-2-PENTANONE	< 23	< 7000	< 2900	< 330	< 67	< 40	< 25	< 400
ACETONE	< 23	< 7000	< 2900	< 330	< 67	< 40	3.3 J r	< 400
BENZENE	< 5.6	< 1700	< 740	< 33	< 6.7	< 4	< 2.5	< 40
BROMODICHLOROMETHANE	< 5.6	< 1700	< 740	< 33	< 6.7	< 4	< 2.5	< 40
BROMOFORM	< 5.6	< 1700	< 740	< 33	< 6.7	< 4	< 2.5	< 40
BROMOMETHANE	< 11	< 3500	< 1500	< 33	< 6.7	< 4	< 2.5	< 40
CARBON DISULFIDE	< 5.6	< 1700	< 740	< 33	< 6.7	< 4	< 2.5	< 40
CARBON TETRACHLORIDE	< 5.6	< 1700	< 740	< 33	< 6.7	1.3 J j-	3.2	< 40
CHLOROBENZENE	< 5.6	< 1700	< 740	< 33	< 6.7	< 4	< 2.5	< 40
CHLOROETHANE	< 11	< 3500	< 1500	< 33	< 6.7	< 4	< 2.5	< 40
CHLOROFORM	< 5.6	< 1700	< 740	< 33	< 6.7	3.5 J j-r	1.3 J r	< 40
CHLOROMETHANE	< 11	< 3500	< 1500	< 33	< 6.7	< 4	< 2.5	< 40
CIS-1,2-DICHLOROETHENE	< 2.8	< 870	< 370	< 17	< 3.3	6.1 j-	2.2	35 j-
CIS-1,3-DICHLOROPROPENE	< 5.6	< 1700	< 740	< 33	< 6.7	< 4	< 2.5	< 40
CYCLOHEXANE				< 33	< 6.7	< 4	1.9 J	< 40
DIBROMOCHLOROMETHANE	< 5.6	< 1700	< 740	< 33	< 6.7	< 4	< 2.5	< 40
DICHLORODIFLUOROMETHANE				< 33	< 6.7	< 4	< 2.5	< 40
ETHYLBENZENE	< 5.6	< 1700	< 740	< 33	< 6.7	< 4	< 2.5	< 40
HEXACHLOROBUTADIENE	< 11	< 3500	< 1500					
ISOPROPYLBENZENE				< 33	< 6.7	< 4	< 2.5	< 40
METHYL ACETATE				< 330	< 67	< 40	< 25	< 400
METHYL TERT-BUTYL ETHER				< 170	< 33	< 20	< 12	< 200
METHYLCYCLOHEXANE				< 33	< 6.7	< 4	< 2.5	< 40
METHYLENE CHLORIDE	< 5.6	< 1700	< 740	< 33	< 6.7	< 4	< 2.5	< 40
NAPHTHALENE	< 11	< 3500	< 1500					
N-HEXANE	< 5.6	< 1700	< 740					
STYRENE	< 5.6	< 1700	< 740	< 33	< 6.7	< 4	< 2.5	< 40
TETRACHLOROETHENE	< 5.6	46000	15000	740	54	82 j-	1.6 J	5.7 J j-
TOLUENE	< 5.6	< 1700	< 740	< 33	< 6.7	1.1 J j-	0.9 J	< 40
TRANS-1,2-DICHLOROETHENE	< 2.8	< 870	< 370	< 17	< 3.3	< 2	< 1.2	< 20
TRANS-1,2-DICHLOROETHYLENE								
TRANS-1,3-DICHLOROPROPENE	< 5.6	< 1700	< 740	< 33	< 6.7	< 4	< 2.5	< 40
TRICHLOROETHENE	< 5.6	< 1700	< 740	< 33	240	22 j-	72	1200 j-
TRICHLOROFLUOROMETHANE				< 33	< 6.7	< 4	< 2.5	< 40
VINYL CHLORIDE	< 11	< 3500	< 1500	< 33	< 6.7	< 4	< 2.5	< 40
XYLENES (TOTAL)	< 5.6	< 1700	< 740	< 33	< 6.7	< 4	< 2.5	< 40

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 33: Sand Seam VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-119 / 15-15_5 GW 2003-11-14 Sand Seam ug/L	GP01-121 / 12-14 GW 2003-11-14 Sand Seam ug/L	GP01-132 / 10_5-12 GW 2004-02-03 Sand Seam ug/L	GP02-006 / 13-14 SS 1998-12-21 Sand Seam ug/L	GP02-007 / 15-16 SS 1998-12-22 Sand Seam ug/L	GP02-007 / 18-19 SS 1998-12-22 Sand Seam ug/L	GP02-059 / 09-11 GW 2003-11-05 Sand Seam ug/L	GP02-061 / 07-10 GW 2003-11-06 Sand Seam ug/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 5	< 5	< 5	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 5	< 5	< 5	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	0.28 J j-	< 1				< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 5	< 5	< 5	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 5	< 5	< 5	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 5	< 5	< 5	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1				< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2				< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1				< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1				< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 5	< 5	< 5	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)				< 5	< 5	< 5		
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 5	< 5	< 5	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1				< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1				< 1	< 1
2-BUTANONE	0.67 J j-r	0.69 J j-r	< 10	< 20	< 20	< 20	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 20	< 20	< 20	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 20	< 20	< 20	< 10	< 10
ACETONE	2.4 J j-r	2 J j-r	< 10	< 20	< 20	< 20	< 10	1.2 J j-r
BENZENE	0.22 J j-	0.64 J j-	0.44 J	< 5	< 5	< 5	0.29 J	0.31 J j-
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 5	< 5	< 5	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 5	< 5	< 5	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 10	< 10	< 10	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 5	< 5	< 5	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 5	< 5	< 5	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 5	< 5	< 5	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 10	< 10	< 10	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 5	< 5	< 5	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 10	< 10	< 10	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 2.5	< 2.5	< 2.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 5	< 5	< 5	< 1	< 1
CYCLOHEXANE	< 1	< 1	0.63 J				< 1	0.35 J j-
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 5	< 5	< 5	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1				< 1	< 1
ETHYLBENZENE	< 1	0.32 J j-	0.39 J	< 5	< 5	< 5	< 1	< 1
HEXACHLOROBUTADIENE								
ISOPROPYLBENZENE	< 1	< 1	< 1				< 1	< 1
METHYL ACETATE	< 10	< 10	< 10				< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5				< 5	< 5
METHYLCYCLOHEXANE	0.25 J j-	0.57 J j-	0.79 J				< 1	0.33 J j-
METHYLENE CHLORIDE	< 1	< 1	< 1	7.1	< 5	< 5	< 1	< 1
NAPHTHALENE								
N-HEXANE				< 5	< 5	< 5		
STYRENE	< 1	< 1	< 1	< 5	< 5	< 5	< 1	< 1
TETRACHLOROETHENE	0.16 J j-	13 j-	0.74 J	< 5	< 5	< 5	< 1	< 1
TOLUENE	0.57 J j-	1.5 j-	1.3	< 5	< 5	< 5	0.59 J	0.71 J j-
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5				< 0.5	< 0.5
TRANS-1,2-DICHLOROETHYLENE				< 2.5	< 2.5	< 2.5		
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 5	< 5	< 5	< 1	< 1
TRICHLOROETHENE	0.94 J j-	< 1	0.3 J	< 5	< 5	< 5	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1				< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 10	< 10	< 10	< 1	< 1
XYLENES (TOTAL)	< 1	0.89 J j-	0.69 J	< 5	< 5	< 5	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
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DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 33: Sand Seam VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP02-064 / 13_5-15 GW 2003-11-06 Sand Seam ug/L	GP02-065 / 11-15 GW 2003-11-07 Sand Seam ug/L	GP02-066 / 19-23 GW 2003-11-07 Sand Seam ug/L	GP02-067 / 09-13 GW 2003-11-10 Sand Seam ug/L	GP02-068 / 07_5-11 GW 2003-11-10 Sand Seam ug/L	GP02-068 / 16-19 GW 2003-11-10 Sand Seam ug/L	GP02-070 / 13-15 GW 2003-11-11 Sand Seam ug/L	GP02-071 / 08-12 GW 2003-11-11 Sand Seam ug/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)								
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	0.37 J r	< 10	0.46 J r	0.41 J r	< 10	0.48 J j-r	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	0.96 J r	0.87 J r	< 10	1.3 J r	0.76 J r	1 J j-r	< 10	< 10
BENZENE	< 1	0.53 J B	0.35 J B	0.33 J	0.33 J	0.2 J j-	0.2 J	0.4 J j-
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	0.36 J	< 1	0.51 J	0.44 J	< 1	< 1	0.39 J j-
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	0.19 J	< 1	0.2 J	0.21 J	< 1	< 1	0.19 J j-
HEXACHLOROBUTADIENE								
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	0.29 J	0.42 J	< 1	0.47 J	0.47 J	< 1	0.24 J	0.39 J j-
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
NAPHTHALENE								
N-HEXANE								
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	0.34 J	0.38 J	< 1	< 1	1 j-
TOLUENE	0.41 J	0.8 J	0.21 J	0.79 J	0.92 J	0.36 J j-	0.5 J	1.1 j-
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,2-DICHLOROETHYLENE								
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	0.36 J	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

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Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 33: Sand Seam VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP02-072 / 07-11 GW 2003-11-11 Sand Seam ug/L	GP02-073 / 07-11 GW 2003-11-11 Sand Seam ug/L	GP02-073 / 16-18 GW 2003-11-11 Sand Seam ug/L	GP02-074 / 07_5-11_5 GW 2003-11-12 Sand Seam ug/L	GP02-076 / 11-13 GW 2003-11-12 Sand Seam ug/L	GP02-077 / 08-11 GW 2003-11-12 Sand Seam ug/L	GP02-084 / 11-12 GW 2004-01-22 Sand Seam ug/L	GP02-085 / 09_5-10_5 GW 2004-01-22 Sand Seam ug/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 3.3	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)								
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1.7	3 j-	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
2-BUTANONE	0.57 J j-r	< 10	0.43 J r	< 17	0.45 J j-r	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 17	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 17	< 10	< 10	< 10	< 10
ACETONE	1.5 J j-r	0.7 J r	0.98 J r	< 17	1.5 J j-r	< 10	2.1 J B u	1.2 J B u
BENZENE	0.65 J j-	0.39 J	0.26 J	< 1.7	0.38 J j-	0.51 J	0.31 J	0.21 J
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.84	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
CYCLOHEXANE	0.51 J j-	0.44 J	< 1	< 1.7	0.36 J j-	0.59 J	0.44 J	0.43 J
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
ETHYLBENZENE	0.28 J j-	0.29 J	< 1	< 1.7	0.23 J j-	0.45 J	0.23 J	0.29 J
HEXACHLOROBUTADIENE								
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 17	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 8.4	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	0.51 J j-	0.57 J	0.28 J	< 1.7	< 1	0.77 J	0.49 J	0.58 J
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
NAPHTHALENE								
N-HEXANE								
STYRENE	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	2	< 1	39	< 1	< 1	< 1	< 1
TOLUENE	1.5 j-	1.1	0.53 J	0.49 J	0.89 J j-	1.5	0.83 J	0.81 J
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.84	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,2-DICHLOROETHYLENE								
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	1.2 J	1 j-	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1.7	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	0.76 J j-	0.57 J	< 1	< 1.7	< 1	0.83 J	< 1	0.54 J

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 33: Sand Seam VOC Analytical Data

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP02-088 / 07_5-09_5 GW 2004-01-26 Sand Seam ug/L	GP02-088 / 10_5-14_5 GW 2004-01-26 Sand Seam ug/L	GP02-089 / 11-15 GW 2004-01-26 Sand Seam ug/L	GP02-090 / 11-15 GW 2004-01-26 Sand Seam ug/L	GP02-091 / 09-12 GW 2004-01-23 Sand Seam ug/L	GP02-093 / 08-12 GW 2004-01-23 Sand Seam ug/L	MW02-860 Dayton St 2004-03-31 Sand Seam ug/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)							
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	0.87 J	< 10	< 10	0.59 J	0.52 J	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	1.3 J B u	3.3 J B u	1 J B u	1.4 J B u	2 J B u	2.9 J B u	< 10
BENZENE	0.38 J	0.59 J	0.26 J	0.31 J	0.46 J	0.5 J	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	0.22 J	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	0.62 J	0.41 J	0.42 J	< 1	0.47 J	0.73 J	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	0.37 J	0.23 J	0.21 J	< 1	0.23 J	0.42 J	< 1
HEXACHLOROBUTADIENE							
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	0.72 J	0.32 J	0.44 J	0.3 J	0.58 J	1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
NAPHTHALENE							
N-HEXANE							
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	1.4	1.5	0.75 J	0.79 J	1.2	1.5	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,2-DICHLOROETHYLENE							
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	0.32 J	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	0.94 J	0.69 J	< 1	< 1	0.71 J	0.87 J	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 34: Upper Cedarville Aquifer VOC Analytical Data from Direct-Push Samples

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-017 / 16 GW 1998-12-14 CA Ground Water µg/L	GP01-018 / 17 GW 1998-12-14 CA Ground Water µg/L	GP01-019 / 16 GW 1998-12-14 CA Ground Water µg/L	GP01-020 / 16 GW 1998-12-14 CA Ground Water µg/L	GP01-021 / 16 GW 1998-12-15 CA Ground Water µg/L	GP01-022 / 14 GW 1998-12-15 CA Ground Water µg/L	GP01-023 / 15 GW 1998-12-16 CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 3.3	< 7100	< 10	< 25	< 1	< 3.6	< 1
1,1,2,2-TETRACHLOROETHANE	< 3.3	< 7100	< 10	< 25	< 1	< 3.6	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE							
1,1,2-TRICHLOROETHANE	< 3.3	< 7100	< 10	< 25	< 1	< 3.6	< 1
1,1-DICHLOROETHANE	< 3.3	< 7100	< 10	< 25	< 1	< 3.6	< 1
1,1-DICHLOROETHENE	< 3.3	< 7100	< 10	< 25	< 1	< 3.6	< 1
1,2,4-TRICHLOROBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DIBROMOETHANE							
1,2-DICHLOROBENZENE							
1,2-DICHLOROETHANE							
1,2-DICHLOROETHENE (TOTAL)	3.6	< 7100	9.7 J	14 J	22	46	8.9
1,2-DICHLOROPROPANE	< 3.3	< 7100	< 10	< 25	0.66 J	1 J	< 1
1,3-DICHLOROBENZENE							
1,4-DICHLOROBENZENE							
2-BUTANONE	< 33	< 71000	< 100	< 250	< 10	< 36	< 10
2-HEXANONE	< 33	< 71000	< 100	< 250	< 10	< 36	< 10
4-METHYL-2-PENTANONE	< 33	< 71000	< 100	< 250	< 10	< 36	< 10
ACETONE	< 33	< 71000	< 100	< 250	< 10	< 36	< 10
BENZENE	< 3.3	< 7100	< 10	< 25	0.77 J	< 3.6	< 1
BROMODICHLOROMETHANE	< 3.3	< 7100	< 10	< 25	< 1	< 3.6	< 1
BROMOFORM	< 3.3	< 7100	< 10	< 25	< 1	< 3.6	< 1
BROMOMETHANE	< 6.7	< 14000	< 20	< 50	< 2	< 7.1	< 2
CARBON DISULFIDE	< 3.3	< 7100	< 10	< 25	< 1	< 3.6	< 1
CARBON TETRACHLORIDE	< 3.3	< 7100	< 10	< 25	< 1	< 3.6	< 1
CHLOROBENZENE	< 3.3	< 7100	< 10	< 25	< 1	< 3.6	< 1
CHLOROETHANE	< 6.7	< 14000	< 20	< 50	< 2	< 7.1	< 2
CHLOROFORM	< 3.3	< 7100	< 10	< 25	< 1	< 3.6	< 1
CHLOROMETHANE	< 6.7	< 14000	< 20	< 50	< 2	< 7.1	< 2
CIS-1,2-DICHLOROETHENE	3.6	< 3600	9.7	14	21	44	8.9
CIS-1,3-DICHLOROPROPENE	< 3.3	< 7100	< 10	< 25	< 1	< 3.6	< 1
CYCLOHEXANE							
DIBROMOCHLOROMETHANE	< 3.3	< 7100	< 10	< 25	< 1	< 3.6	< 1
DICHLORODIFLUOROMETHANE							
ETHYLBENZENE	< 3.3	< 7100	< 10	< 25	< 1	< 3.6	< 1
ISOPROPYLBENZENE							
METHYL ACETATE							
METHYL TERT-BUTYL ETHER							
METHYLCYCLOHEXANE							
METHYLENE CHLORIDE	2.1 J B	2600 J B	6.1 J B	11 J B	1.2 B u	3.3 J B	0.75 J B
N-HEXANE	< 3.3	< 7100	< 10	< 25	< 1	< 3.6	< 1
STYRENE	< 3.3	< 7100	< 10	< 25	< 1	< 3.6	< 1
TETRACHLOROETHENE	66	160000	210	630	8	19	7.3
TOLUENE	< 3.3	< 7100	< 10	< 25	0.85 J	0.82 J	< 1
TRANS-1,2-DICHLOROETHENE	< 1.7	< 3600	< 5	< 12	0.53	1.1 J	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 3.3	< 7100	< 10	< 25	< 1	< 3.6	< 1
TRICHLOROETHENE	6.7	< 7100	100	71	7.1	80	3
TRICHLOROFLUOROMETHANE							
VINYL CHLORIDE	< 6.7	< 14000	< 20	< 50	0.3 J	< 7.1	1.3 J
XYLENES (TOTAL)	< 3.3	< 7100	< 10	< 25	0.65 J	< 3.6	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 34: Upper Cedarville Aquifer VOC Analytical I

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-024 / 14 GW 1998-12-15 CA Ground Water µg/L	GP01-025 / 15 GW 1998-12-16 CA Ground Water µg/L	GP01-026 / 15 GW 1998-12-16 CA Ground Water µg/L	GP01-027 / 17 GW 1998-12-16 CA Ground Water µg/L	GP01-028 / 13 GW 1998-12-16 CA Ground Water µg/L	GP01-029 / 14 GW 1998-12-16 CA Ground Water µg/L	GP01-030 / 15 GW 1998-12-16 CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 17	< 1	< 8.3	< 1	< 1	< 2.5	< 5
1,1,2,2-TETRACHLOROETHANE	< 17	< 1	< 8.3	< 1	< 1	< 2.5	< 5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE							
1,1,2-TRICHLOROETHANE	< 17	< 1	< 8.3	< 1	< 1	< 2.5	< 5
1,1-DICHLOROETHANE	< 17	< 1	< 8.3	< 1	< 1	< 2.5	< 5
1,1-DICHLOROETHENE	< 17	< 1	< 8.3	< 1	< 1	< 2.5	< 5
1,2,4-TRICHLOROBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DIBROMOETHANE							
1,2-DICHLOROBENZENE							
1,2-DICHLOROETHANE							
1,2-DICHLOROETHENE (TOTAL)	160	6.2	< 8.3	0.58 J	2.5	72	120
1,2-DICHLOROPROPANE	3.5 J	< 1	210	1.2	< 1	12	6.4
1,3-DICHLOROBENZENE							
1,4-DICHLOROBENZENE							
2-BUTANONE	< 170	< 10	< 83	< 10	< 10	< 25	< 50
2-HEXANONE	< 170	< 10	< 83	< 10	< 10	< 25	< 50
4-METHYL-2-PENTANONE	< 170	< 10	< 83	< 10	< 10	< 25	< 50
ACETONE	< 170	< 10	< 83	< 10	< 10	< 25	< 50
BENZENE	< 17	< 1	< 8.3	< 1	< 1	< 2.5	< 5
BROMODICHLOROMETHANE	< 17	< 1	< 8.3	< 1	< 1	< 2.5	< 5
BROMOFORM	< 17	< 1	< 8.3	< 1	< 1	< 2.5	< 5
BROMOMETHANE	< 33	< 2	< 17	< 2	< 2	< 5	< 10
CARBON DISULFIDE	< 17	< 1	< 8.3	< 1	< 1	< 2.5	< 5
CARBON TETRACHLORIDE	< 17	< 1	< 8.3	< 1	< 1	< 2.5	< 5
CHLOROBENZENE	< 17	< 1	< 8.3	< 1	< 1	< 2.5	< 5
CHLOROETHANE	< 33	< 2	< 17	< 2	< 2	< 5	< 10
CHLOROFORM	< 17	< 1	< 8.3	< 1	< 1	< 2.5	< 5
CHLOROMETHANE	< 33	< 2	< 17	< 2	< 2	< 5	< 10
CIS-1,2-DICHLOROETHENE	160	6.2	< 4.2	0.58	2.5	70	110
CIS-1,3-DICHLOROPROPENE	< 17	< 1	< 8.3	< 1	< 1	< 2.5	< 5
CYCLOHEXANE							
DIBROMOCHLOROMETHANE	< 17	< 1	< 8.3	< 1	< 1	< 2.5	< 5
DICHLORODIFLUOROMETHANE							
ETHYLBENZENE	< 17	< 1	< 8.3	< 1	< 1	< 2.5	< 5
ISOPROPYLBENZENE							
METHYL ACETATE							
METHYL TERT-BUTYL ETHER							
METHYLCYCLOHEXANE							
METHYLENE CHLORIDE	6.9 J B	0.89 J B	6.1 J B	1.6 B u	1.3 B u	4.3	3.2 J
N-HEXANE	< 17	0.31 J	< 8.3	< 1	< 1	< 2.5	< 5
STYRENE	< 17	< 1	< 8.3	< 1	< 1	< 2.5	< 5
TETRACHLOROETHENE	< 17	< 1	< 8.3	< 1	0.88 J	2.2 J	< 5
TOLUENE	< 17	0.52 J	< 8.3	< 1	< 1	< 2.5	< 5
TRANS-1,2-DICHLOROETHENE	< 8.3	< 0.5	< 4.2	< 0.5	< 0.5	2.5	2.8
TRANS-1,3-DICHLOROPROPENE	< 17	< 1	< 8.3	< 1	< 1	< 2.5	< 5
TRICHLOROETHENE	430	4.9	5.8 J	3.3	0.47 J	11	47
TRICHLOROFLUOROMETHANE							
VINYL CHLORIDE	< 33	< 2	< 17	< 2	< 2	< 5	< 10
XYLENES (TOTAL)	< 17	< 1	< 8.3	< 1	< 1	< 2.5	< 5

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 34: Upper Cedarville Aquifer VOC Analytical I

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-031 / 14 GW 1998-12-17 CA Ground Water µg/L	GP01-032 / 15 GW 1998-12-17 CA Ground Water µg/L	GP01-033 / 17 GW DUP 1998-12-17 CA Ground Water µg/L	GP01-033 / 17 GW 1998-12-17 CA Ground Water µg/L	GP01-034 / 16 GW 1998-12-18 CA Ground Water µg/L	GP01-035 / 17 GW 1998-12-18 CA Ground Water µg/L	GP01-036 / 20 GW 1998-12-18 CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 2.5	< 170	< 170	< 12	< 2.5	< 1.7
1,1,2,2-TETRACHLOROETHANE	< 1	< 2.5	< 170	< 170	< 12	< 2.5	< 1.7
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE							
1,1,2-TRICHLOROETHANE	< 1	< 2.5	< 170	< 170	< 12	< 2.5	< 1.7
1,1-DICHLOROETHANE	< 1	< 2.5	21 J	17 J	2.7 J	1.2 J	0.29 J
1,1-DICHLOROETHENE	< 1	< 2.5	< 170	< 170	< 12	0.34 J	< 1.7
1,2,4-TRICHLOROBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DIBROMOETHANE							
1,2-DICHLOROBENZENE							
1,2-DICHLOROETHANE							
1,2-DICHLOROETHENE (TOTAL)	12	70	< 170	< 170	6.7 J	3.6	4
1,2-DICHLOROPROPANE	0.21 J	0.94 J	< 170	15 J	3.8 J	5.4	1.3 J
1,3-DICHLOROBENZENE							
1,4-DICHLOROBENZENE							
2-BUTANONE	< 10	< 25	< 1700	< 1700	< 120	< 25	< 17
2-HEXANONE	< 10	< 25	< 1700	< 1700	< 120	< 25	< 17
4-METHYL-2-PENTANONE	< 10	< 25	< 1700	< 1700	< 120	< 25	< 17
ACETONE	9.9 J	< 25	< 1700	< 1700	< 120	< 25	< 17
BENZENE	0.23 J	0.77 J	< 170	< 170	< 12	1.1 J	< 1.7
BROMODICHLOROMETHANE	< 1	< 2.5	< 170	< 170	< 12	< 2.5	< 1.7
BROMOFORM	< 1	< 2.5	< 170	< 170	< 12	< 2.5	< 1.7
BROMOMETHANE	< 2	< 5	< 330	< 330	< 25	< 5	< 3.3
CARBON DISULFIDE	< 1	< 2.5	< 170	< 170	< 12	< 2.5	0.42 J
CARBON TETRACHLORIDE	< 1	< 2.5	< 170	< 170	< 12	< 2.5	< 1.7
CHLOROBENZENE	< 1	< 2.5	< 170	< 170	< 12	< 2.5	< 1.7
CHLOROETHANE	< 2	< 5	< 330	< 330	< 25	< 5	< 3.3
CHLOROFORM	< 1	< 2.5	< 170	< 170	< 12	< 2.5	< 1.7
CHLOROMETHANE	< 2	< 5	< 330	< 330	< 25	< 5	< 3.3
CIS-1,2-DICHLOROETHENE	11	68	< 83	< 83	6.7	3.4	3.9
CIS-1,3-DICHLOROPROPENE	< 1	< 2.5	< 170	< 170	< 12	< 2.5	< 1.7
CYCLOHEXANE							
DIBROMOCHLOROMETHANE	< 1	< 2.5	< 170	< 170	< 12	< 2.5	< 1.7
DICHLORODIFLUOROMETHANE							
ETHYLBENZENE	< 1	< 2.5	< 170	< 170	< 12	< 2.5	< 1.7
ISOPROPYLBENZENE							
METHYL ACETATE							
METHYL TERT-BUTYL ETHER							
METHYLCYCLOHEXANE							
METHYLENE CHLORIDE	2.5	1.8 J	< 170	< 170	2.6 J	1.9 J	1.6 J
N-HEXANE	< 1	< 2.5	< 170	< 170	< 12	< 2.5	< 1.7
STYRENE	< 1	< 2.5	< 170	< 170	< 12	< 2.5	< 1.7
TETRACHLOROETHENE	0.52 J	21	2900	3000	400	48	32
TOLUENE	0.24 J	1 J	< 170	< 170	< 12	0.83 J	< 1.7
TRANS-1,2-DICHLOROETHENE	0.39 J	1.4	< 83	< 83	< 6.2	< 1.2	< 0.83
TRANS-1,3-DICHLOROPROPENE	< 1	< 2.5	< 170	< 170	< 12	< 2.5	< 1.7
TRICHLOROETHENE	3.9	44	200	210	98	64	38
TRICHLOROFLUOROMETHANE							
VINYL CHLORIDE	0.26 J	0.26 J	< 330	< 330	< 25	< 5	< 3.3
XYLENES (TOTAL)	< 1	1 J	< 170	< 170	< 12	< 2.5	< 1.7

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 34: Upper Cedarville Aquifer VOC Analytical I

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-037 / 16 GW 1998-12-18 CA Ground Water µg/L	GP01-038 / 17 GW 1998-12-18 CA Ground Water µg/L	GP01-039 / 14 GW 1998-12-17 CA Ground Water µg/L	GP01-040 / 16 GW 1998-12-17 CA Ground Water µg/L	GP01-048 / 18 GW 1999-04-12 CA Ground Water µg/L	GP01-049 / 17 GW 1999-04-12 CA Ground Water µg/L	GP01-050 / 17 GW 1999-04-12 CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 5	< 8.3	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 5	< 8.3	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE							
1,1,2-TRICHLOROETHANE	< 1	< 1	< 5	< 8.3	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 5	< 8.3	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 5	< 8.3	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DIBROMOETHANE							
1,2-DICHLOROBENZENE							
1,2-DICHLOROETHANE					< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	1.1	1	180	13	< 1	< 1	5.5
1,2-DICHLOROPROPANE	0.25 J	7.6	0.81 J	1.7 J	< 1	14	< 1
1,3-DICHLOROBENZENE							
1,4-DICHLOROBENZENE							
2-BUTANONE	< 10	< 10	< 50	< 83	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 50	< 83	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 50	< 83	< 10	< 10	< 10
ACETONE	< 10	< 10	< 50	< 83	< 10	< 10	< 10
BENZENE	< 1	< 1	< 5	0.89 J	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 5	< 8.3	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 5	< 8.3	< 1	< 1	< 1
BROMOMETHANE	< 2	< 2	< 10	< 17	< 2	< 2	< 2
CARBON DISULFIDE	0.19 J	< 1	< 5	< 8.3	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 5	< 8.3	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 5	< 8.3	< 1	< 1	< 1
CHLOROETHANE	< 2	< 2	< 10	< 17	< 2	< 2	< 2
CHLOROFORM	< 1	< 1	< 5	< 8.3	< 1	< 1	< 1
CHLOROMETHANE	< 2	< 2	< 10	< 17	< 2	< 2	< 2
CIS-1,2-DICHLOROETHENE	0.95	0.94	180	13	< 0.5	< 0.5	5.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 5	< 8.3	< 1	< 1	< 1
CYCLOHEXANE							
DIBROMOCHLOROMETHANE	< 1	< 1	< 5	< 8.3	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE							
ETHYLBENZENE	< 1	< 1	< 5	< 8.3	< 1	< 1	< 1
ISOPROPYLBENZENE							
METHYL ACETATE							
METHYL TERT-BUTYL ETHER							
METHYLCYCLOHEXANE							
METHYLENE CHLORIDE	1.9	1.1	1.5 J	2.7 J	< 1	< 1	< 1
N-HEXANE	< 1	< 1	< 5	< 8.3	< 1	< 1	< 1
STYRENE	< 1	< 1	< 5	< 8.3	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	48	< 8.3	< 1	< 1	30
TOLUENE	< 1	< 1	0.85 J	< 8.3	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	0.13 J	0.1 J	3.3	< 4.2	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 5	< 8.3	< 1	< 1	< 1
TRICHLOROETHENE	< 1	5.2	24	240	< 1	< 1	1.6
TRICHLOROFLUOROMETHANE							
VINYL CHLORIDE	< 2	< 2	< 10	< 17	< 2	< 2	< 2
XYLENES (TOTAL)	< 1	< 1	< 5	< 8.3	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 34: Upper Cedarville Aquifer VOC Analytical I

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-051 / 16 GW 1999-04-12 CA Ground Water µg/L	GP01-054 / 13 GW 1999-04-13 CA Ground Water µg/L	GP01-065 / 22 GW 1999-04-25 CA Ground Water µg/L	GP01-067 / 22 GW 1999-04-24 CA Ground Water µg/L	GP01-068 / 22 GW 1999-04-25 CA Ground Water µg/L	GP01-070 / 22 GW 1999-04-24 CA Ground Water µg/L	GP01-071 / 19 GW 1999-04-24 CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 17	< 250	< 71	1000
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 17	< 250	< 71	< 1000
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE							
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 17	< 250	< 71	< 1000
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 17	< 250	1900	< 1000
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 17	< 250	< 71	< 1000
1,2,4-TRICHLOROBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DIBROMOETHANE							
1,2-DICHLOROBENZENE							
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 17	< 250	< 71	< 1000
1,2-DICHLOROETHENE (TOTAL)	< 1	< 1	4.7	360	6900	< 71	17000
1,2-DICHLOROPROPANE	30	< 1	< 1	< 17	< 250	< 71	< 1000
1,3-DICHLOROBENZENE							
1,4-DICHLOROBENZENE							
2-BUTANONE	< 10	< 10	< 10	< 170	< 2500	< 710	< 10000
2-HEXANONE	< 10	< 10	< 10	< 170	< 2500	< 710	< 10000
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 170	< 2500	< 710	< 10000
ACETONE	< 10	< 10	15	360	< 2500	< 710	< 10000
BENZENE	< 1	< 1	< 1	< 17	< 250	< 71	< 1000
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 17	< 250	< 71	< 1000
BROMOFORM	< 1	< 1	< 1	< 17	< 250	< 71	< 1000
BROMOMETHANE	< 2	< 2	< 2	< 33	< 500	< 140	< 2000
CARBON DISULFIDE	< 1	< 1	< 1	< 17	< 250	< 71	< 1000
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 17	< 250	< 71	< 1000
CHLOROBENZENE	< 1	< 1	< 1	< 17	< 250	< 71	< 1000
CHLOROETHANE	< 2	< 2	< 2	< 33	< 500	< 140	< 2000
CHLOROFORM	< 1	< 1	< 1	< 17	< 250	< 71	< 1000
CHLOROMETHANE	< 2	< 2	< 2	< 33	< 500	< 140	< 2000
CIS-1,2-DICHLOROETHENE	0.93	0.79	4.3	350	6900	< 36	17000
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 17	< 250	< 71	< 1000
CYCLOHEXANE							
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 17	< 250	< 71	< 1000
DICHLORODIFLUOROMETHANE							
ETHYLBENZENE	< 1	< 1	< 1	< 17	< 250	< 71	< 1000
ISOPROPYLBENZENE							
METHYL ACETATE							
METHYL TERT-BUTYL ETHER							
METHYLCYCLOHEXANE							
METHYLENE CHLORIDE	< 1	< 1	< 1	< 17	< 250	< 71	< 1000
N-HEXANE	< 1	< 1	< 1	< 17	< 250	< 71	< 1000
STYRENE	< 1	< 1	< 1	< 17	< 250	< 71	< 1000
TETRACHLOROETHENE	< 1	< 1	17	< 17	< 250	< 71	26000
TOLUENE	< 1	< 1	< 1	< 17	< 250	< 71	< 1000
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 8.3	< 120	< 36	< 500
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 17	< 250	< 71	< 1000
TRICHLOROETHENE	5	1.3	< 1	140	< 250	< 71	4700
TRICHLOROFLUOROMETHANE							
VINYL CHLORIDE	< 2	< 2	< 2	< 33	760	< 140	< 2000
XYLENES (TOTAL)	< 1	< 1	< 1	< 17	< 250	< 71	< 1000

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 34: Upper Cedarville Aquifer VOC Analytical I

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP01-073 / 19 GW 1999-04-24 CA Ground Water µg/L	GP01-114 / 05-07 GW 2003-11-13 CA Ground Water µg/L	GP02-001 / 10 GW 1998-12-21 CA Ground Water µg/L	GP02-002 / 13 GW 1998-12-21 CA Ground Water µg/L	GP02-003 / 15 GW 1998-12-21 CA Ground Water µg/L	GP02-004 / 15 GW 1998-12-21 CA Ground Water µg/L	GP02-005 / 19 GW 1998-12-21 CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 170	< 1	0.47 J	0.42 J	0.27 J	< 1	0.16 J
1,1,2,2-TETRACHLOROETHANE	< 170	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE		< 1					
1,1,2-TRICHLOROETHANE	< 170	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 170	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 170	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE		< 1					
1,2-DIBROMO-3-CHLOROPROPANE		< 2					
1,2-DIBROMOETHANE		< 1					
1,2-DICHLOROBENZENE		< 1					
1,2-DICHLOROETHANE	< 170	< 1					
1,2-DICHLOROETHENE (TOTAL)	300		< 1	< 1	< 1	< 1	4.6
1,2-DICHLOROPROPANE	< 170	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE		< 1					
1,4-DICHLOROBENZENE		< 1					
2-BUTANONE	< 1700	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 1700	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 1700	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	< 1700	< 10	< 10	< 10	< 10	< 10	< 10
BENZENE	< 170	0.34 J	2.3	0.19 J	0.12 J	0.19 J	0.31 J
BROMODICHLOROMETHANE	< 170	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 170	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 330	< 1	< 2	< 2	< 2	< 2	< 2
CARBON DISULFIDE	< 170	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 170	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 170	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 330	< 1	< 2	< 2	< 2	< 2	< 2
CHLOROFORM	< 170	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 330	< 1	< 2	< 2	< 2	< 2	< 2
CIS-1,2-DICHLOROETHENE	300	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	4.5
CIS-1,3-DICHLOROPROPENE	< 170	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE		1.3					
DIBROMOCHLOROMETHANE	< 170	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE		< 1					
ETHYLBENZENE	< 170	0.49 J	0.52 J	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE		0.41 J					
METHYL ACETATE		< 10					
METHYL TERT-BUTYL ETHER		< 5					
METHYLCYCLOHEXANE		1.4					
METHYLENE CHLORIDE	< 170	< 1	0.73 J	0.5 J	2.7	2.3	1.5
N-HEXANE	< 170		0.42 J	0.18 J	< 1	0.17 J	0.16 J
STYRENE	< 170	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	3300	1.5	< 1	< 1	< 1	< 1	1.3
TOLUENE	< 170	1.3	2.9	0.43 J	0.18 J	0.33 J	0.46 J
TRANS-1,2-DICHLOROETHENE	< 83	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 170	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 170	0.53 J	< 1	< 1	0.11 J	< 1	2.9
TRICHLOROFLUOROMETHANE		< 1					
VINYL CHLORIDE	< 330	< 1	< 2	< 2	< 2	< 2	< 2
XYLENES (TOTAL)	< 170	0.73 J	2.1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
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DUP = Duplicate Sample
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µg/L = micrograms per liter

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Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 34: Upper Cedarville Aquifer VOC Analytical I

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP02-006 / 20 GW 1998-12-21 CA Ground Water µg/L	GP02-007 / 21 GW DUP 1998-12-22 CA Ground Water µg/L	GP02-007 / 21 GW 1998-12-22 CA Ground Water µg/L	GP02-008 / 21 GW 1998-12-22 CA Ground Water µg/L	GP02-009 / 19 GW 1998-12-21 CA Ground Water µg/L	GP02-010 / 16 GW 1999-03-01 CA Ground Water µg/L	GP02-011 / 14_7 GW 1999-03-01 CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	0.48 J	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE							
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	0.15 J	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DIBROMOETHANE							
1,2-DICHLOROBENZENE							
1,2-DICHLOROETHANE						< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1	< 1	< 1	< 1	0.29 J	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE							
1,4-DICHLOROBENZENE							
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	< 10	< 10	11	< 10	< 10	< 10	< 10
BENZENE	0.25 J	0.27 J	0.23 J	0.18 J	0.23 J	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
CARBON DISULFIDE	0.11 J	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
CHLOROFORM	< 1	0.7 J	0.65 J	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
CIS-1,2-DICHLOROETHENE	0.16 J	< 0.5	< 0.5	< 0.5	0.29 J	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE							
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE							
ETHYLBENZENE	< 1	0.18 J	0.24 J	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE							
METHYL ACETATE							
METHYL TERT-BUTYL ETHER							
METHYLCYCLOHEXANE							
METHYLENE CHLORIDE	1.9	1.6	1.6	1.7	0.63 J	< 1	2.2
N-HEXANE	0.21 J	0.36 J	0.51 J	< 1	0.15 J	< 1	< 1
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	0.65 J	0.66 J	0.66 J	0.31 J	0.35 J	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	0.25 J	< 1	< 1	< 1	0.41 J	< 1	< 1
TRICHLOROFLUOROMETHANE							
VINYL CHLORIDE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
XYLENES (TOTAL)	0.59 J	0.65 J	0.64 J	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 34: Upper Cedarville Aquifer VOC Analytical I

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP02-012 / 14_6 GW 1999-03-01 CA Ground Water µg/L	GP02-013 / 15_5 GW 1999-03-01 CA Ground Water µg/L	GP02-014 / 16_6 GW DUP 1999-03-01 CA Ground Water µg/L	GP02-014 / 16_6 GW 1999-03-01 CA Ground Water µg/L	GP02-015 / 16 GW 1999-03-01 CA Ground Water µg/L	GP02-016 / 14_3 GW 1999-03-02 CA Ground Water µg/L	GP02-017 / 13_5 GW 1999-03-02 CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE							
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DIBROMOETHANE							
1,2-DICHLOROBENZENE							
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1	< 1	< 1	< 1	< 1	2.6	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE							
1,4-DICHLOROBENZENE							
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	0.75	2.6	0.83
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE							
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE							
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE							
METHYL ACETATE							
METHYL TERT-BUTYL ETHER							
METHYLCYCLOHEXANE							
METHYLENE CHLORIDE	4.2	2.4	2.4	2	1.6	< 1	1.3
N-HEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	1.1	8.6	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	1.3	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	4.4	7.9	4.6
TRICHLOROFLUOROMETHANE							
VINYL CHLORIDE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	1.2	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 34: Upper Cedarville Aquifer VOC Analytical I

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP02-018 / 13 GW 1999-03-02 CA Ground Water µg/L	GP02-019 / 14_4 GW 1999-03-02 CA Ground Water µg/L	GP02-020 / 13 GW 2003-07-29 CA Ground Water µg/L	GP02-021 / 13 GW 2003-07-29 CA Ground Water µg/L	GP02-022 / 11 GW 2003-07-29 CA Ground Water µg/L	GP02-023 / 11_3 GW 2003-07-29 CA Ground Water µg/L	GP02-024 / 11 GW 2003-07-29 CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE			< 1	2.4	1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE			< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE			< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE			< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE			< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1	< 1					
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE			< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE			< 1	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	1.7 J r	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	< 10	< 10	< 10	< 10	< 10	6.2 J r	1.1 J r
BENZENE	< 1	< 1	0.89 J	< 1	0.53 J	0.44 J	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 2	< 2	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 2	< 2	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 2	< 2	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE			0.58 J	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE			< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE			< 1	< 1	< 1	< 1	< 1
METHYL ACETATE			< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER			< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE			1 B u	0.58 J B	0.69 J B	< 1	0.61 J B
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE	< 1	< 1					
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	1.2	< 1	< 1	< 1
TOLUENE	< 1	< 1	1.4	< 1	0.72 J	0.63 J	0.43 J
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE			< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 2	< 2	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	0.85 J	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 34: Upper Cedarville Aquifer VOC Analytical I

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP02-025 / 12_7 GW 2003-07-29 CA Ground Water µg/L	GP02-026 / 13_8 GW 2003-07-29 CA Ground Water µg/L	GP02-027 / 14_8 GW 2003-07-29 CA Ground Water µg/L	GP02-028 / 13_6 GW DUP 2003-07-29 CA Ground Water µg/L	GP02-028 / 13_6 GW 2003-07-29 CA Ground Water µg/L	GP02-029 / 16_4 GW 2003-07-30 CA Ground Water µg/L	GP02-030 / 12 GW 2003-07-30 CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	14	6.2	1.5 j-	28	31	18 j-	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
1,1-DICHLOROETHANE	0.66 J	0.77 J	< 1	0.85 J	0.92 J	< 2	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 4	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
1,2-DICHLOROETHENE (TOTAL)							
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
2-BUTANONE	< 10	< 10	0.89 J j-r	0.63 J	< 10	< 20	1.4 J j-r
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 20	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 20	< 10
ACETONE	< 10	< 10	< 10	< 10	< 10	3.8 J j-r	6.8 J j-r
BENZENE	0.42 J	< 1	0.58 J j-	< 1	0.41 J	0.48 J j-	3.4 j-
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 2	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 2	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
CIS-1,2-DICHLOROETHENE	1.4	1.1	< 0.5	2	2.1	0.75 J j-	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
CYCLOHEXANE	0.42 J	0.34 J	0.34 J j-	< 1	0.46 J	< 2	1.2 j-
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 2	0.94 J j-
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 2	0.17 J j-
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 20	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 10	< 5
METHYLCYCLOHEXANE	0.76 J B	0.73 J B	0.7 J B j-	0.86 J B	0.85 J B	< 2	1.4 j-
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
N-HEXANE							
STYRENE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
TETRACHLOROETHENE	6.3	1	< 1	4.3	5.2	5 j-	< 1
TOLUENE	1	0.9 J	1.1 j-	0.93 J	1.1	1.5 J j-	5.1 j-
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
TRICHLOROETHENE	7.6	2.8	0.91 J j-	5.6	6.1	4.2 j-	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 2	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 2	3.5 j-

See Table 9 for definitions of data qualifiers
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µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 34: Upper Cedarville Aquifer VOC Analytical I

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP02-031 / 11 GW 2003-07-31 CA Ground Water µg/L	GP02-032 / 25_2 GW 2003-07-30 CA Ground Water µg/L	GP02-033 / 24 GW 2003-07-30 CA Ground Water µg/L	GP02-034 / 23_3 GW 2003-07-30 CA Ground Water µg/L	GP02-035 / 19_8 GW 2003-07-30 CA Ground Water µg/L	GP02-036 / 21 GW 2003-07-30 CA Ground Water µg/L	GP02-037 / 22 GW 2003-07-30 CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 20	< 20	< 20	0.5 J j-	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 20	< 20	< 20	< 2	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.5	230	230	220 j-	38 j-	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 20	< 20	< 20	< 2	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 20	< 20	< 20	0.77 J j-	3.3 j-	0.31 J
1,1-DICHLOROETHENE	< 1	< 20	< 20	< 20	< 2	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 20	< 20	< 20	< 2	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 40	< 40	< 40	< 4	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 20	< 20	< 20	< 2	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 20	< 20	< 20	< 2	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 20	< 20	< 20	< 2	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)							
1,2-DICHLOROPROPANE	< 1	< 20	< 20	< 20	< 2	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 20	< 20	< 20	< 2	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 20	< 20	< 20	< 2	< 1	< 1
2-BUTANONE	0.45 J r	< 200	< 200	< 200	1.8 J j-r	< 10	< 10
2-HEXANONE	< 10	< 200	< 200	< 200	< 20	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 200	< 200	< 200	< 20	< 10	< 10
ACETONE	2 J r	35 J r	39 J r	25 J j-r	8.1 J j-r	3.2 J j-r	2.3 J r
BENZENE	0.3 J	< 20	< 20	< 20	< 2	0.31 J j-	0.23 J
BROMODICHLOROMETHANE	< 1	< 20	< 20	< 20	< 2	< 1	< 1
BROMOFORM	< 1	< 20	< 20	< 20	< 2	< 1	< 1
BROMOMETHANE	< 1	< 20	< 20	< 20	< 2	< 1	< 1
CARBON DISULFIDE	< 1	< 20	< 20	< 20	< 2	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 20	< 20	< 20	< 2	< 1	< 1
CHLOROBENZENE	< 1	< 20	< 20	< 20	< 2	< 1	< 1
CHLOROETHANE	< 1	< 20	< 20	< 20	< 2	< 1	< 1
CHLOROFORM	< 1	< 20	< 20	< 20	< 2	< 1	< 1
CHLOROMETHANE	< 1	< 20	< 20	< 20	< 2	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 10	5.8 J	5.3 J j-	1 j-	1.1 j-	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 20	< 20	< 20	< 2	< 1	< 1
CYCLOHEXANE	< 1	< 20	< 20	< 20	< 2	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 20	< 20	< 20	< 2	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 20	< 20	< 20	< 2	< 1	< 1
ETHYLBENZENE	0.2 J	< 20	< 20	< 20	< 2	< 1	< 1
ISOPROPYLBENZENE	< 1	< 20	< 20	< 20	< 2	< 1	< 1
METHYL ACETATE	< 10	< 200	< 200	< 200	< 20	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 100	< 100	< 100	< 10	< 5	< 5
METHYLCYCLOHEXANE	0.3 J	< 20	< 20	< 20	< 2	< 1	< 1
METHYLENE CHLORIDE	< 1	< 20	< 20	< 20	< 2	< 1	< 1
N-HEXANE							
STYRENE	< 1	< 20	< 20	< 20	< 2	< 1	< 1
TETRACHLOROETHENE	0.55 J	200	190	< 20	6 j-	< 1	< 1
TOLUENE	0.8 J	< 20	< 20	< 20	0.64 J j-	0.47 J j-	0.33 J
TRANS-1,2-DICHLOROETHENE	< 0.5	< 10	< 10	< 10	< 1	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 20	< 20	< 20	< 2	< 1	< 1
TRICHLOROETHENE	0.54 J	21	26	26 j-	8.9 j-	< 1	0.34 J
TRICHLOROFLUOROMETHANE	< 1	< 20	< 20	< 20	< 2	< 1	< 1
VINYL CHLORIDE	< 1	< 20	< 20	< 20	< 2	< 1	< 1
XYLENES (TOTAL)	< 1	< 20	< 20	< 20	< 2	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
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µg/L = micrograms per liter

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Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 34: Upper Cedarville Aquifer VOC Analytical I

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP02-038 / 19_5 GW 2003-07-30 CA Ground Water µg/L	GP02-039 / 18_2 GW 2003-07-31 CA Ground Water µg/L	GP02-040 / 17_3 GW 2003-07-31 CA Ground Water µg/L	GP02-041 / 19 GW 2003-07-31 CA Ground Water µg/L	GP02-055 / 20 GW 2003-11-05 CA Ground Water µg/L	GP02-056 / 12_75 GW 2003-11-05 CA Ground Water µg/L	GP02-057 / 13_5 GW 2003-11-05 CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	5.8	4.2	< 1	35	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)							
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	3.3 J r	< 10	2.3 J r	1.7 J r	1.8 J r	< 10	< 10
BENZENE	0.25 J	0.33 J	0.3 J	0.22 J	0.24 J	0.27 J	0.53 J B j-
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	0.56 J	< 1	0.8 J j-
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	0.97 J r	< 1	3 j-
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	0.46 J j-
CIS-1,2-DICHLOROETHENE	< 0.5	0.46 J	0.34 J	< 0.5	0.53	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	0.35 J	0.37 J	0.5 J j-
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	0.19 J	0.28 J	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	0.42 J	0.32 J	0.28 J	0.44 J	0.54 J	0.36 J j-
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE							
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	0.26 J	0.48 J	< 1	1.7	< 1	< 1
TOLUENE	0.4 J	0.79 J	0.71 J	0.55 J	0.68 J	0.9 J	0.99 J j-
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	0.7 J	0.35 J	< 1	4.7	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 34: Upper Cedarville Aquifer VOC Analytical I

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP02-058 / 13 GW DUP 2003-11-05 CA Ground Water µg/L	GP02-058 / 13 GW 2003-11-05 CA Ground Water µg/L	GP02-059 / 13 GW 2003-11-05 CA Ground Water µg/L	GP02-060 / 13_5 GW 2003-11-06 CA Ground Water µg/L	GP02-061 / 14 GW 2003-11-07 CA Ground Water µg/L	GP02-062 / 14 GW 2003-11-06 CA Ground Water µg/L	GP02-063 / 17 GW 2003-11-06 CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	0.34 J	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)							
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	1 J r	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	< 10	< 10	< 10	< 10	4.9 J r	< 10	1.2 J r
BENZENE	< 1	< 1	0.27 J	< 1	0.92 J B	0.22 J	0.26 J
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	0.33 J	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	0.35 J	< 1	0.37 J	< 1	0.38 J
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	0.2 J	< 1	0.23 J	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	0.25 J	0.27 J	0.35 J	< 1	0.35 J	0.34 J	0.4 J
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE							
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	0.26 J	0.33 J	0.77 J	< 1	1.3	0.52 J	0.53 J
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	0.52 J	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 34: Upper Cedarville Aquifer VOC Analytical I

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP02-064 / 20 GW 2003-11-06 CA Ground Water µg/L	GP02-065 / 21 GW 2003-11-07 CA Ground Water µg/L	GP02-066 / 24 GW 2003-11-07 CA Ground Water µg/L	GP02-067 / 16-18 GW 2003-11-07 CA Ground Water µg/L	GP02-067 / 24 GW 2003-11-07 CA Ground Water µg/L	GP02-068 / 21 GW 2003-11-10 CA Ground Water µg/L	GP02-069 / 23 GW 2003-11-10 CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)							
1,2-DICHLOROPROPANE	< 1	< 1	2.3	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	0.41 J j-r	1.2 J r	0.74 J r	1 J r	1.3 J r	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	1 J j-r	6.7 J r	8.1 J r	5.4 J r	5.1 J r	< 10	0.8 J r
BENZENE	0.21 J j-	1.2 B u	1.5 B u	0.44 J B	0.41 J B	< 1	0.21 J
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	1.9	< 0.5	< 0.5	< 0.5	0.3 J
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	0.37 J	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	0.25 J	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	0.28 J j-	< 1	0.34 J	< 1	0.35 J	< 1	0.31 J
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE							
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	0.42 J j-	0.76 J	1.6	0.62 J	0.79 J	0.28 J	0.37 J
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	0.91 J	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	0.66 J	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 34: Upper Cedarville Aquifer VOC Analytical I

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP02-078 / 20 GW 2003-11-25 CA Ground Water µg/L	GP02-079 / 20_5 GW 2003-11-25 CA Ground Water µg/L	GP02-080 / 16 GW 2003-11-21 CA Ground Water µg/L	GP02-081 / 17_5 GW DUP 2003-11-21 CA Ground Water µg/L	GP02-081 / 17_5 GW 2003-11-21 CA Ground Water µg/L	GP02-082 / 18 GW 2003-11-21 CA Ground Water µg/L	GP02-083 / 17 GW 2003-11-25 CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	4.8
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	4.9 j-	1.1 j-	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)							
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	0.68 J j-r	1.1 J j-r	0.38 J r	0.67 J r	< 10	0.65 J r	0.8 J r
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	1.4 J j-r	3.7 J j-r	0.72 J r	2.3 J r	< 10	2.5 J r	1.8 J r
BENZENE	0.45 J j-	0.43 J j-	0.44 J	0.41 J	< 1	0.5 J	1.3
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	0.21 J	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	0.29 J r	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	0.31 J	< 1	0.26 J	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	0.37 J	0.32 J	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	0.5 J j-	0.48 J j-	< 1	0.4 J	< 1	< 1	0.57 J
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	0.22 J j-	0.21 J j-	0.23 J	0.26 J	0.19 J	< 1	0.31 J
ISOPROPYLBENZENE	0.28 J B j-	0.28 J B j-	0.53 J	0.29 J B	< 1	< 1	0.29 J B
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	0.54 J j-	0.62 J j-	0.48 J	0.54 J	0.37 J	< 1	0.56 J
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE							
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	0.27 J j-	< 1	< 1	< 1	< 1	< 1
TOLUENE	0.83 J j-	1.3 j-	0.86 J	0.78 J	0.53 J	0.83 J	1.9
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	0.78 J j-	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	0.48 J j-	0.63 J j-	< 1	0.55 J	< 1	< 1	1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

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Plant 2/3 Facility
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Project No. 0292.11.31

TABLE 34: Upper Cedarville Aquifer VOC Analytical I

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP02-084 / 18 GW DUP 2004-01-22 CA Ground Water µg/L	GP02-084 / 18 GW 2004-01-22 CA Ground Water µg/L	GP02-085 / 18 GW 2004-01-22 CA Ground Water µg/L	GP02-086 / 17 GW 2004-01-22 CA Ground Water µg/L	GP02-087 / 17 GW 2004-01-22 CA Ground Water µg/L	GP02-088 / 26 GW 2004-01-26 CA Ground Water µg/L	GP02-089 / 24 GW 2004-01-26 CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	0.72 J
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)							
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	0.46 J
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	1.2 J	1.1 J	< 10	< 10	< 10	0.51 J	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	0.35 J	0.42 J	< 10	< 10	< 10	< 10	< 10
ACETONE	5.1 J B u	5.3 J B u	2.4 J B u	0.8 J B u	< 10	2.1 J B u	1.4 J B u
BENZENE	0.28 J	0.3 J	0.46 J	< 1	0.21 J	< 1	0.24 J
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.49 J
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	0.26 J	0.41 J	< 1	0.33 J	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE							
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	0.49 J	0.5 J	0.71 J	0.32 J	0.59 J	0.49 J	0.57 J
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	6.5
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	0.53 J	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 34: Upper Cedarville Aquifer VOC Analytical I

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	GP02-090 / 24 GW 2004-01-26 CA Ground Water µg/L	GP02-091 / 21 GW 2004-01-23 CA Ground Water µg/L	GP02-092 / 22 GW 2004-01-23 CA Ground Water µg/L	GP02-093 / 22 GW 2004-01-23 CA Ground Water µg/L	GP02-094 / 21 GW 2004-02-11 CA Ground Water µg/L	GP02-095 / 22 GW 2004-02-11 CA Ground Water µg/L	VSGP-001 / 13 GW 2000-04-06 CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	0.38 J	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	3.2	< 1	
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)							< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	2 J B u	< 10	1.2 J B u	1 J B u	< 10	< 10	< 10
BENZENE	0.23 J	< 1	< 1	< 1	< 1	0.62 J	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	0.7 J	0.63 J	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 2
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 2
CHLOROFORM	< 1	< 1	< 1	< 1	1.4	0.61 J	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 2
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	0.49 J	
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	0.41 J	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	0.72 J	
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE							< 1
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	0.52 J	0.23 J	0.27 J	0.27 J	0.28 J	1.4	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	0.33 J	0.67 J	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 2
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	0.77 J	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 34: Upper Cedarville Aquifer VOC Analytical I

Sample ID/Sample Depth Sample Date (year-mm-dd) Sample Medium Reporting Units	VSGP-002 / 13 GW DUP 2000-04-06 CA Ground Water µg/L	VSGP-002 / 13 GW 2000-04-06 CA Ground Water µg/L	VSGP-003 / 13 GW 2000-04-06 CA Ground Water µg/L	VSGP-005D / 13_5 GW 2000-04-06 CA Ground Water µg/L	VSGP-009 / 14_5 GW 2000-04-06 CA Ground Water µg/L	VSGP-011 / 15 GW 2000-04-06 CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE						
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE						
1,2-DIBROMO-3-CHLOROPROPANE						
1,2-DIBROMOETHANE						
1,2-DICHLOROBENZENE						
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE						
1,4-DICHLOROBENZENE						
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	< 10	< 10	13	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 2	< 2	< 2	< 2	< 2	< 2
CARBON DISULFIDE	< 1	< 1	3.3	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 2	< 2	< 2	< 2	< 2	< 2
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 2	< 2	< 2	< 2	< 2	< 2
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE						
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE						
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE						
METHYL ACETATE						
METHYL TERT-BUTYL ETHER						
METHYLCYCLOHEXANE						
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE	< 1	< 1	< 1	< 1	< 1	< 1
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE						
VINYL CHLORIDE	< 2	< 2	< 2	< 2	< 2	< 2
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35a: Cedarville Aquifer VOC Analytical Data From Monitoring Wells

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	BSB-1 1999-04-07 CA Ground Water µg/L	CW01-01 1999-11-15 Upper/Middle CA Ground Water Ground Water µg/L	CW01-01 1999-11-17 Upper/Middle CA Ground Water Ground Water µg/L	CW01-01 1999-11-19 Upper/Middle CA Ground Water Ground Water µg/L	MW01-01 1998-11-05 Upper CA Ground Water µg/L	MW01-01 1999-05-12 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 5	< 8.3	< 10	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 5	< 8.3	< 10	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE						
1,1,2-TRICHLOROETHANE	< 1	< 5	< 8.3	< 10	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 5	< 8.3	< 10	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 5	< 8.3	< 10	< 1	< 1
1,2,4-TRICHLOROBENZENE						
1,2-DIBROMO-3-CHLOROPROPANE						
1,2-DIBROMOETHANE						
1,2-DICHLOROBENZENE						
1,2-DICHLOROETHANE	< 1	< 5	< 8.3	< 10	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1	< 5	< 8.3	< 10	0.96 J	< 1
1,2-DICHLOROPROPANE	< 1	< 5	< 8.3	< 10	25	< 1
1,3-DICHLOROBENZENE						
1,4-DICHLOROBENZENE						
2-BUTANONE	< 10	< 50	< 83	< 100	< 10	< 10
2-HEXANONE	< 10	< 50	< 83	< 100	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 50	< 83	< 100	< 10	< 10
ACETONE	< 10	< 50	< 83	< 100	< 10	< 10
BENZENE	< 1	< 5	< 8.3	< 10	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 5	< 8.3	< 10	< 1	< 1
BROMOFORM	< 1	< 5	< 8.3	< 10	< 1	< 1
BROMOMETHANE	< 2	< 10	< 17	< 20	< 2	< 2
CARBON DISULFIDE	< 1	< 5	< 8.3	< 10	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 5	< 8.3	< 10	< 1	< 1
CHLOROBENZENE	< 1	< 5	< 8.3	< 10	< 1	< 1
CHLOROETHANE	< 2	< 10	< 17	< 20	< 2	< 2
CHLOROFORM	< 1	< 5	< 8.3	< 10	< 1	< 1
CHLOROMETHANE	< 2	< 10	< 17	< 20	< 2	< 2
CIS-1,2-DICHLOROETHENE	< 0.5	2.7	< 4.2	< 5	0.96	0.78
CIS-1,3-DICHLOROPROPENE	< 1	< 5	< 8.3	< 10	< 1	< 1
CYCLOHEXANE						
DIBROMOCHLOROMETHANE	< 1	< 5	< 8.3	< 10	< 1	< 1
DICHLORODIFLUOROMETHANE						
ETHYLBENZENE	< 1	< 5	< 8.3	< 10	< 1	< 1
ISOPROPYLBENZENE						
METHYL ACETATE						
METHYL TERT-BUTYL ETHER						
METHYLCYCLOHEXANE						
METHYLENE CHLORIDE	< 1	< 5	< 8.3	< 10	< 1	< 1
N-HEXANE	< 1	< 5	< 8.3	< 10	< 1	< 1
STYRENE	< 1	< 5	< 8.3	< 10	< 1	< 1
TETRACHLOROETHENE	< 1	130	170	260	< 1	< 1
TOLUENE	< 1	< 5	< 8.3	< 10	13	3.7
TRANS-1,2-DICHLOROETHENE	< 0.5	< 2.5	< 4.2	< 5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 5	< 8.3	< 10	< 1	< 1
TRICHLOROETHENE	< 1	34	39	47	< 1	< 1
TRICHLOROFLUOROMETHANE						
VINYL CHLORIDE	< 2	< 10	< 17	< 20	< 2	< 2
XYLENES (TOTAL)	< 1	5.5	< 8.3	< 10	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35a: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-01 1999-11-30 Upper CA Ground Water µg/L	MW01-01 2000-06-05 Upper CA Ground Water µg/L	MW01-01 2001-11-19 Upper CA Ground Water µg/L	MW01-01 2003-02-13 Upper CA Ground Water µg/L	MW01-01 2003-05-06 Upper CA Ground Water µg/L	MW01-01 2003-09-11 Upper CA Ground Water µg/L	MW01-01 2003-11-04 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE			< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE				< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE				< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE				< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE				< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1	< 1	< 1				
1,2-DICHLOROPROPANE	8.2	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE				< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE				< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 5	< 10	< 10	< 10	< 10
ACETONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 2	< 2	< 2	< 1	< 1	0.25 J	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 2	< 2	< 2	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 2	< 2	< 2	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE				< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE				< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE				< 1	< 1	< 1	< 1
METHYL ACETATE				< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER				< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE				< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	1.6	< 1	< 1	0.83 J	< 1	< 1
N-HEXANE	< 1	< 1	< 1				
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE				< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 2	< 2	< 2	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35a: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-01 2004-02-18 Upper CA Ground Water µg/L	MW01-01 2004-04-12 Upper CA Ground Water µg/L	MW01-02 1998-11-05 Upper CA Ground Water µg/L	MW01-02 1999-05-12 Upper CA Ground Water µg/L	MW01-02 1999-11-30 Upper CA Ground Water µg/L	MW01-02 2000-06-05 Upper CA Ground Water µg/L	MW01-02 2001-06-07 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 25	< 8.3	< 17	< 10	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 25	< 8.3	< 17	< 10	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1					< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 25	< 8.3	< 17	< 10	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 25	< 8.3	< 17	< 10	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 25	< 8.3	< 17	< 10	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1					
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2					
1,2-DIBROMOETHANE	< 1	< 1					
1,2-DICHLOROBENZENE	< 1	< 1					
1,2-DICHLOROETHANE	< 1	< 1	< 25	< 8.3	< 17	< 10	< 1
1,2-DICHLOROETHENE (TOTAL)			< 25	< 8.3	< 17	< 10	< 1
1,2-DICHLOROPROPANE	< 1	< 1	510	240	450	280	28
1,3-DICHLOROBENZENE	< 1	< 1					
1,4-DICHLOROBENZENE	< 1	< 1					
2-BUTANONE	< 10	< 10	< 250	< 83	< 170	< 100	< 10
2-HEXANONE	< 10	< 10	< 250	< 83	< 170	< 100	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 250	< 83	< 170	< 100	< 5
ACETONE	< 10	< 10	< 250	< 83	< 170	< 100	< 10
BENZENE	< 1	< 1	< 25	< 8.3	< 17	< 10	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 25	< 8.3	< 17	< 10	< 1
BROMOFORM	< 1	< 1	< 25	< 8.3	< 17	< 10	< 1
BROMOMETHANE	< 1	< 1	< 50	< 17	< 33	< 20	< 2
CARBON DISULFIDE	< 1	< 1	< 25	< 8.3	< 17	< 10	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 25	< 8.3	< 17	< 10	< 1
CHLOROBENZENE	< 1	< 1	< 25	< 8.3	< 17	< 10	< 1
CHLOROETHANE	< 1	< 1	< 50	< 17	< 33	< 20	< 2
CHLOROFORM	< 1	< 1	< 25	< 8.3	< 17	< 10	< 1
CHLOROMETHANE	< 1	< 1	< 50	< 17	< 33	< 20	< 2
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 12	< 4.2	< 8.3	< 5	0.83
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 25	< 8.3	< 17	< 10	< 1
CYCLOHEXANE	< 1	< 1					
DIBROMOCHLOROMETHANE	< 1	< 1	< 25	< 8.3	< 17	< 10	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1					
ETHYLBENZENE	< 1	< 1	< 25	< 8.3	< 17	< 10	< 1
ISOPROPYLBENZENE	< 1	< 1					
METHYL ACETATE	< 10	< 10					
METHYL TERT-BUTYL ETHER	< 5	< 5					
METHYLCYCLOHEXANE	< 1	< 1					
METHYLENE CHLORIDE	< 1	< 1	< 25	< 8.3	< 17	< 10	< 1
N-HEXANE			< 25	< 8.3	< 17	< 10	< 1
STYRENE	< 1	< 1	< 25	< 8.3	< 17	< 10	< 1
TETRACHLOROETHENE	< 1	< 1	< 25	< 8.3	< 17	< 10	< 1
TOLUENE	< 1	< 1	13 J	< 8.3	< 17	< 10	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 12	< 4.2	< 8.3	< 5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 25	< 8.3	< 17	< 10	< 1
TRICHLOROETHENE	< 1	< 1	< 25	< 8.3	< 17	< 10	1.7
TRICHLOROFLUOROMETHANE	< 1	< 1					
VINYL CHLORIDE	< 1	< 1	< 50	< 17	< 33	< 20	< 2
XYLENES (TOTAL)	< 1	< 1	< 25	< 8.3	< 17	< 10	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35a: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-02 2003-02-13 Upper CA Ground Water µg/L	MW01-02 2003-09-11 Upper CA Ground Water µg/L	MW01-02 2003-11-05 Upper CA Ground Water µg/L	MW01-02 2004-02-18 Upper CA Ground Water µg/L	MW01-02 2004-04-13 Upper CA Ground Water µg/L	MW01-02CD 1999-05-11 Middle CA Ground Water µg/L	MW01-02CD 1999-11-30 Middle CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 5	< 20	< 20	< 29	< 11	< 1	< 1 uj
1,1,2,2-TETRACHLOROETHANE	< 5	< 20	< 20	< 29	< 11	< 1	< 1 uj
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 5	< 20	< 20	< 29	< 11		
1,1,2-TRICHLOROETHANE	< 5	< 20	< 20	< 29	< 11	< 1	< 1 uj
1,1-DICHLOROETHANE	< 5	< 20	< 20	< 29	< 11	< 1	< 1 uj
1,1-DICHLOROETHENE	< 5	< 20	< 20	< 29	< 11	< 1	< 1 uj
1,2,4-TRICHLOROBENZENE	< 5	< 20	< 20	< 29	< 11		
1,2-DIBROMO-3-CHLOROPROPANE	< 10	< 40	< 40	< 57	< 22		
1,2-DIBROMOETHANE	< 5	< 20	< 20	< 29	< 11		
1,2-DICHLOROBENZENE	< 5	< 20	< 20	< 29	< 11		
1,2-DICHLOROETHANE	< 5	< 20	< 20	< 29	< 11	< 1	< 1 uj
1,2-DICHLOROETHENE (TOTAL)						< 1	< 1 uj
1,2-DICHLOROPROPANE	120	610	570	810	360	< 1	< 1 uj
1,3-DICHLOROBENZENE	< 5	< 20	< 20	< 29	< 11		
1,4-DICHLOROBENZENE	< 5	< 20	< 20	< 29	< 11		
2-BUTANONE	< 50	< 200	< 200	< 290	< 110	< 10	< 10 uj
2-HEXANONE	< 50	< 200	< 200	< 290	< 110	< 10	< 10 uj
4-METHYL-2-PENTANONE	< 50	< 200	< 200	< 290	< 110	< 10	< 10 uj
ACETONE	< 50	< 200	< 200	< 290	12 J B	< 10	12 j
BENZENE	< 5	< 20	< 20	< 29	< 11	< 1	< 1 uj
BROMODICHLOROMETHANE	< 5	< 20	< 20	< 29	< 11	< 1	< 1 uj
BROMOFORM	< 5	< 20	< 20	< 29	< 11	< 1	< 1 uj
BROMOMETHANE	< 5	< 20	< 20	< 29	< 11	< 2	< 2 uj
CARBON DISULFIDE	< 5	< 20	< 20	< 29	< 11	< 1	< 1 uj
CARBON TETRACHLORIDE	< 5	< 20	< 20	< 29	< 11	< 1	< 1 uj
CHLOROBENZENE	< 5	< 20	< 20	< 29	< 11	< 1	< 1 uj
CHLOROETHANE	< 5	< 20	< 20	< 29	< 11	< 2	< 2 uj
CHLOROFORM	< 5	< 20	< 20	< 29	< 11	< 1	< 1 uj
CHLOROMETHANE	< 5	< 20	< 20	< 29	< 11	< 2	< 2 uj
CIS-1,2-DICHLOROETHENE	2.4 J	7.1 J	8.2 J	13 J	6.1	< 0.5	< 0.5 uj
CIS-1,3-DICHLOROPROPENE	< 5	< 20	< 20	< 29	< 11	< 1	< 1 uj
CYCLOHEXANE	< 5	< 20	< 20	< 29	< 11		
DIBROMOCHLOROMETHANE	< 5	< 20	< 20	< 29	< 11	< 1	< 1 uj
DICHLORODIFLUOROMETHANE	< 5	< 20	< 20	< 29	< 11		
ETHYLBENZENE	< 5	< 20	< 20	< 29	< 11	< 1	< 1 uj
ISOPROPYLBENZENE	< 5	< 20	< 20	< 29	< 11		
METHYL ACETATE	< 50	< 200	< 200	< 290	< 110		
METHYL TERT-BUTYL ETHER	< 25	< 100	< 100	< 140	< 56		
METHYLCYCLOHEXANE	< 5	< 20	< 20	< 29	< 11		
METHYLENE CHLORIDE	< 5	< 20	< 20	110 B	< 11	1.1	< 1 uj
N-HEXANE						< 1	< 1 uj
STYRENE	< 5	< 20	< 20	< 29	< 11	< 1	< 1 uj
TETRACHLOROETHENE	< 5	< 20	< 20	< 29	< 11	< 1	< 1 uj
TOLUENE	< 5	< 20	< 20	< 29	< 11	25	< 1 uj
TRANS-1,2-DICHLOROETHENE	< 2.5	< 10	< 10	< 14	< 5.6	< 0.5	< 0.5 uj
TRANS-1,3-DICHLOROPROPENE	< 5	< 20	< 20	< 29	< 11	< 1	< 1 uj
TRICHLOROETHENE	2.5 J	4.4 J	6.6 J	< 29	4.2 J	< 1	< 1 uj
TRICHLOROFLUOROMETHANE	< 5	< 20	< 20	< 29	< 11		
VINYL CHLORIDE	< 5	< 20	< 20	< 29	< 11	< 2	< 2 uj
XYLENES (TOTAL)	< 5	< 20	< 20	< 29	< 11	< 1	< 1 uj

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35a: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-02CD 2000-06-05 Middle CA Ground Water µg/L	MW01-02CD 2001-06-08 Middle CA Ground Water µg/L	MW01-02CD 2003-02-13 Middle CA Ground Water µg/L	MW01-02CD 2003-09-11 Middle CA Ground Water µg/L	MW01-02CD 2003-11-05 Middle CA Ground Water µg/L	MW01-02CD 2004-02-18 Middle CA Ground Water µg/L	MW01-02CD 2004-04-13 Middle CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE		< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE			< 1	< 1	0.41 J B	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE			< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE			< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE			< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1	< 1					
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE			< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE			< 1	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 5	< 10	< 10	< 10	< 10	< 10
ACETONE	< 10	< 10	< 10	< 10	< 10	0.8 J	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 2	< 2	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 2	< 2	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 2	< 2	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE			< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE			< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE			< 1	< 1	< 1	< 1	< 1
METHYL ACETATE			< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER			< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE			< 1	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	1.5	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE	< 1	< 1					
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE			< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 2	< 2	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35a: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-02SE 1999-05-11 Lower CA Ground Water µg/L	MW01-02SE 1999-11-30 Lower CA Ground Water µg/L	MW01-02SE 2000-06-05 Lower CA Ground Water µg/L	MW01-02SE 2003-02-13 Lower CA Ground Water µg/L	MW01-02SE 2003-09-11 Lower CA Ground Water µg/L	MW01-02SE 2003-11-04 Lower CA Ground Water µg/L	MW01-02SE 2004-02-18 Lower CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE				< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE				< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE				< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE				< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE				< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1	< 1	< 1				
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE				< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE				< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 2	< 2	< 2	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 2	< 2	< 2	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 2	< 2	< 2	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE				< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE				< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE				< 1	< 1	< 1	< 1
METHYL ACETATE				< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER				< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE				< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	1.7	< 1	< 1	< 1	< 1
N-HEXANE	< 1	< 1	< 1				
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	10	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE				< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 2	< 2	< 2	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35a: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-02SE 2004-04-12 Lower CA Ground Water µg/L	MW01-03 1998-11-05 Upper CA Ground Water µg/L	MW01-03 1999-05-12 Upper CA Ground Water µg/L	MW01-03 1999-11-30 Upper CA Ground Water µg/L	MW01-03 2000-06-06 Upper CA Ground Water µg/L	MW01-03 2000-11-01 Upper CA Ground Water µg/L	MW01-03 2001-06-07 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1					< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1						
1,2-DIBROMO-3-CHLOROPROPANE	< 2						
1,2-DIBROMOETHANE	< 1						
1,2-DICHLOROBENZENE	< 1						
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)		1.5	1	2.6	< 1	1.1	< 1
1,2-DICHLOROPROPANE	< 1	1	< 1	1.6	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1						
1,4-DICHLOROBENZENE	< 1						
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 5	< 5
ACETONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 2	< 2	< 2	< 2	< 2	< 2
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 2	< 2	< 2	< 2	< 2	< 2
CHLOROFORM	< 1	0.13 J	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 2	< 2	< 2	< 2	< 2	< 2
CIS-1,2-DICHLOROETHENE	< 0.5	1.5	1	2.6	0.8	1.1	0.51
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1						
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1						
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1						
METHYL ACETATE	< 10						
METHYL TERT-BUTYL ETHER	< 5						
METHYLCYCLOHEXANE	< 1						
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE		< 1	< 1	< 1	< 1	< 1	< 1
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	4.3	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	3.1	3.1	2.7	2.4	2.7	1.7
TRICHLOROFLUOROMETHANE	< 1						
VINYL CHLORIDE	< 1	< 2	< 2	< 2	< 2	< 2	< 2
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35a: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-03 2003-02-12 Upper CA Ground Water µg/L	MW01-03 2003-05-06 Upper CA Ground Water µg/L	MW01-03 2003-09-11 Upper CA Ground Water µg/L	MW01-03 2003-11-04 Upper CA Ground Water µg/L	MW01-03 2004-02-17 Upper CA Ground Water µg/L	MW01-03 2004-04-12 Upper CA Ground Water µg/L	MW01-03CD 1999-05-12 Middle CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)							< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 2
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 2
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 2
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	
METHYLENE CHLORIDE	< 1	0.55 J	< 1	< 1	< 1	< 1	< 1
N-HEXANE							< 1
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	0.59 J	1	1.2	1.4	0.81 J	0.88 J	< 1
TOLUENE	2.6	< 1	< 1	< 1	< 1	< 1	6.2
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	0.45 J	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 2
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35a: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-03CD 1999-11-30 Middle CA Ground Water µg/L	MW01-03CD 2000-06-06 Middle CA Ground Water µg/L	MW01-03CD 2000-11-01 Middle CA Ground Water µg/L	MW01-03CD 2001-06-07 Middle CA Ground Water µg/L	MW01-03CD 2003-02-13 Middle CA Ground Water µg/L	MW01-03CD 2003-09-11 Middle CA Ground Water µg/L	MW01-03CD 2003-11-04 Middle CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE			< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE					< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE					< 2	< 2	< 2
1,2-DIBROMOETHANE					< 1	< 1	< 1
1,2-DICHLOROBENZENE					< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1	< 1	< 1	< 1			
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE					< 1	< 1	< 1
1,4-DICHLOROBENZENE					< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 5	< 5	< 10	< 10	< 10
ACETONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 2	< 2	< 2	< 2	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 2	< 2	< 2	< 2	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 2	< 2	< 2	< 2	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE					< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE					< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE					< 1	< 1	< 1
METHYL ACETATE					< 10	< 10	< 10
METHYL TERT-BUTYL ETHER					< 5	< 5	< 5
METHYLCYCLOHEXANE					< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE	< 1	< 1	< 1	< 1			
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE					< 1	< 1	< 1
VINYL CHLORIDE	< 2	< 2	< 2	< 2	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35a: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-03CD 2004-02-17 Middle CA Ground Water µg/L	MW01-03CD 2004-04-12 Middle CA Ground Water µg/L		MW01-04 DUP 2000-11-02 Upper CA Ground Water µg/L	MW01-04 DUP 2001-06-08 Upper CA Ground Water µg/L	MW01-04 DUP 2003-02-14 Upper CA Ground Water µg/L	MW01-04 DUP 2003-09-15 Upper CA Ground Water µg/L	MW01-04 1998-11-05 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1		< 120	< 33	< 12	< 3.3	< 170
1,1,2,2-TETRACHLOROETHANE	< 1	< 1		< 120	< 33	< 12	< 3.3	< 170
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1		3900	2200 E j	330	52	
1,1,2-TRICHLOROETHANE	< 1	< 1		< 120	< 33	< 12	< 3.3	< 170
1,1-DICHLOROETHANE	< 1	< 1		< 120	< 33	< 12	< 3.3	< 170
1,1-DICHLOROETHENE	< 1	< 1		< 120	< 33	< 12	< 3.3	< 170
1,2,4-TRICHLOROBENZENE	< 1	< 1				8.9 J	1 J B	
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2				< 25	< 6.7	
1,2-DIBROMOETHANE	< 1	< 1				< 12	< 3.3	
1,2-DICHLOROBENZENE	< 1	< 1				< 12	< 3.3	
1,2-DICHLOROETHANE	< 1	< 1		< 120	< 33	< 12	< 3.3	< 170
1,2-DICHLOROETHENE (TOTAL)				< 120	56			< 170
1,2-DICHLOROPROPANE	< 1	< 1		< 120	< 33	< 12	< 3.3	< 170
1,3-DICHLOROBENZENE	< 1	< 1				< 12	< 3.3	
1,4-DICHLOROBENZENE	< 1	< 1				< 12	< 3.3	
2-BUTANONE	< 10	< 10		< 1200	< 330	< 120	< 33	< 1700
2-HEXANONE	< 10	< 10		< 1200	< 330	< 120	< 33	< 1700
4-METHYL-2-PENTANONE	< 10	< 10		< 620	< 170	< 120	< 33	< 1700
ACETONE	< 10	< 10		< 1200	< 330	< 120	6.6 J	< 1700
BENZENE	< 1	< 1		< 120	< 33	< 12	< 3.3	< 170
BROMODICHLOROMETHANE	< 1	< 1		< 120	< 33	< 12	< 3.3	< 170
BROMOFORM	< 1	< 1		< 120	< 33	< 12	< 3.3	< 170
BROMOMETHANE	< 1	< 1		< 250	< 67	3.8 J	< 3.3	< 330
CARBON DISULFIDE	< 1	< 1		< 120	< 33	< 12	< 3.3	< 170
CARBON TETRACHLORIDE	< 1	< 1		< 120	< 33	< 12	< 3.3	< 170
CHLOROBENZENE	< 1	< 1		< 120	< 33	< 12	< 3.3	< 170
CHLOROETHANE	< 1	< 1		< 250	< 67	< 12	< 3.3	< 330
CHLOROFORM	< 1	< 1		< 120	< 33	< 12	< 3.3	< 170
CHLOROMETHANE	< 1	< 1		< 250	< 67	< 12	< 3.3	< 330
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5		< 62	56	47	12	< 83
CIS-1,3-DICHLOROPROPENE	< 1	< 1		< 120	< 33	< 12	< 3.3	< 170
CYCLOHEXANE	< 1	< 1				< 12	< 3.3	
DIBROMOCHLOROMETHANE	< 1	< 1		< 120	< 33	< 12	< 3.3	< 170
DICHLORODIFLUOROMETHANE	< 1	< 1				< 12	< 3.3	
ETHYLBENZENE	< 1	< 1		< 120	< 33	< 12	< 3.3	< 170
ISOPROPYLBENZENE	< 1	< 1				< 12	< 3.3	
METHYL ACETATE	< 10	< 10				< 120	< 33	
METHYL TERT-BUTYL ETHER	< 5	< 5				< 62	< 17	
METHYLCYCLOHEXANE	< 1	< 1				< 12	< 3.3	
METHYLENE CHLORIDE	< 1	< 1		< 120	< 33	< 12	< 3.3	< 170
N-HEXANE				< 120	< 33			< 170
STYRENE	< 1	< 1		< 120	< 33	< 12	< 3.3	< 170
TETRACHLOROETHENE	< 1	< 1		3200	1000	450	76	4600
TOLUENE	< 1	< 1		< 120	< 33	< 12	< 3.3	< 170
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5		< 62	< 17	< 6.2	< 1.7	< 83
TRANS-1,3-DICHLOROPROPENE	< 1	< 1		< 120	< 33	< 12	< 3.3	< 170
TRICHLOROETHENE	< 1	< 1		130	74	55	16	150 J
TRICHLOROFLUOROMETHANE	< 1	< 1				< 12	< 3.3	
VINYL CHLORIDE	< 1	< 1		< 250	< 67	< 12	< 3.3	< 330
XYLENES (TOTAL)	< 1	< 1		< 120	< 33	< 12	< 3.3	< 170

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35a: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-04 1999-05-13 Upper CA Ground Water µg/L	MW01-04 DUP 1999-05-13 Upper CA Ground Water µg/L	MW01-04 1999-12-01 Upper CA Ground Water µg/L	MW01-04 2000-06-06 Upper CA Ground Water µg/L	MW01-04 2000-11-02 Upper CA Ground Water µg/L	MW01-04 2001-06-08 Upper CA Ground Water µg/L	MW01-04 2001-11-19 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 120	< 120	< 120	< 170	< 25	< 25	< 17
1,1,2,2-TETRACHLOROETHANE	< 120	< 120	< 120	< 170	< 25	< 25	< 17
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					3500	1800 E j	460
1,1,2-TRICHLOROETHANE	< 120	< 120	< 120	< 170	< 25	< 25	< 17
1,1-DICHLOROETHANE	< 120	< 120	< 120	< 170	< 25	< 25	< 17
1,1-DICHLOROETHENE	< 120	< 120	< 120	< 170	< 25	< 25	< 17
1,2,4-TRICHLOROBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DIBROMOETHANE							
1,2-DICHLOROBENZENE							
1,2-DICHLOROETHANE	< 120	< 120	< 120	< 170	< 25	< 25	< 17
1,2-DICHLOROETHENE (TOTAL)	< 120	< 120	< 120	< 170	59	55	45
1,2-DICHLOROPROPANE	< 120	< 120	< 120	< 170	< 25	< 25	< 17
1,3-DICHLOROBENZENE							
1,4-DICHLOROBENZENE							
2-BUTANONE	< 1200	< 1200	< 1200	< 1700	< 250	< 250	< 170
2-HEXANONE	< 1200	< 1200	< 1200	< 1700	< 250	< 250	< 170
4-METHYL-2-PENTANONE	< 1200	< 1200	< 1200	< 830	< 120	< 120	< 83
ACETONE	< 1200	< 1200	< 1200	< 1700	< 250	< 250	< 170
BENZENE	< 120	< 120	< 120	< 170	< 25	< 25	< 17
BROMODICHLOROMETHANE	< 120	< 120	< 120	< 170	< 25	< 25	< 17
BROMOFORM	< 120	< 120	< 120	< 170	< 25	< 25	< 17
BROMOMETHANE	< 250	< 250	< 250	< 330	< 50	< 50	< 33
CARBON DISULFIDE	< 120	< 120	< 120	< 170	< 25	< 25	< 17
CARBON TETRACHLORIDE	< 120	< 120	< 120	< 170	< 25	< 25	< 17
CHLOROBENZENE	< 120	< 120	< 120	< 170	< 25	< 25	< 17
CHLOROETHANE	< 250	< 250	< 250	< 330	< 50	< 50	< 33
CHLOROFORM	< 120	< 120	< 120	< 170	< 25	< 25	< 17
CHLOROMETHANE	< 250	< 250	< 250	< 330	< 50	< 50	< 33
CIS-1,2-DICHLOROETHENE	< 62	< 62	< 62	< 83	59	55	45
CIS-1,3-DICHLOROPROPENE	< 120	< 120	< 120	< 170	< 25	< 25	< 17
CYCLOHEXANE							
DIBROMOCHLOROMETHANE	< 120	< 120	< 120	< 170	< 25	< 25	< 17
DICHLORODIFLUOROMETHANE							
ETHYLBENZENE	< 120	< 120	< 120	< 170	< 25	< 25	< 17
ISOPROPYLBENZENE							
METHYL ACETATE							
METHYL TERT-BUTYL ETHER							
METHYLCYCLOHEXANE							
METHYLENE CHLORIDE	< 120	< 120	< 120	< 170	< 25	< 25	< 17
N-HEXANE	< 120	< 120	< 120	< 170	< 25	< 25	< 17
STYRENE	< 120	< 120	< 120	< 170	< 25	< 25	< 17
TETRACHLOROETHENE	4500	4000	3300	6100	2900	850	400
TOLUENE	< 120	< 120	< 120	< 170	< 25	< 25	< 17
TRANS-1,2-DICHLOROETHENE	< 62	< 62	< 62	< 83	< 12	< 12	< 8.3
TRANS-1,3-DICHLOROPROPENE	< 120	< 120	< 120	< 170	< 25	< 25	< 17
TRICHLOROETHENE	210	180	170	170	120	66	52
TRICHLOROFLUOROMETHANE							
VINYL CHLORIDE	< 250	< 250	< 250	< 330	< 50	< 50	< 33
XYLENES (TOTAL)	< 120	< 120	< 120	< 170	< 25	< 25	< 17

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35a: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-04 2003-02-14 Upper CA Ground Water µg/L	MW01-04 2003-05-07 Upper CA Ground Water µg/L	MW01-04 2003-09-15 Upper CA Ground Water µg/L	MW01-04 2003-11-06 Upper CA Ground Water µg/L	MW01-04 2004-02-19 Upper CA Ground Water µg/L	MW01-04 2004-04-14 Upper CA Ground Water µg/L	MW01-04CD DUP 2000-06-07 Middle CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	< 25
1,1,2,2-TETRACHLOROETHANE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	< 25
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	110	120	53	66	50	44	
1,1,2-TRICHLOROETHANE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	< 25
1,1-DICHLOROETHANE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	< 25
1,1-DICHLOROETHENE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	< 25
1,2,4-TRICHLOROBENZENE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	
1,2-DIBROMO-3-CHLOROPROPANE	< 25	< 11	< 6.7	< 6.7	< 6.7	< 4	
1,2-DIBROMOETHANE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	
1,2-DICHLOROBENZENE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	
1,2-DICHLOROETHANE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	< 25
1,2-DICHLOROETHENE (TOTAL)							< 25
1,2-DICHLOROPROPANE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	< 25
1,3-DICHLOROBENZENE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	
1,4-DICHLOROBENZENE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	
2-BUTANONE	< 120	< 57	< 33	< 33	< 33	< 20	< 250
2-HEXANONE	< 120	< 57	< 33	< 33	< 33	< 20	< 250
4-METHYL-2-PENTANONE	< 120	< 57	< 33	< 33	< 33	< 20	< 250
ACETONE	< 120	< 57	< 33	< 33	4.2 J B u	< 20	< 250
BENZENE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	< 25
BROMODICHLOROMETHANE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	< 25
BROMOFORM	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	< 25
BROMOMETHANE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	< 50
CARBON DISULFIDE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	< 25
CARBON TETRACHLORIDE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	< 25
CHLOROBENZENE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	< 25
CHLOROETHANE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	< 50
CHLOROFORM	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	< 25
CHLOROMETHANE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	< 50
CIS-1,2-DICHLOROETHENE	38	20	13	15	5.9	4.8	< 12
CIS-1,3-DICHLOROPROPENE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	< 25
CYCLOHEXANE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	
DIBROMOCHLOROMETHANE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	< 25
DICHLORODIFLUOROMETHANE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	
ETHYLBENZENE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	< 25
ISOPROPYLBENZENE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	
METHYL ACETATE	< 120	< 57	< 33	< 33	< 33	< 20	
METHYL TERT-BUTYL ETHER	< 62	< 29	< 17	< 17	< 17	< 10	
METHYLCYCLOHEXANE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	
METHYLENE CHLORIDE	7.5 J B	2.5 J	< 3.3	< 3.3	5.5 B	< 2	< 25
N-HEXANE							< 25
STYRENE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	< 25
TETRACHLOROETHENE	310	160	76	98	73	65	760
TOLUENE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	< 25
TRANS-1,2-DICHLOROETHENE	< 6.2	< 2.9	< 1.7	< 1.7	< 1.7	< 1	< 12
TRANS-1,3-DICHLOROPROPENE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	< 25
TRICHLOROETHENE	44	28	17	20	11	8.7	29
TRICHLOROFLUOROMETHANE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	
VINYL CHLORIDE	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	< 50
XYLENES (TOTAL)	< 12	< 5.7	< 3.3	< 3.3	< 3.3	< 2	< 25

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35a: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-04CD DUP 2003-05-07 Middle CA Ground Water µg/L	MW01-04CD DUP 2004-02-19 Middle CA Ground Water µg/L	MW01-04CD 1999-05-12 Middle CA Ground Water µg/L	MW01-04CD 1999-12-01 Middle CA Ground Water µg/L	MW01-04CD 2000-06-07 Middle CA Ground Water µg/L	MW01-04CD 2000-11-02 Middle CA Ground Water µg/L	MW01-04CD 2001-06-08 Middle CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 25	< 91	< 50	< 25	< 25	< 5	< 50
1,1,2,2-TETRACHLOROETHANE	< 25	< 91	< 50	< 25	< 25	< 5	< 50
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	940	2000				650	1600
1,1,2-TRICHLOROETHANE	< 25	< 91	< 50	< 25	< 25	< 5	< 50
1,1-DICHLOROETHANE	< 25	< 91	< 50	< 25	< 25	< 5	< 50
1,1-DICHLOROETHENE	< 25	< 91	< 50	< 25	< 25	< 5	< 50
1,2,4-TRICHLOROBENZENE	< 25	< 91					
1,2-DIBROMO-3-CHLOROPROPANE	< 50	< 180					
1,2-DIBROMOETHANE	< 25	< 91					
1,2-DICHLOROBENZENE	< 25	< 91					
1,2-DICHLOROETHANE	< 25	< 91	< 50	< 25	< 25	< 5	< 50
1,2-DICHLOROETHENE (TOTAL)			< 50	< 25	< 25	< 5	< 50
1,2-DICHLOROPROPANE	< 25	< 91	< 50	< 25	< 25	< 5	< 50
1,3-DICHLOROBENZENE	< 25	< 91					
1,4-DICHLOROBENZENE	< 25	< 91					
2-BUTANONE	< 250	< 910	< 500	< 250	< 250	< 50	< 500
2-HEXANONE	< 250	< 910	< 500	< 250	< 250	< 50	< 500
4-METHYL-2-PENTANONE	< 250	< 910	< 500	< 250	< 250	< 25	< 250
ACETONE	< 250	120 J B u	< 500	< 250	< 250	< 50	< 500
BENZENE	< 25	< 91	< 50	< 25	< 25	< 5	< 50
BROMODICHLOROMETHANE	< 25	< 91	< 50	< 25	< 25	< 5	< 50
BROMOFORM	< 25	< 91	< 50	< 25	< 25	< 5	< 50
BROMOMETHANE	< 25	< 91	< 100	< 50	< 50	< 10	< 100
CARBON DISULFIDE	< 25	< 91	< 50	< 25	< 25	< 5	< 50
CARBON TETRACHLORIDE	< 25	< 91	< 50	< 25	< 25	< 5	< 50
CHLOROBENZENE	< 25	< 91	< 50	< 25	< 25	< 5	< 50
CHLOROETHANE	< 25	< 91	< 100	< 50	< 50	< 10	< 100
CHLOROFORM	< 25	< 91	< 50	< 25	< 25	< 5	< 50
CHLOROMETHANE	< 25	< 91	< 100	< 50	< 50	< 10	< 100
CIS-1,2-DICHLOROETHENE	< 12	< 45	< 25	< 12	< 12	< 2.5	< 25
CIS-1,3-DICHLOROPROPENE	< 25	< 91	< 50	< 25	< 25	< 5	< 50
CYCLOHEXANE	< 25	< 91					
DIBROMOCHLOROMETHANE	< 25	< 91	< 50	< 25	< 25	< 5	< 50
DICHLORODIFLUOROMETHANE	< 25	< 91					
ETHYLBENZENE	< 25	< 91	< 50	< 25	< 25	< 5	< 50
ISOPROPYLBENZENE	< 25	< 91					
METHYL ACETATE	< 250	< 910					
METHYL TERT-BUTYL ETHER	< 120	< 450					
METHYLCYCLOHEXANE	< 25	< 91					
METHYLENE CHLORIDE	< 25	150 B	< 50	< 25	< 25	< 5	< 50
N-HEXANE			< 50	< 25	< 25	< 5	< 50
STYRENE	< 25	< 91	< 50	< 25	< 25	< 5	< 50
TETRACHLOROETHENE	620	2000	1200	740	780	500	1600
TOLUENE	< 25	< 91	< 50	< 25	< 25	< 5	< 50
TRANS-1,2-DICHLOROETHENE	< 12	< 45	< 25	< 12	< 12	< 2.5	< 25
TRANS-1,3-DICHLOROPROPENE	< 25	< 91	< 50	< 25	< 25	< 5	< 50
TRICHLOROETHENE	25	49 J	< 50	31	29	25	< 50
TRICHLOROFLUOROMETHANE	< 25	< 91					
VINYL CHLORIDE	< 25	< 91	< 100	< 50	< 50	< 10	< 100
XYLENES (TOTAL)	< 25	< 91	< 50	< 25	< 25	< 5	< 50

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35a: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-04CD 2001-11-19 Middle CA Ground Water µg/L	MW01-04CD 2003-02-18 Middle CA Ground Water µg/L	MW01-04CD 2003-05-07 Middle CA Ground Water µg/L	MW01-04CD 2003-09-15 Middle CA Ground Water µg/L	MW01-04CD 2003-11-06 Middle CA Ground Water µg/L	MW01-04CD 2004-02-19 Middle CA Ground Water µg/L	MW01-04CD 2004-04-14 Middle CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 40	< 40	< 20	< 33	< 20	< 83	< 17
1,1,2,2-TETRACHLOROETHANE	< 40	< 40	< 20	< 33	< 20	< 83	< 17
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1600	920	580	820	600	2500	400
1,1,2-TRICHLOROETHANE	< 40	< 40	< 20	< 33	< 20	< 83	< 17
1,1-DICHLOROETHANE	< 40	< 40	< 20	< 33	< 20	< 83	< 17
1,1-DICHLOROETHENE	< 40	< 40	< 20	< 33	< 20	< 83	< 17
1,2,4-TRICHLOROBENZENE		< 40	< 20	< 33	< 20	< 83	< 17
1,2-DIBROMO-3-CHLOROPROPANE		< 80	< 40	< 67	< 40	< 170	< 33
1,2-DIBROMOETHANE		< 40	< 20	< 33	< 20	< 83	< 17
1,2-DICHLOROBENZENE		< 40	< 20	< 33	< 20	< 83	< 17
1,2-DICHLOROETHANE	< 40	< 40	< 20	< 33	< 20	< 83	< 17
1,2-DICHLOROETHENE (TOTAL)	< 40						
1,2-DICHLOROPROPANE	< 40	< 40	< 20	< 33	< 20	< 83	< 17
1,3-DICHLOROBENZENE		< 40	< 20	< 33	< 20	< 83	< 17
1,4-DICHLOROBENZENE		< 40	< 20	< 33	< 20	< 83	< 17
2-BUTANONE	< 400	< 400	< 200	< 330	< 200	< 830	< 170
2-HEXANONE	< 400	< 400	< 200	< 330	< 200	< 830	< 170
4-METHYL-2-PENTANONE	< 200	< 400	< 200	< 330	< 200	< 830	< 170
ACETONE	< 400	< 400	< 200	78 J r	< 200	100 J B u	< 170
BENZENE	< 40	< 40	< 20	< 33	4.1 J B	< 83	< 17
BROMODICHLOROMETHANE	< 40	< 40	< 20	< 33	< 20	< 83	< 17
BROMOFORM	< 40	< 40	< 20	< 33	< 20	< 83	< 17
BROMOMETHANE	< 80	< 40	< 20	< 33	< 20	< 83	< 17
CARBON DISULFIDE	< 40	< 40	< 20	< 33	< 20	< 83	< 17
CARBON TETRACHLORIDE	< 40	< 40	< 20	< 33	< 20	< 83	< 17
CHLOROBENZENE	< 40	< 40	< 20	< 33	< 20	< 83	< 17
CHLOROETHANE	< 80	< 40	< 20	< 33	< 20	< 83	< 17
CHLOROFORM	< 40	< 40	< 20	< 33	< 20	< 83	< 17
CHLOROMETHANE	< 80	< 40	< 20	< 33	< 20	< 83	< 17
CIS-1,2-DICHLOROETHENE	< 20	< 20	< 10	< 17	< 10	< 42	< 8.3
CIS-1,3-DICHLOROPROPENE	< 40	< 40	< 20	< 33	< 20	< 83	< 17
CYCLOHEXANE		< 40	< 20	< 33	< 20	< 83	< 17
DIBROMOCHLOROMETHANE	< 40	< 40	< 20	< 33	< 20	< 83	< 17
DICHLORODIFLUOROMETHANE		< 40	< 20	< 33	< 20	< 83	< 17
ETHYLBENZENE	< 40	< 40	< 20	< 33	< 20	< 83	< 17
ISOPROPYLBENZENE		< 40	< 20	< 33	< 20	< 83	< 17
METHYL ACETATE		< 400	< 200	< 330	< 200	< 830	< 170
METHYL TERT-BUTYL ETHER		< 200	< 100	< 170	< 100	< 420	< 83
METHYLCYCLOHEXANE		< 40	< 20	< 33	< 20	< 83	< 17
METHYLENE CHLORIDE	< 40	23 J B	7.1 J	< 33	< 20	130 B	< 17
N-HEXANE	< 40						
STYRENE	< 40	< 40	< 20	< 33	< 20	< 83	< 17
TETRACHLOROETHENE	1000	630	520	680	480	2300	330
TOLUENE	< 40	< 40	< 20	< 33	< 20	< 83	< 17
TRANS-1,2-DICHLOROETHENE	< 20	< 20	< 10	< 17	< 10	< 42	< 8.3
TRANS-1,3-DICHLOROPROPENE	< 40	< 40	< 20	< 33	< 20	< 83	< 17
TRICHLOROETHENE	< 40	26 J	20	25 J	22	59 J	14 J
TRICHLOROFLUOROMETHANE		< 40	< 20	< 33	< 20	< 83	< 17
VINYL CHLORIDE	< 80	< 40	< 20	< 33	< 20	< 83	< 17
XYLENES (TOTAL)	< 40	< 40	< 20	< 33	< 20	< 83	< 17

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35a: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-04SE DUP 2004-03-05 Lower CA Ground Water µg/L	MW01-04SE DUP 2004-04-14 Lower CA Ground Water µg/L	MW01-04SE 2004-02-25 Lower CA Ground Water µg/L	MW01-04SE 2004-03-05 Lower CA Ground Water µg/L	MW01-04SE 2004-04-14 Lower CA Ground Water µg/L	MW01-05 DUP 1998-11-05 Upper CA Ground Water µg/L	MW01-05 DUP 1999-12-01 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.7	< 1	1.2	1.4	0.26 J		
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1		
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2		
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1		
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1		
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)						0.58 J	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	3.2	3.1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1		
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1		
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	1.4 J B u	0.7 J B	0.86 J B u	1.2 J u	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 2	< 2
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 2	< 2
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 2	< 2
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.58	0.6
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1		
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1		
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1		
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10		
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5		
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1		
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE						< 1	< 1
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	2.9	0.7 J	2.7	3	0.71 J	28	31
TOLUENE	0.18 J	< 1	< 1	< 1	< 1	1.9	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	5.3	6.3
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1		
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 2	< 2
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35a: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-05 DUP 2001-06-08 Upper CA Ground Water µg/L	MW01-05 1998-11-05 Upper CA Ground Water µg/L	MW01-05 1999-05-12 Upper CA Ground Water µg/L	MW01-05 1999-12-01 Upper CA Ground Water µg/L	MW01-05 2000-06-06 Upper CA Ground Water µg/L	MW01-05 2000-11-02 Upper CA Ground Water µg/L	MW01-05 2001-06-08 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1.2	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1.2	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1					< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1.2	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1.2	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1.2	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DIBROMOETHANE							
1,2-DICHLOROBENZENE							
1,2-DICHLOROETHANE	< 1	< 1	< 1.2	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1	0.63 J	< 1.2	< 1	< 1	< 1	< 1
1,2-DICHLOROPROPANE	5.2	3.2	4.7	2.9	5.8	6.1	5.2
1,3-DICHLOROBENZENE							
1,4-DICHLOROBENZENE							
2-BUTANONE	< 10	< 10	< 12	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 12	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 5	< 10	< 12	< 10	< 10	< 5	< 5
ACETONE	< 10	< 10	< 12	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1.2	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1.2	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1.2	< 1	< 1	< 1	< 1
BROMOMETHANE	< 2	< 2	< 2.5	< 2	< 2	< 2	< 2
CARBON DISULFIDE	< 1	< 1	< 1.2	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1.2	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1.2	< 1	< 1	< 1	< 1
CHLOROETHANE	< 2	< 2	< 2.5	< 2	< 2	< 2	< 2
CHLOROFORM	< 1	< 1	< 1.2	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 2	< 2	< 2.5	< 2	< 2	< 2	< 2
CIS-1,2-DICHLOROETHENE	< 0.5	0.63	0.73	0.62	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1.2	< 1	< 1	< 1	< 1
CYCLOHEXANE							
DIBROMOCHLOROMETHANE	< 1	< 1	< 1.2	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE							
ETHYLBENZENE	< 1	< 1	< 1.2	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE							
METHYL ACETATE							
METHYL TERT-BUTYL ETHER							
METHYLCYCLOHEXANE							
METHYLENE CHLORIDE	< 1	< 1	< 1.2	< 1	< 1	< 1	< 1
N-HEXANE	< 1	< 1	< 1.2	< 1	< 1	< 1	< 1
STYRENE	< 1	< 1	< 1.2	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	3.2	29	32	30	9.6	3	2.8
TOLUENE	< 1	2.2	< 1.2	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.62	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1.2	< 1	< 1	< 1	< 1
TRICHLOROETHENE	1.6	5.5	6.2	6.2	2.7	1.9	1.5
TRICHLOROFLUOROMETHANE							
VINYL CHLORIDE	< 2	< 2	< 2.5	< 2	< 2	< 2	< 2
XYLENES (TOTAL)	< 1	< 1	< 1.2	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35a: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-05 2001-11-19 Upper CA Ground Water µg/L	MW01-05 2003-02-14 Upper CA Ground Water µg/L	MW01-05 2003-05-06 Upper CA Ground Water µg/L	MW01-05 2003-09-12 Upper CA Ground Water µg/L	MW01-05 2003-11-06 Upper CA Ground Water µg/L	MW01-05 2004-02-19 Upper CA Ground Water µg/L	MW01-05 2004-04-13 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE		< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE		< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE		< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE		< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1						
1,2-DICHLOROPROPANE	2.8	< 1	< 1	0.21 J	< 1	< 1	0.19 J
1,3-DICHLOROBENZENE		< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE		< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 5	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	< 10	< 10	< 10	< 10	< 10	< 10	0.68 J B
BENZENE	< 1	< 1	< 1	< 1	0.23 J B	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 2	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 2	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 2	< 1	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE		< 1	< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE		< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE		< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE		< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER		< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE		< 1	< 1	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	0.72 J	< 1	< 1	< 1	< 1
N-HEXANE	< 1						
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	1.6	0.8 J	1.8	1.7	1.6	4	2.3
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	1.4	1.2	1.3	1.3	1.1	2	1.5
TRICHLOROFLUOROMETHANE		< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 2	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35a: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-05CD 1999-05-12 Middle CA Ground Water µg/L	MW01-05CD 1999-11-30 Middle CA Ground Water µg/L	MW01-05CD 2000-06-06 Middle CA Ground Water µg/L	MW01-05CD 2000-11-02 Middle CA Ground Water µg/L	MW01-05CD 2001-06-08 Middle CA Ground Water µg/L	MW01-05CD 2001-11-19 Middle CA Ground Water µg/L	MW01-05CD 2003-02-14 Middle CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE				< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE							< 1
1,2-DIBROMO-3-CHLOROPROPANE							< 2
1,2-DIBROMOETHANE							< 1
1,2-DICHLOROBENZENE							< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	4.8	1.6	1.5	1.7	< 1	< 1	
1,2-DICHLOROPROPANE	11	7.5	5.4	4.4	2.1	1.9	1.3
1,3-DICHLOROBENZENE							< 1
1,4-DICHLOROBENZENE							< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 5	< 5	< 5	< 10
ACETONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 1
CARBON DISULFIDE	2.6	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 1
CIS-1,2-DICHLOROETHENE	4.8	1.6	1.4	1.7	0.88	0.68	0.55
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE							< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE							< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE							< 1
METHYL ACETATE							< 10
METHYL TERT-BUTYL ETHER							< 5
METHYLCYCLOHEXANE							< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE	< 1	< 1	< 1	< 1	< 1	< 1	
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	0.58 J
TOLUENE	18	1.3	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	1.3	1.7	1.3	1.4	1.2	1.1	0.99 J
TRICHLOROFLUOROMETHANE							< 1
VINYL CHLORIDE	< 2	< 2	< 2	< 2	< 2	< 2	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35a: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-05CD 2003-05-07 Middle CA Ground Water µg/L	MW01-05CD 2003-09-12 Middle CA Ground Water µg/L	MW01-05CD 2003-11-05 Middle CA Ground Water µg/L	MW01-05CD 2004-02-18 Middle CA Ground Water µg/L	MW01-05CD 2004-04-13 Middle CA Ground Water µg/L	MW01-06 DUP 2003-11-06 Upper CA Ground Water µg/L	MW01-06 1998-11-05 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 20	< 33
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 20	< 33
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 20	
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 20	< 33
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 20	< 33
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 20	< 33
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 20	
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 40	
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 20	
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 20	
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 20	< 33
1,2-DICHLOROETHENE (TOTAL)							34
1,2-DICHLOROPROPANE	0.69 J	0.95 J	0.82 J	0.39 J	0.32 J	< 20	< 33
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 20	
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 20	
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 200	< 330
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 200	< 330
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 200	< 330
ACETONE	< 10	< 10	< 10	< 10	< 10	< 200	< 330
BENZENE	< 1	< 1	< 1	< 1	< 1	< 20	< 33
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 20	< 33
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 20	< 33
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 20	< 67
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 20	< 33
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 20	< 33
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 20	< 33
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 20	< 67
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 20	< 33
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 20	< 67
CIS-1,2-DICHLOROETHENE	0.38 J	0.35 J	0.35 J	0.26 J	< 0.5	15	34
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 20	< 33
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 20	
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 20	< 33
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 20	
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 20	< 33
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 20	
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 200	
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 100	
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 20	
METHYLENE CHLORIDE	0.56 J	< 1	< 1	< 1	< 1	< 20	< 33
N-HEXANE							< 33
STYRENE	< 1	< 1	< 1	< 1	< 1	< 20	< 33
TETRACHLOROETHENE	0.71 J	0.41 J	0.36 J	0.71 J	0.69 J	7.3 J	< 33
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 20	< 33
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 17
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 20	< 33
TRICHLOROETHENE	1.1	1.1	1.2	1.1	1.2	610	860
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 20	
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 20	< 67
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 20	< 33

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35a: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-06 1999-05-13 Upper CA Ground Water µg/L	MW01-06 1999-12-01 Upper CA Ground Water µg/L	MW01-06 2000-06-05 Upper CA Ground Water µg/L	MW01-06 2003-02-14 Upper CA Ground Water µg/L	MW01-06 2003-09-15 Upper CA Ground Water µg/L	MW01-06 2003-11-06 Upper CA Ground Water µg/L	MW01-06 2004-02-19 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 25	< 62	< 33	< 40	< 22	< 20	< 17
1,1,2,2-TETRACHLOROETHANE	< 25	< 62	< 33	< 40	< 22	< 20	< 17
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE				< 40	< 22	< 20	< 17
1,1,2-TRICHLOROETHANE	< 25	< 62	< 33	< 40	< 22	< 20	< 17
1,1-DICHLOROETHANE	< 25	< 62	< 33	< 40	< 22	< 20	< 17
1,1-DICHLOROETHENE	< 25	< 62	< 33	< 40	< 22	< 20	< 17
1,2,4-TRICHLOROBENZENE				< 40	< 22	< 20	< 17
1,2-DIBROMO-3-CHLOROPROPANE				< 80	< 44	< 40	< 33
1,2-DIBROMOETHANE				< 40	< 22	< 20	< 17
1,2-DICHLOROBENZENE				< 40	< 22	< 20	< 17
1,2-DICHLOROETHANE	< 25	< 62	< 33	< 40	< 22	< 20	< 17
1,2-DICHLOROETHENE (TOTAL)	40	100	< 33				
1,2-DICHLOROPROPANE	< 25	< 62	< 33	< 40	< 22	< 20	< 17
1,3-DICHLOROBENZENE				< 40	< 22	< 20	< 17
1,4-DICHLOROBENZENE				< 40	< 22	< 20	< 17
2-BUTANONE	< 250	< 620	< 330	< 400	< 220	< 200	< 170
2-HEXANONE	< 250	< 620	< 330	< 400	< 220	< 200	< 170
4-METHYL-2-PENTANONE	< 250	< 620	< 330	< 400	< 220	< 200	< 170
ACETONE	< 250	< 620	< 330	< 400	32 J r	< 200	19 J B u
BENZENE	< 25	< 62	< 33	< 40	< 22	4.7 J B	< 17
BROMODICHLOROMETHANE	< 25	< 62	< 33	< 40	< 22	< 20	< 17
BROMOFORM	< 25	< 62	< 33	< 40	< 22	< 20	< 17
BROMOMETHANE	< 50	< 120	< 67	12 J	< 22	< 20	< 17
CARBON DISULFIDE	< 25	< 62	< 33	< 40	< 22	< 20	< 17
CARBON TETRACHLORIDE	< 25	< 62	< 33	< 40	< 22	< 20	< 17
CHLOROBENZENE	< 25	< 62	< 33	< 40	< 22	< 20	< 17
CHLOROETHANE	< 50	< 120	< 67	< 40	< 22	< 20	< 17
CHLOROFORM	< 25	< 62	< 33	< 40	< 22	< 20	< 17
CHLOROMETHANE	< 50	< 120	< 67	< 40	< 22	< 20	< 17
CIS-1,2-DICHLOROETHENE	40	100	24	25	16	16	11
CIS-1,3-DICHLOROPROPENE	< 25	< 62	< 33	< 40	< 22	< 20	< 17
CYCLOHEXANE				< 40	< 22	< 20	< 17
DIBROMOCHLOROMETHANE	< 25	< 62	< 33	< 40	< 22	< 20	< 17
DICHLORODIFLUOROMETHANE				< 40	< 22	< 20	< 17
ETHYLBENZENE	< 25	< 62	< 33	< 40	< 22	< 20	< 17
ISOPROPYLBENZENE				< 40	< 22	< 20	< 17
METHYL ACETATE				< 400	< 220	< 200	< 170
METHYL TERT-BUTYL ETHER				< 200	< 110	< 100	< 83
METHYLCYCLOHEXANE				< 40	< 22	< 20	< 17
METHYLENE CHLORIDE	< 25	< 62	< 33	< 40	< 22	< 20	25 B
N-HEXANE	< 25	< 62	< 33				
STYRENE	< 25	< 62	< 33	< 40	< 22	< 20	< 17
TETRACHLOROETHENE	< 25	< 62	< 33	18 J	8.2 J	7.6 J	5.2 J
TOLUENE	< 25	< 62	< 33	< 40	< 22	< 20	< 17
TRANS-1,2-DICHLOROETHENE	< 12	< 31	< 17	< 20	< 11	< 10	< 8.3
TRANS-1,3-DICHLOROPROPENE	< 25	< 62	< 33	< 40	< 22	< 20	< 17
TRICHLOROETHENE	630	2200	1100	1400	590	670	380
TRICHLOROFLUOROMETHANE				< 40	< 22	< 20	< 17
VINYL CHLORIDE	< 50	< 120	< 67	< 40	< 22	< 20	< 17
XYLENES (TOTAL)	< 25	< 62	< 33	< 40	< 22	< 20	< 17

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35a: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-06 2004-04-13 Upper CA Ground Water µg/L	MW01-07 DUP 2003-10-15 Upper CA Ground Water µg/L	MW01-07 1999-03-26 Upper CA Ground Water µg/L	MW01-07 1999-05-12 Upper CA Ground Water µg/L	MW01-07 1999-11-30 Upper CA Ground Water µg/L	MW01-07 2000-06-05 Upper CA Ground Water µg/L	MW01-07 2001-11-19 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 14	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 14	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 14	< 1					< 1
1,1,2-TRICHLOROETHANE	< 14	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 14	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 14	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 14	< 1					
1,2-DIBROMO-3-CHLOROPROPANE	< 29	< 2					
1,2-DIBROMOETHANE	< 14	< 1					
1,2-DICHLOROBENZENE	< 14	< 1					
1,2-DICHLOROETHANE	< 14	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)			< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROPROPANE	< 14	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 14	< 1					
1,4-DICHLOROBENZENE	< 14	< 1					
2-BUTANONE	< 140	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 140	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 140	< 10	< 10	< 10	< 10	< 10	< 5
ACETONE	< 140	< 10	< 10	< 10	< 10	< 10	< 10
BENZENE	< 14	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 14	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 14	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 14	< 1	< 2	< 2	< 2	< 2	< 2
CARBON DISULFIDE	< 14	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 14	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 14	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 14	< 1	< 2	< 2	< 2	< 2	< 2
CHLOROFORM	< 14	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 14	< 1	< 2	< 2	< 2	< 2	< 2
CIS-1,2-DICHLOROETHENE	11	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 14	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 14	< 1					
DIBROMOCHLOROMETHANE	< 14	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 14	< 1					
ETHYLBENZENE	< 14	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 14	< 1					
METHYL ACETATE	< 140	< 10					
METHYL TERT-BUTYL ETHER	< 71	< 5					
METHYLCYCLOHEXANE	< 14	< 1					
METHYLENE CHLORIDE	< 14	< 1	< 1	< 1	< 1	1.5	< 1
N-HEXANE			< 1	< 1	< 1	< 1	< 1
STYRENE	< 14	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	5.4 J	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 14	< 1	6	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 7.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 14	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	420	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 14	< 1					
VINYL CHLORIDE	< 14	< 1	< 2	< 2	< 2	< 2	< 2
XYLENES (TOTAL)	< 14	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35a: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-07 2003-02-12 Upper CA Ground Water µg/L	MW01-07 2003-09-10 Upper CA Ground Water µg/L	MW01-07 2003-10-15 Upper CA Ground Water µg/L	MW01-07 2003-11-04 Upper CA Ground Water µg/L	MW01-07 2004-02-17 Upper CA Ground Water µg/L	MW01-07 2004-04-12 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)						
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	< 10	1.4 J r	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	0.95 J
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	0.27 J B u	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE						
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	2.7	< 1	< 1	< 1	< 1
TOLUENE	1.1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35b: Cedarville Aquifer VOC Analytical Data From Monitoring Wells

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-08 1999-03-26 Upper CA Ground Water µg/L	MW01-08 1999-05-12 Upper CA Ground Water µg/L	MW01-08 1999-11-30 Upper CA Ground Water µg/L	MW01-08 2000-06-05 Upper CA Ground Water µg/L	MW01-08 2000-11-01 Upper CA Ground Water µg/L	MW01-08 2001-06-07 Upper CA Ground Water µg/L	MW01-08 2003-02-13 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE							< 1
1,2-DIBROMO-3-CHLOROPROPANE							< 2
1,2-DIBROMOETHANE							< 1
1,2-DICHLOROBENZENE							< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE							< 1
1,4-DICHLOROBENZENE							< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 5	< 5	< 10
ACETONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE							< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE							< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE							< 1
METHYL ACETATE							< 10
METHYL TERT-BUTYL ETHER							< 5
METHYLCYCLOHEXANE							< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	1.7	< 1	< 1	< 1
N-HEXANE	< 1	< 1	< 1	< 1	< 1	< 1	
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	1.6	< 1	< 1	< 1
TOLUENE	4.4	1.4	< 1	< 1	< 1	< 1	0.76 J
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE							< 1
VINYL CHLORIDE	< 2	< 2	< 2	< 2	< 2	< 2	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35b: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-08 2003-09-10 Upper CA Ground Water µg/L	MW01-08 2003-11-04 Upper CA Ground Water µg/L	MW01-08 2004-02-17 Upper CA Ground Water µg/L	MW01-08 2004-04-12 Upper CA Ground Water µg/L	MW01-09 1999-03-26 Upper CA Ground Water µg/L	MW01-09 1999-05-12 Upper CA Ground Water µg/L	MW01-09 1999-11-30 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1			
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1			
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2			
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1			
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1			
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)					< 1	< 1	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1			
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1			
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	1.5 J r	< 10	< 10	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	0.27 J	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 2	< 2	< 2
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 2	< 2	< 2
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 2	< 2	< 2
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1			
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1			
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1			
METHYL ACETATE	< 10	< 10	< 10	< 10			
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5			
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1			
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE					< 1	< 1	< 1
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	10	9.3	7.6
TOLUENE	< 1	< 1	< 1	< 1	14	7.5	1.2
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1			
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 2	< 2	< 2
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35b: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-09 2000-06-06 Upper CA Ground Water µg/L	MW01-09 2000-11-01 Upper CA Ground Water µg/L	MW01-09 2001-06-08 Upper CA Ground Water µg/L	MW01-09 2003-02-13 Upper CA Ground Water µg/L	MW01-09 2003-09-12 Upper CA Ground Water µg/L	MW01-09 2003-11-06 Upper CA Ground Water µg/L	MW01-09 2004-02-19 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE		< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE				< 1	< 1	0.27 J B	< 1
1,2-DIBROMO-3-CHLOROPROPANE				< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE				< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE				< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1	< 1	< 1				
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE				< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE				< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 5	< 5	< 10	< 10	< 10	< 10
ACETONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	0.22 J B	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 2	< 2	< 2	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 2	< 2	< 2	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 2	< 2	< 2	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.36 J
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE				< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE				< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE				< 1	< 1	< 1	< 1
METHYL ACETATE				< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER				< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE				< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE	< 1	< 1	< 1				
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	4.8	2.3	6.3	2.6	1.8	1.3	1.1
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE				< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 2	< 2	< 2	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35b: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-09 2004-04-13 Upper CA Ground Water µg/L	MW01-10 DUP 1999-03-26 Upper CA Ground Water µg/L	MW01-10 DUP 2003-02-14 Upper CA Ground Water µg/L	MW01-10 DUP 2003-09-15 Upper CA Ground Water µg/L	MW01-10 1999-03-26 Upper CA Ground Water µg/L	MW01-10 1999-05-13 Upper CA Ground Water µg/L	MW01-10 1999-12-01 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 5	< 12	< 20	< 5	< 5.6	< 6.2
1,1,2,2-TETRACHLOROETHANE	< 1	< 5	< 12	< 20	< 5	< 5.6	< 6.2
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1		54	91			
1,1,2-TRICHLOROETHANE	< 1	< 5	< 12	< 20	< 5	< 5.6	< 6.2
1,1-DICHLOROETHANE	< 1	< 5	< 12	< 20	< 5	< 5.6	< 6.2
1,1-DICHLOROETHENE	< 1	< 5	< 12	< 20	< 5	< 5.6	< 6.2
1,2,4-TRICHLOROBENZENE	< 1		< 12	< 20			
1,2-DIBROMO-3-CHLOROPROPANE	< 2		< 25	< 40			
1,2-DIBROMOETHANE	< 1		< 12	< 20			
1,2-DICHLOROBENZENE	< 1		< 12	< 20			
1,2-DICHLOROETHANE	< 1	< 5	< 12	< 20	< 5	< 5.6	< 6.2
1,2-DICHLOROETHENE (TOTAL)		5.3			5.3	6.1	20
1,2-DICHLOROPROPANE	< 1	< 5	< 12	< 20	< 5	< 5.6	< 6.2
1,3-DICHLOROBENZENE	< 1		< 12	< 20			
1,4-DICHLOROBENZENE	< 1		< 12	< 20			
2-BUTANONE	< 10	< 50	< 120	< 200	< 50	< 56	< 62
2-HEXANONE	< 10	< 50	< 120	< 200	< 50	< 56	< 62
4-METHYL-2-PENTANONE	< 10	< 50	< 120	< 200	< 50	< 56	< 62
ACETONE	< 10	< 50	< 120	< 200	< 50	< 56	< 62
BENZENE	< 1	< 5	< 12	< 20	< 5	< 5.6	< 6.2
BROMODICHLOROMETHANE	< 1	< 5	< 12	< 20	< 5	< 5.6	< 6.2
BROMOFORM	< 1	< 5	< 12	< 20	< 5	< 5.6	< 6.2
BROMOMETHANE	< 1	< 10	< 12	< 20	< 10	< 11	< 12
CARBON DISULFIDE	< 1	< 5	< 12	< 20	< 5	< 5.6	< 6.2
CARBON TETRACHLORIDE	< 1	< 5	< 12	< 20	< 5	< 5.6	< 6.2
CHLOROBENZENE	< 1	< 5	< 12	< 20	< 5	< 5.6	< 6.2
CHLOROETHANE	< 1	< 10	< 12	< 20	< 10	< 11	< 12
CHLOROFORM	< 1	< 5	< 12	< 20	< 5	< 5.6	< 6.2
CHLOROMETHANE	< 1	< 10	< 12	< 20	< 10	< 11	< 12
CIS-1,2-DICHLOROETHENE	0.27 J	5.3	44	83	5.2	6.1	20
CIS-1,3-DICHLOROPROPENE	< 1	< 5	< 12	< 20	< 5	< 5.6	< 6.2
CYCLOHEXANE	< 1		< 12	< 20			
DIBROMOCHLOROMETHANE	< 1	< 5	< 12	< 20	< 5	< 5.6	< 6.2
DICHLORODIFLUOROMETHANE	< 1		< 12	< 20			
ETHYLBENZENE	< 1	< 5	< 12	< 20	< 5	< 5.6	< 6.2
ISOPROPYLBENZENE	< 1		< 12	< 20			
METHYL ACETATE	< 10		< 120	< 200			
METHYL TERT-BUTYL ETHER	< 5		< 62	< 100			
METHYLCYCLOHEXANE	< 1		< 12	< 20			
METHYLENE CHLORIDE	< 1	< 5	6.1 J B	< 20	< 5	< 5.6	< 6.2
N-HEXANE		< 5			< 5	< 5.6	< 6.2
STYRENE	< 1	< 5	< 12	< 20	< 5	< 5.6	< 6.2
TETRACHLOROETHENE	1.2	170	380	530	180	180	150
TOLUENE	< 1	< 5	< 12	< 20	< 5	< 5.6	< 6.2
TRANS-1,2-DICHLOROETHENE	< 0.5	< 2.5	< 6.2	< 10	< 2.5	< 2.8	< 3.1
TRANS-1,3-DICHLOROPROPENE	< 1	< 5	< 12	< 20	< 5	< 5.6	< 6.2
TRICHLOROETHENE	< 1	100	85	70	100	110	88
TRICHLOROFLUOROMETHANE	< 1		< 12	< 20			
VINYL CHLORIDE	< 1	< 10	< 12	17 J	< 10	< 11	< 12
XYLENES (TOTAL)	< 1	< 5	< 12	< 20	< 5	< 5.6	< 6.2

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35b: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-10 2000-06-06 Upper CA Ground Water µg/L	MW01-10 2000-11-01 Upper CA Ground Water µg/L	MW01-10 2001-06-08 Upper CA Ground Water µg/L	MW01-10 2001-11-19 Upper CA Ground Water µg/L	MW01-10 2003-02-14 Upper CA Ground Water µg/L	MW01-10 2003-09-15 Upper CA Ground Water µg/L	MW01-10 2003-11-06 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 12	< 17	< 10	< 11	< 12	< 20	< 17
1,1,2,2-TETRACHLOROETHANE	< 12	< 17	< 10	< 11	< 12	< 20	< 17
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE		75	36	87	74	82	95
1,1,2-TRICHLOROETHANE	< 12	< 17	< 10	< 11	< 12	< 20	< 17
1,1-DICHLOROETHANE	< 12	< 17	< 10	< 11	< 12	< 20	< 17
1,1-DICHLOROETHENE	< 12	< 17	< 10	< 11	< 12	< 20	< 17
1,2,4-TRICHLOROBENZENE					< 12	< 20	< 17
1,2-DIBROMO-3-CHLOROPROPANE					< 25	< 40	< 33
1,2-DIBROMOETHANE					< 12	< 20	< 17
1,2-DICHLOROBENZENE					< 12	< 20	< 17
1,2-DICHLOROETHANE	< 12	< 17	< 10	< 11	< 12	< 20	< 17
1,2-DICHLOROETHENE (TOTAL)	37	30	30	31			
1,2-DICHLOROPROPANE	14	< 17	< 10	< 11	< 12	< 20	< 17
1,3-DICHLOROBENZENE					< 12	< 20	< 17
1,4-DICHLOROBENZENE					< 12	< 20	< 17
2-BUTANONE	< 120	< 170	< 100	< 110	< 120	< 200	< 170
2-HEXANONE	< 120	< 170	< 100	< 110	< 120	< 200	< 170
4-METHYL-2-PENTANONE	< 120	< 83	< 50	< 56	< 120	< 200	< 170
ACETONE	< 120	< 170	< 100	< 110	< 120	< 200	< 170
BENZENE	< 12	< 17	< 10	< 11	< 12	< 20	3.7 J B
BROMODICHLOROMETHANE	< 12	< 17	< 10	< 11	< 12	< 20	< 17
BROMOFORM	< 12	< 17	< 10	< 11	< 12	< 20	< 17
BROMOMETHANE	< 25	< 33	< 20	< 22	< 12	< 20	< 17
CARBON DISULFIDE	< 12	< 17	< 10	< 11	< 12	< 20	< 17
CARBON TETRACHLORIDE	< 12	< 17	< 10	< 11	< 12	< 20	< 17
CHLOROBENZENE	< 12	< 17	< 10	< 11	< 12	< 20	< 17
CHLOROETHANE	< 25	< 33	< 20	< 22	< 12	< 20	< 17
CHLOROFORM	< 12	< 17	< 10	< 11	< 12	< 20	< 17
CHLOROMETHANE	< 25	< 33	< 20	< 22	< 12	< 20	< 17
CIS-1,2-DICHLOROETHENE	36	30	30	31	47	110	94
CIS-1,3-DICHLOROPROPENE	< 12	< 17	< 10	< 11	< 12	< 20	< 17
CYCLOHEXANE					< 12	< 20	< 17
DIBROMOCHLOROMETHANE	< 12	< 17	< 10	< 11	< 12	< 20	< 17
DICHLORODIFLUOROMETHANE					< 12	< 20	< 17
ETHYLBENZENE	< 12	< 17	< 10	< 11	< 12	< 20	< 17
ISOPROPYLBENZENE					< 12	< 20	< 17
METHYL ACETATE					< 120	< 200	< 170
METHYL TERT-BUTYL ETHER					< 62	< 100	< 83
METHYLCYCLOHEXANE					< 12	< 20	< 17
METHYLENE CHLORIDE	< 12	< 17	< 10	< 11	< 12	< 20	< 17
N-HEXANE	< 12	< 17	< 10	< 11			
STYRENE	< 12	< 17	< 10	< 11	< 12	< 20	< 17
TETRACHLOROETHENE	360	360	290	320	390	600	540
TOLUENE	< 12	< 17	< 10	< 11	< 12	< 20	< 17
TRANS-1,2-DICHLOROETHENE	< 6.2	< 8.3	< 5	< 5.6	< 6.2	< 10	< 8.3
TRANS-1,3-DICHLOROPROPENE	< 12	< 17	< 10	< 11	< 12	< 20	< 17
TRICHLOROETHENE	83	120	100	110	83	64	63
TRICHLOROFLUOROMETHANE					< 12	< 20	< 17
VINYL CHLORIDE	< 25	< 33	< 20	< 22	< 12	22	20
XYLENES (TOTAL)	< 12	< 17	< 10	< 11	< 12	< 20	< 17

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35b: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-10 2004-02-19 Upper CA Ground Water µg/L	MW01-10 2004-04-14 Upper CA Ground Water µg/L	MW01-11 1999-05-21 Upper CA Ground Water µg/L	MW01-11 1999-12-01 Upper CA Ground Water µg/L	MW01-11 2000-06-06 Upper CA Ground Water µg/L	MW01-11 2001-06-08 Upper CA Ground Water µg/L	MW01-11 2003-02-14 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 20	< 20	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 20	< 20	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	110	88				< 1	< 1
1,1,2-TRICHLOROETHANE	< 20	< 20	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 20	< 20	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 20	< 20	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 20	< 20					< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 40	< 40					< 2
1,2-DIBROMOETHANE	< 20	< 20					< 1
1,2-DICHLOROBENZENE	< 20	< 20					< 1
1,2-DICHLOROETHANE	< 20	< 20	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)			4.3	11	9.3	7.3	
1,2-DICHLOROPROPANE	< 20	< 20	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 20	< 20					< 1
1,4-DICHLOROBENZENE	< 20	< 20					< 1
2-BUTANONE	< 200	< 200	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 200	< 200	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 200	< 200	< 10	< 10	< 10	< 5	< 10
ACETONE	24 J B u	< 200	< 10	< 10	< 10	< 10	< 10
BENZENE	< 20	< 20	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 20	< 20	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 20	< 20	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 20	< 20	< 2	< 2	< 2	< 2	< 1
CARBON DISULFIDE	< 20	< 20	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 20	< 20	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 20	< 20	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 20	< 20	< 2	< 2	< 2	< 2	< 1
CHLOROFORM	< 20	< 20	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 20	< 20	< 2	< 2	< 2	< 2	< 1
CIS-1,2-DICHLOROETHENE	140	95	4.1	11	8.9	7.1	10
CIS-1,3-DICHLOROPROPENE	< 20	< 20	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 20	< 20					< 1
DIBROMOCHLOROMETHANE	< 20	< 20	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 20	< 20					< 1
ETHYLBENZENE	< 20	< 20	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 20	< 20					< 1
METHYL ACETATE	< 200	< 200					< 10
METHYL TERT-BUTYL ETHER	< 100	< 100					< 5
METHYLCYCLOHEXANE	< 20	< 20					< 1
METHYLENE CHLORIDE	35 B	< 20	< 1	< 1	< 1	< 1	< 1
N-HEXANE			< 1	< 1	< 1	< 1	
STYRENE	< 20	< 20	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	570	580	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 20	< 20	1.3	2.5	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 10	< 10	< 0.5	< 0.5	< 0.5	< 0.5	0.46 J
TRANS-1,3-DICHLOROPROPENE	< 20	< 20	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	41	42	13	28	26	24	32
TRICHLOROFLUOROMETHANE	< 20	< 20					< 1
VINYL CHLORIDE	37	23	< 2	< 2	< 2	< 2	< 1
XYLENES (TOTAL)	< 20	< 20	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35b: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-11 2003-09-15 Upper CA Ground Water µg/L	MW01-11 2003-11-06 Upper CA Ground Water µg/L	MW01-11 2004-02-19 Upper CA Ground Water µg/L	MW01-11 2004-04-13 Upper CA Ground Water µg/L	MW01-14 2000-06-07 Upper CA Ground Water µg/L	MW01-14 2003-02-13 Upper CA Ground Water µg/L	MW01-14 2003-09-12 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1.4	< 1	< 1		< 25	< 20
1,1,2,2-TETRACHLOROETHANE	< 1	< 1.4	< 1	< 1		< 25	< 20
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1.4	0.45 J	< 1		510	420
1,1,2-TRICHLOROETHANE	< 1	< 1.4	< 1	< 1		< 25	< 20
1,1-DICHLOROETHANE	< 1	< 1.4	< 1	< 1		< 25	< 20
1,1-DICHLOROETHENE	< 1	< 1.4	< 1	< 1		< 25	< 20
1,2,4-TRICHLOROBENZENE	< 1	< 1.4	< 1	0.17 J		< 25	< 20
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2.9	< 2	< 2		< 50	< 40
1,2-DIBROMOETHANE	< 1	< 1.4	< 1	< 1		< 25	< 20
1,2-DICHLOROBENZENE	< 1	< 1.4	< 1	< 1		< 25	< 20
1,2-DICHLOROETHANE	< 1	< 1.4	< 1	< 1		< 25	< 20
1,2-DICHLOROETHENE (TOTAL)							
1,2-DICHLOROPROPANE	0.24 J	< 1.4	< 1	< 1		< 25	< 20
1,3-DICHLOROBENZENE	< 1	< 1.4	< 1	< 1		< 25	< 20
1,4-DICHLOROBENZENE	< 1	< 1.4	< 1	< 1		< 25	< 20
2-BUTANONE	< 10	< 14	< 10	< 10		< 250	< 200
2-HEXANONE	< 10	< 14	< 10	< 10		< 250	< 200
4-METHYL-2-PENTANONE	< 10	< 14	< 10	< 10		< 250	< 200
ACETONE	< 10	< 14	0.82 J B u	< 10		< 250	< 200
BENZENE	< 1	< 1.4	< 1	< 1	< 8.3	< 25	< 20
BROMODICHLOROMETHANE	< 1	< 1.4	< 1	< 1		< 25	< 20
BROMOFORM	< 1	< 1.4	< 1	< 1		< 25	< 20
BROMOMETHANE	< 1	< 1.4	< 1	< 1		< 25	< 20
CARBON DISULFIDE	< 1	< 1.4	< 1	< 1		< 25	< 20
CARBON TETRACHLORIDE	< 1	< 1.4	< 1	< 1		< 25	< 20
CHLOROBENZENE	< 1	< 1.4	< 1	< 1		< 25	< 20
CHLOROETHANE	< 1	< 1.4	< 1	< 1		< 25	< 20
CHLOROFORM	< 1	< 1.4	< 1	< 1		< 25	< 20
CHLOROMETHANE	< 1	< 1.4	< 1	< 1		< 25	< 20
CIS-1,2-DICHLOROETHENE	6.8	9.5	3.7	4.9		39	37
CIS-1,3-DICHLOROPROPENE	< 1	< 1.4	< 1	< 1		< 25	< 20
CYCLOHEXANE	< 1	< 1.4	< 1	< 1		< 25	< 20
DIBROMOCHLOROMETHANE	< 1	< 1.4	< 1	< 1		< 25	< 20
DICHLORODIFLUOROMETHANE	< 1	< 1.4	< 1	< 1		< 25	< 20
ETHYLBENZENE	< 1	< 1.4	< 1	< 1	< 8.3	< 25	< 20
ISOPROPYLBENZENE	< 1	< 1.4	< 1	< 1		< 25	< 20
METHYL ACETATE	< 10	< 14	< 10	< 10		< 250	< 200
METHYL TERT-BUTYL ETHER	< 5	< 7.2	< 5	< 5		< 120	< 100
METHYLCYCLOHEXANE	< 1	< 1.4	< 1	< 1		< 25	< 20
METHYLENE CHLORIDE	< 1	< 1.4	< 1	< 1		< 25	< 20
N-HEXANE							
STYRENE	< 1	< 1.4	< 1	< 1		< 25	< 20
TETRACHLOROETHENE	< 1	< 1.4	0.77 J	0.4 J		740	720
TOLUENE	< 1	< 1.4	< 1	< 1	49	< 25	< 20
TRANS-1,2-DICHLOROETHENE	0.28 J	< 0.72	< 0.5	< 0.5		< 12	< 10
TRANS-1,3-DICHLOROPROPENE	< 1	< 1.4	< 1	< 1		< 25	< 20
TRICHLOROETHENE	40	40	12	13		60	61
TRICHLOROFLUOROMETHANE	< 1	< 1.4	< 1	< 1		< 25	< 20
VINYL CHLORIDE	< 1	< 1.4	< 1	< 1		< 25	< 20
XYLENES (TOTAL)	< 1	< 1.4	< 1	< 1	< 8.3	< 25	< 20

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35b: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW01-14 2003-11-06 Upper CA Ground Water µg/L	MW01-14 2004-02-19 Upper CA Ground Water µg/L	MW01-14 2004-04-13 Upper CA Ground Water µg/L	RW01-01 1999-04-20 Upper CA Ground Water µg/L	RW01-01 1999-04-27 Upper CA Ground Water µg/L	RW01-01 1999-05-04 Upper CA Ground Water µg/L	RW01-01 1999-05-11 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 17	< 29	< 12	< 5	< 5	< 25	< 50
1,1,2,2-TETRACHLOROETHANE	< 17	< 29	< 12	< 5	< 5	< 25	< 50
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	420	340	270				
1,1,2-TRICHLOROETHANE	< 17	< 29	< 12	< 5	< 5	< 25	< 50
1,1-DICHLOROETHANE	< 17	< 29	< 12	< 5	< 5	< 25	< 50
1,1-DICHLOROETHENE	< 17	< 29	< 12	< 5	< 5	< 25	< 50
1,2,4-TRICHLOROBENZENE	< 17	< 29	< 12				
1,2-DIBROMO-3-CHLOROPROPANE	< 33	< 57	< 25				
1,2-DIBROMOETHANE	< 17	< 29	< 12				
1,2-DICHLOROBENZENE	< 17	< 29	< 12				
1,2-DICHLOROETHANE	< 17	< 29	< 12	< 5	< 5	< 25	< 50
1,2-DICHLOROETHENE (TOTAL)				< 5	< 5	< 25	< 50
1,2-DICHLOROPROPANE	< 17	< 29	< 12	< 5	< 5	< 25	< 50
1,3-DICHLOROBENZENE	< 17	< 29	< 12				
1,4-DICHLOROBENZENE	< 17	< 29	< 12				
2-BUTANONE	< 170	< 290	< 120	< 50	< 50	< 250	< 500
2-HEXANONE	< 170	< 290	< 120	< 50	< 50	< 250	< 500
4-METHYL-2-PENTANONE	< 170	< 290	< 120	< 50	< 50	< 250	< 500
ACETONE	< 170	34 J B u	15 J B	< 50	740	780	1300
BENZENE	3.5 J B	< 29	< 12	< 5	< 5	< 25	< 50
BROMODICHLOROMETHANE	< 17	< 29	< 12	< 5	< 5	< 25	< 50
BROMOFORM	< 17	< 29	< 12	< 5	< 5	< 25	< 50
BROMOMETHANE	< 17	< 29	< 12	< 10	< 10	< 50	< 100
CARBON DISULFIDE	< 17	< 29	< 12	< 5	< 5	< 25	< 50
CARBON TETRACHLORIDE	< 17	< 29	< 12	< 5	< 5	< 25	< 50
CHLOROBENZENE	< 17	< 29	< 12	< 5	< 5	< 25	< 50
CHLOROETHANE	< 17	< 29	< 12	< 10	< 10	< 50	< 100
CHLOROFORM	< 17	< 29	< 12	< 5	< 5	< 25	< 50
CHLOROMETHANE	< 17	< 29	< 12	< 10	< 10	< 50	< 100
CIS-1,2-DICHLOROETHENE	77	26	110	4.2	< 2.5	< 12	< 25
CIS-1,3-DICHLOROPROPENE	< 17	< 29	< 12	< 5	< 5	< 25	< 50
CYCLOHEXANE	< 17	< 29	< 12				
DIBROMOCHLOROMETHANE	< 17	< 29	< 12	< 5	< 5	< 25	< 50
DICHLORODIFLUOROMETHANE	< 17	< 29	< 12				
ETHYLBENZENE	< 17	< 29	< 12	< 5	< 5	< 25	< 50
ISOPROPYLBENZENE	< 17	< 29	< 12				
METHYL ACETATE	< 170	< 290	< 120				
METHYL TERT-BUTYL ETHER	< 83	< 140	< 62				
METHYLCYCLOHEXANE	< 17	< 29	< 12				
METHYLENE CHLORIDE	< 17	42 B	< 12	< 5	< 5	< 25	< 50
N-HEXANE				< 5	< 5	< 25	< 50
STYRENE	< 17	< 29	< 12	< 5	< 5	< 25	< 50
TETRACHLOROETHENE	620	490	390	150	< 5	< 25	< 50
TOLUENE	< 17	< 29	< 12	< 5	< 5	< 25	< 50
TRANS-1,2-DICHLOROETHENE	< 8.3	< 14	< 6.2	< 2.5	< 2.5	< 12	< 25
TRANS-1,3-DICHLOROPROPENE	< 17	< 29	< 12	< 5	< 5	< 25	< 50
TRICHLOROETHENE	52	41	37	44	< 5	< 25	< 50
TRICHLOROFLUOROMETHANE	< 17	< 29	< 12				
VINYL CHLORIDE	9.1 J	< 29	3.5 J	< 10	< 10	< 50	< 100
XYLENES (TOTAL)	< 17	< 29	< 12	< 5	< 5	< 25	< 50

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35b: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	RW01-01 1999-05-20 Upper CA Ground Water µg/L	RW01-01 1999-12-01 Upper CA Ground Water µg/L	RW01-02 1999-04-20 Upper CA Ground Water µg/L	RW01-02 1999-04-21 Upper CA Ground Water µg/L	RW01-02 1999-04-22 Upper CA Ground Water µg/L	RW01-02 1999-04-23 Upper CA Ground Water µg/L	RW01-02 1999-04-27 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 50	< 8.3	< 1.7 uj	< 5	< 5	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 50	< 8.3	< 1.7 uj	< 5	< 5	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE							
1,1,2-TRICHLOROETHANE	< 50	< 8.3	< 1.7 uj	< 5	< 5	< 1	< 1
1,1-DICHLOROETHANE	< 50	< 8.3	< 1.7 uj	< 5	< 5	< 1	< 1
1,1-DICHLOROETHENE	< 50	< 8.3	< 1.7 uj	< 5	< 5	< 1	< 1
1,2,4-TRICHLOROBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DIBROMOETHANE							
1,2-DICHLOROBENZENE							
1,2-DICHLOROETHANE	< 50	< 8.3	< 1.7 uj	< 5	< 5	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 50	260	4.9 j	< 5	< 5	< 1	< 1
1,2-DICHLOROPROPANE	< 50	< 8.3	< 1.7 uj	< 5	< 5	< 1	< 1
1,3-DICHLOROBENZENE							
1,4-DICHLOROBENZENE							
2-BUTANONE	< 500	< 83	< 17 uj	30	230	260	29
2-HEXANONE	< 500	< 83	< 17 uj	< 50	< 50	< 10	< 10
4-METHYL-2-PENTANONE	< 500	< 83	< 17 uj	< 50	< 50	< 10	< 10
ACETONE	1200	< 83	< 17 uj	42	130	260	74
BENZENE	< 50	< 8.3	< 1.7 uj	< 5	< 5	< 1	< 1
BROMODICHLOROMETHANE	< 50	< 8.3	< 1.7 uj	< 5	< 5	< 1	< 1
BROMOFORM	< 50	< 8.3	< 1.7 uj	< 5	< 5	< 1	< 1
BROMOMETHANE	< 100	< 17	< 3.3 uj	< 2	< 10	< 2	< 2
CARBON DISULFIDE	< 50	< 8.3	< 1.7 uj	< 5	< 5	< 1	< 1
CARBON TETRACHLORIDE	< 50	< 8.3	< 1.7 uj	< 5	< 5	< 1	< 1
CHLOROBENZENE	< 50	< 8.3	< 1.7 uj	< 5	< 5	< 1	< 1
CHLOROETHANE	< 100	< 17	< 3.3 uj	< 2	< 10	< 2	< 2
CHLOROFORM	< 50	< 8.3	< 1.7 uj	< 5	< 5	< 1	< 1
CHLOROMETHANE	< 100	< 17	< 3.3 uj	< 2	< 10	< 2	< 2
CIS-1,2-DICHLOROETHENE	< 25	250	4.7 j	< 2.5	< 2.5	< 0.5	0.81
CIS-1,3-DICHLOROPROPENE	< 50	< 8.3	< 1.7 uj	< 5	< 5	< 1	< 1
CYCLOHEXANE							
DIBROMOCHLOROMETHANE	< 50	< 8.3	< 1.7 uj	< 5	< 5	< 1	< 1
DICHLORODIFLUOROMETHANE							
ETHYLBENZENE	< 50	< 8.3	< 1.7 uj	< 5	< 5	< 1	< 1
ISOPROPYLBENZENE							
METHYL ACETATE							
METHYL TERT-BUTYL ETHER							
METHYLCYCLOHEXANE							
METHYLENE CHLORIDE	< 50	< 8.3	< 1.7 uj	7.4	< 5	< 1	< 1
N-HEXANE	< 50	< 8.3	< 1.7 uj	< 5	< 5	< 1	< 1
STYRENE	< 50	< 8.3	< 1.7 uj	< 5	< 5	< 1	< 1
TETRACHLOROETHENE	< 50	31	54 j	4.2	< 5	< 1	26
TOLUENE	< 50	< 8.3	< 1.7 uj	< 5	< 5	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 25	5.8	< 0.83 uj	< 2.5	< 2.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 50	< 8.3	< 1.7 uj	< 5	< 5	< 1	< 1
TRICHLOROETHENE	< 50	25	51 j	< 5	< 5	< 1	13
TRICHLOROFLUOROMETHANE							
VINYL CHLORIDE	< 100	< 17	< 3.3 uj	< 2	< 10	< 2	< 2
XYLENES (TOTAL)	< 50	< 8.3	< 1.7 uj	< 5	< 5	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35b: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	RW01-02 1999-05-04 Upper CA Ground Water µg/L	RW01-02 1999-05-11 Upper CA Ground Water µg/L	RW01-02 1999-05-20 Upper CA Ground Water µg/L	RW01-02 1999-12-01 Upper CA Ground Water µg/L	RW01-03 1999-04-20 Upper CA Ground Water µg/L	RW01-03 1999-04-21 Upper CA Ground Water µg/L	RW01-03 1999-04-22 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1.5	< 3.6	< 500	< 330	< 420
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1.5	< 3.6	< 500	< 330	< 420
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE							
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1.5	< 3.6	< 500	< 330	< 420
1,1-DICHLOROETHANE	< 1	< 1	< 1.5	< 3.6	< 500	< 330	< 420
1,1-DICHLOROETHENE	< 1	< 1	< 1.5	< 3.6	< 500	< 330	< 420
1,2,4-TRICHLOROBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DIBROMOETHANE							
1,2-DICHLOROBENZENE							
1,2-DICHLOROETHANE	< 1	< 1	< 1.5	< 3.6	< 500	< 330	< 420
1,2-DICHLOROETHENE (TOTAL)	3	3.4	4	12	< 500	< 330	< 420
1,2-DICHLOROPROPANE	< 1	< 1	< 1.5	< 3.6	< 500	< 330	< 420
1,3-DICHLOROBENZENE							
1,4-DICHLOROBENZENE							
2-BUTANONE	26	< 10	< 15	< 36	< 5000	< 3300	< 4200
2-HEXANONE	< 10	< 10	< 15	< 36	< 5000	< 3300	< 4200
4-METHYL-2-PENTANONE	< 10	< 10	< 15	< 36	< 5000	< 3300	< 4200
ACETONE	67	11	< 15	< 36	< 5000	< 3300	< 4200
BENZENE	< 1	< 1	< 1.5	< 3.6	< 500	< 330	< 420
BROMODICHLOROMETHANE	< 1	< 1	< 1.5	< 3.6	< 500	< 330	< 420
BROMOFORM	< 1	< 1	< 1.5	< 3.6	< 500	< 330	< 420
BROMOMETHANE	< 2	< 2	< 2.9	< 7.1	< 500	< 670	< 830
CARBON DISULFIDE	< 1	< 1	< 1.5	< 3.6	< 500	< 330	< 420
CARBON TETRACHLORIDE	< 1	< 1	< 1.5	< 3.6	< 500	< 330	< 420
CHLOROBENZENE	< 1	< 1	< 1.5	< 3.6	< 500	< 330	< 420
CHLOROETHANE	< 2	< 2	< 2.9	< 7.1	< 500	< 670	< 830
CHLOROFORM	< 1	< 1	< 1.5	< 3.6	< 500	< 330	< 420
CHLOROMETHANE	< 2	< 2	< 2.9	< 7.1	< 500	< 670	< 830
CIS-1,2-DICHLOROETHENE	3	3.4	3.9	12	< 250	< 170	< 210
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1.5	< 3.6	< 500	< 330	< 420
CYCLOHEXANE							
DIBROMOCHLOROMETHANE	< 1	< 1	< 1.5	< 3.6	< 500	< 330	< 420
DICHLORODIFLUOROMETHANE							
ETHYLBENZENE	< 1	< 1	< 1.5	< 3.6	< 500	< 330	< 420
ISOPROPYLBENZENE							
METHYL ACETATE							
METHYL TERT-BUTYL ETHER							
METHYLCYCLOHEXANE							
METHYLENE CHLORIDE	< 1	< 1	< 1.5	< 3.6	< 500	< 330	< 420
N-HEXANE	< 1	< 1	< 1.5	< 3.6	< 500	< 330	< 420
STYRENE	< 1	< 1	< 1.5	< 3.6	< 500	< 330	< 420
TETRACHLOROETHENE	22	29	16	77	5500	8700	8700
TOLUENE	< 1	< 1	< 1.5	5.1	< 500	< 330	< 420
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.74	< 1.8	< 250	< 170	< 210
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1.5	< 3.6	< 500	< 330	< 420
TRICHLOROETHENE	22	33	30	42	250	< 330	< 420
TRICHLOROFLUOROMETHANE							
VINYL CHLORIDE	< 2	< 2	< 2.9	< 7.1	< 500	< 670	< 830
XYLENES (TOTAL)	< 1	< 1	< 1.5	< 3.6	< 500	< 330	< 420

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35b: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	RW01-03 1999-04-23 Upper CA Ground Water µg/L	RW01-03 1999-04-27 Upper CA Ground Water µg/L	RW01-03 1999-05-04 Upper CA Ground Water µg/L	RW01-03 1999-05-11 Upper CA Ground Water µg/L	RW01-03 1999-05-20 Upper CA Ground Water µg/L	RW01-04 1999-04-20 Upper CA Ground Water µg/L	RW01-04 1999-04-21 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 280	< 250	< 200	< 250	< 250	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 280	< 250	< 200	< 250	< 250	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE							
1,1,2-TRICHLOROETHANE	< 280	< 250	< 200	< 250	< 250	< 1	< 1
1,1-DICHLOROETHANE	< 280	< 250	< 200	< 250	< 250	< 1	< 1
1,1-DICHLOROETHENE	< 280	< 250	< 200	< 250	< 250	< 1	< 1
1,2,4-TRICHLOROBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DIBROMOETHANE							
1,2-DICHLOROBENZENE							
1,2-DICHLOROETHANE	< 280	< 250	< 200	< 250	< 250	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 280	< 250	< 200	< 250	< 250	4	3.9
1,2-DICHLOROPROPANE	< 280	< 250	< 200	< 250	< 250	< 1	< 1
1,3-DICHLOROBENZENE							
1,4-DICHLOROBENZENE							
2-BUTANONE	< 2800	< 2500	< 2000	< 2500	< 2500	< 10	< 10
2-HEXANONE	< 2800	< 2500	< 2000	< 2500	< 2500	< 10	< 10
4-METHYL-2-PENTANONE	< 2800	< 2500	< 2000	< 2500	< 2500	< 10	< 10
ACETONE	< 2800	< 2500	< 2000	< 2500	< 2500	< 10	< 10
BENZENE	< 280	< 250	< 200	< 250	< 250	< 1	< 1
BROMODICHLOROMETHANE	< 280	< 250	< 200	< 250	< 250	< 1	< 1
BROMOFORM	< 280	< 250	< 200	< 250	< 250	< 1	< 1
BROMOMETHANE	< 560	< 500	< 400	< 500	< 500	< 2	< 2
CARBON DISULFIDE	< 280	< 250	< 200	< 250	< 250	< 1	< 1
CARBON TETRACHLORIDE	< 280	< 250	< 200	< 250	< 250	< 1	< 1
CHLOROBENZENE	< 280	< 250	< 200	< 250	< 250	< 1	< 1
CHLOROETHANE	< 560	< 500	< 400	< 500	< 500	< 2	< 2
CHLOROFORM	< 280	< 250	< 200	< 250	< 250	< 1	< 1
CHLOROMETHANE	< 560	< 500	< 400	< 500	< 500	< 2	< 2
CIS-1,2-DICHLOROETHENE	< 140	< 120	< 100	< 120	< 120	3.8	3.7
CIS-1,3-DICHLOROPROPENE	< 280	< 250	< 200	< 250	< 250	< 1	< 1
CYCLOHEXANE							
DIBROMOCHLOROMETHANE	< 280	< 250	< 200	< 250	< 250	< 1	< 1
DICHLORODIFLUOROMETHANE							
ETHYLBENZENE	< 280	< 250	< 200	< 250	< 250	< 1	< 1
ISOPROPYLBENZENE							
METHYL ACETATE							
METHYL TERT-BUTYL ETHER							
METHYLCYCLOHEXANE							
METHYLENE CHLORIDE	< 280	< 250	< 200	< 250	< 250	< 1	1.7
N-HEXANE	< 280	< 250	< 200	< 250	< 250	< 1	< 1
STYRENE	< 280	< 250	< 200	< 250	< 250	< 1	< 1
TETRACHLOROETHENE	9800	6200	4700	7000	5200	9	7.6
TOLUENE	< 280	< 250	< 200	< 250	< 250	2.5	< 1
TRANS-1,2-DICHLOROETHENE	< 140	< 120	< 100	< 120	< 120	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 280	< 250	< 200	< 250	< 250	< 1	< 1
TRICHLOROETHENE	< 280	< 250	< 200	< 250	< 250	28	25
TRICHLOROFLUOROMETHANE							
VINYL CHLORIDE	< 560	< 500	< 400	< 500	< 500	< 2	< 2
XYLENES (TOTAL)	< 280	< 250	< 200	< 250	< 250	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35b: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	RW01-04 1999-04-22 Upper CA Ground Water µg/L	RW01-04 1999-04-23 Upper CA Ground Water µg/L	RW01-04 1999-04-27 Upper CA Ground Water µg/L	RW01-04 1999-05-04 Upper CA Ground Water µg/L	RW01-04 1999-05-11 Upper CA Ground Water µg/L	RW01-04 1999-05-20 Upper CA Ground Water µg/L	RW01-05 1999-04-20 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1.2	< 1	< 1	< 1	< 1	< 1	< 830
1,1,2,2-TETRACHLOROETHANE	< 1.2	< 1	< 1	< 1	< 1	< 1	< 830
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE							
1,1,2-TRICHLOROETHANE	< 1.2	< 1	< 1	< 1	< 1	< 1	< 830
1,1-DICHLOROETHANE	< 1.2	< 1	< 1	< 1	< 1	< 1	< 830
1,1-DICHLOROETHENE	< 1.2	< 1	< 1	< 1	< 1	< 1	< 830
1,2,4-TRICHLOROBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DIBROMOETHANE							
1,2-DICHLOROBENZENE							
1,2-DICHLOROETHANE	< 1.2	< 1	< 1	< 1	< 1	< 1	< 830
1,2-DICHLOROETHENE (TOTAL)	4	3.7	3.4	3.1	3.3	3.6	< 830
1,2-DICHLOROPROPANE	< 1.2	< 1	< 1	< 1	< 1	< 1	< 830
1,3-DICHLOROBENZENE							
1,4-DICHLOROBENZENE							
2-BUTANONE	< 12	< 10	< 10	< 10	< 10	< 10	< 8300
2-HEXANONE	< 12	< 10	< 10	< 10	< 10	< 10	< 8300
4-METHYL-2-PENTANONE	< 12	< 10	< 10	< 10	< 10	< 10	< 8300
ACETONE	< 12	< 10	< 10	< 10	< 10	< 10	< 8300
BENZENE	< 1.2	< 1	< 1	< 1	< 1	< 1	< 830
BROMODICHLOROMETHANE	< 1.2	< 1	< 1	< 1	< 1	< 1	< 830
BROMOFORM	< 1.2	< 1	< 1	< 1	< 1	< 1	< 830
BROMOMETHANE	< 2.5	< 2	< 2	< 2	< 2	< 2	< 2000 uj
CARBON DISULFIDE	< 1.2	< 1	< 1	< 1	< 1	< 1	< 830
CARBON TETRACHLORIDE	< 1.2	< 1	< 1	< 1	< 1	< 1	< 830
CHLOROBENZENE	< 1.2	< 1	< 1	< 1	< 1	< 1	< 830
CHLOROETHANE	< 2.5	< 2	< 2	< 2	< 2	< 2	< 2000 uj
CHLOROFORM	< 1.2	< 1	< 1	< 1	< 1	< 1	< 830
CHLOROMETHANE	< 2.5	< 2	< 2	< 2	< 2	< 2	< 2000 uj
CIS-1,2-DICHLOROETHENE	3.8	3.7	3.4	3.1	3.3	3.4	< 500 uj
CIS-1,3-DICHLOROPROPENE	< 1.2	< 1	< 1	< 1	< 1	< 1	< 830
CYCLOHEXANE							
DIBROMOCHLOROMETHANE	< 1.2	< 1	< 1	< 1	< 1	< 1	< 830
DICHLORODIFLUOROMETHANE							
ETHYLBENZENE	< 1.2	< 1	< 1	< 1	< 1	< 1	< 830
ISOPROPYLBENZENE							
METHYL ACETATE							
METHYL TERT-BUTYL ETHER							
METHYLCYCLOHEXANE							
METHYLENE CHLORIDE	< 1.2	< 1	< 1	< 1	< 1	< 1	< 830
N-HEXANE	< 1.2	< 1	< 1	< 1	< 1	< 1	< 830
STYRENE	< 1.2	< 1	< 1	< 1	< 1	< 1	< 830
TETRACHLOROETHENE	1.7	2.1	1.7	1.9	2	2.1	31000 j
TOLUENE	< 1.2	< 1	< 1	< 1	< 1	< 1	< 830
TRANS-1,2-DICHLOROETHENE	< 0.62	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 500 uj
TRANS-1,3-DICHLOROPROPENE	< 1.2	< 1	< 1	< 1	< 1	< 1	< 830
TRICHLOROETHENE	26	33	29	28	28	24	< 830
TRICHLOROFLUOROMETHANE							
VINYL CHLORIDE	< 2.5	< 2	< 2	< 2	< 2	< 2	< 2000 uj
XYLENES (TOTAL)	< 1.2	< 1	< 1	< 1	< 1	< 1	< 830

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35b: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	RW01-05 1999-04-21 Upper CA Ground Water µg/L	RW01-05 1999-04-22 Upper CA Ground Water µg/L	RW01-05 1999-04-23 Upper CA Ground Water µg/L	RW01-05 1999-04-27 Upper CA Ground Water µg/L	RW01-05 1999-05-04 Upper CA Ground Water µg/L	RW01-05 1999-05-11 Upper CA Ground Water µg/L	RW01-05 1999-05-20 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1200	< 1000	< 1200	< 1200	< 1000	< 830	< 710
1,1,2,2-TETRACHLOROETHANE	< 1200	< 1000	< 1200	< 1200	< 1000	< 830	< 710
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE							
1,1,2-TRICHLOROETHANE	< 1200	< 1000	< 1200	< 1200	< 1000	< 830	< 710
1,1-DICHLOROETHANE	< 1200	< 1000	< 1200	< 1200	< 1000	< 830	< 710
1,1-DICHLOROETHENE	< 1200	< 1000	< 1200	< 1200	< 1000	< 830	< 710
1,2,4-TRICHLOROBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DIBROMOETHANE							
1,2-DICHLOROBENZENE							
1,2-DICHLOROETHANE	< 1200	< 1000	< 1200	< 1200	< 1000	< 830	< 710
1,2-DICHLOROETHENE (TOTAL)	< 1200	< 1000	< 1200	< 1200	< 1000	< 830	< 710
1,2-DICHLOROPROPANE	< 1200	< 1000	< 1200	< 1200	< 1000	< 830	< 710
1,3-DICHLOROBENZENE							
1,4-DICHLOROBENZENE							
2-BUTANONE	< 12000	< 10000	< 12000	< 12000	< 10000	< 8300	< 7100
2-HEXANONE	< 12000	< 10000	< 12000	< 12000	< 10000	< 8300	< 7100
4-METHYL-2-PENTANONE	< 12000	< 10000	< 12000	< 12000	< 10000	< 8300	< 7100
ACETONE	< 12000	< 10000	< 12000	< 12000	< 10000	< 8300	< 7100
BENZENE	< 1200	< 1000	< 1200	< 1200	< 1000	< 830	< 710
BROMODICHLOROMETHANE	< 1200	< 1000	< 1200	< 1200	< 1000	< 830	< 710
BROMOFORM	< 1200	< 1000	< 1200	< 1200	< 1000	< 830	< 710
BROMOMETHANE	< 2500	< 2000	< 2500	< 2500	< 2000	< 1700	< 1400
CARBON DISULFIDE	< 1200	< 1000	< 1200	< 1200	< 1000	< 830	< 710
CARBON TETRACHLORIDE	< 1200	< 1000	< 1200	< 1200	< 1000	< 830	< 710
CHLOROBENZENE	< 1200	< 1000	< 1200	< 1200	< 1000	< 830	< 710
CHLOROETHANE	< 2500	< 2000	< 2500	< 2500	< 2000	< 1700	< 1400
CHLOROFORM	< 1200	< 1000	< 1200	< 1200	< 1000	< 830	< 710
CHLOROMETHANE	< 2500	< 2000	< 2500	< 2500	< 2000	< 1700	< 1400
CIS-1,2-DICHLOROETHENE	< 620	< 500	< 620	< 620	< 500	< 420	< 360
CIS-1,3-DICHLOROPROPENE	< 1200	< 1000	< 1200	< 1200	< 1000	< 830	< 710
CYCLOHEXANE							
DIBROMOCHLOROMETHANE	< 1200	< 1000	< 1200	< 1200	< 1000	< 830	< 710
DICHLORODIFLUOROMETHANE							
ETHYLBENZENE	< 1200	< 1000	< 1200	< 1200	< 1000	< 830	< 710
ISOPROPYLBENZENE							
METHYL ACETATE							
METHYL TERT-BUTYL ETHER							
METHYLCYCLOHEXANE							
METHYLENE CHLORIDE	< 1200	< 1000	< 1200	< 1200	< 1000	< 830	< 710
N-HEXANE	< 1200	< 1000	< 1200	< 1200	< 1000	< 830	< 710
STYRENE	< 1200	< 1000	< 1200	< 1200	< 1000	< 830	< 710
TETRACHLOROETHENE	26000	30000	43000	44000	24000	34000	28000
TOLUENE	< 1200	< 1000	< 1200	< 1200	< 1000	< 830	< 710
TRANS-1,2-DICHLOROETHENE	< 620	< 500	< 620	< 620	< 500	< 420	< 360
TRANS-1,3-DICHLOROPROPENE	< 1200	< 1000	< 1200	< 1200	< 1000	< 830	< 710
TRICHLOROETHENE	< 1200	< 1000	< 1200	< 1200	< 1000	< 830	< 710
TRICHLOROFLUOROMETHANE							
VINYL CHLORIDE	< 2500	< 2000	< 2500	< 2500	< 2000	< 1700	< 1400
XYLENES (TOTAL)	< 1200	< 1000	< 1200	< 1200	< 1000	< 830	< 710

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35b: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	RW01-05 2001-06-08 Upper CA Ground Water µg/L	RW01-05 2003-02-18 Upper CA Ground Water µg/L	RW01-05 2003-05-08 Upper CA Ground Water µg/L	RW01-05 2003-09-15 Upper CA Ground Water µg/L	RW01-05 2003-11-07 Upper CA Ground Water µg/L	RW01-05 2004-02-20 Upper CA Ground Water µg/L	RW01-05 2004-04-16 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 330	< 500	< 330	< 250	< 250	< 200	< 250
1,1,2,2-TETRACHLOROETHANE	< 330	< 500	< 330	< 250	< 250	< 200	< 250
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 330	< 500	< 330	< 250	< 250	< 200	< 250
1,1,2-TRICHLOROETHANE	< 330	< 500	< 330	< 250	< 250	< 200	< 250
1,1-DICHLOROETHANE	< 330	< 500	< 330	< 250	< 250	< 200	< 250
1,1-DICHLOROETHENE	< 330	< 500	< 330	< 250	< 250	< 200	< 250
1,2,4-TRICHLOROBENZENE		< 500	< 330	< 250	< 250	< 200	< 250
1,2-DIBROMO-3-CHLOROPROPANE		< 1000	< 670	< 500	< 500	< 400	< 500
1,2-DIBROMOETHANE		< 500	< 330	< 250	< 250	< 200	< 250
1,2-DICHLOROBENZENE		< 500	< 330	< 250	< 250	< 200	< 250
1,2-DICHLOROETHANE	< 330	< 500	< 330	< 250	< 250	< 200	< 250
1,2-DICHLOROETHENE (TOTAL)	< 330						
1,2-DICHLOROPROPANE	< 330	< 500	< 330	< 250	< 250	< 200	< 250
1,3-DICHLOROBENZENE		< 500	< 330	< 250	< 250	< 200	< 250
1,4-DICHLOROBENZENE		< 500	< 330	< 250	< 250	< 200	< 250
2-BUTANONE	< 3300	< 5000	< 3300	< 2500	< 2500	< 2000	< 2500
2-HEXANONE	< 3300	< 5000	< 3300	< 2500	< 2500	< 2000	< 2500
4-METHYL-2-PENTANONE	< 1700	< 5000	< 3300	< 2500	< 2500	< 2000	< 2500
ACETONE	< 3300	< 5000	< 3300	< 2500	< 2500	190 J B u	< 2500
BENZENE	< 330	< 500	< 330	< 250	< 250	< 200	< 250
BROMODICHLOROMETHANE	< 330	< 500	< 330	< 250	< 250	< 200	< 250
BROMOFORM	< 330	< 500	< 330	< 250	< 250	< 200	< 250
BROMOMETHANE	< 670	< 500	< 330	< 250	< 250	< 200	< 250
CARBON DISULFIDE	< 330	< 500	< 330	< 250	< 250	< 200	< 250
CARBON TETRACHLORIDE	< 330	< 500	< 330	< 250	< 250	< 200	< 250
CHLOROBENZENE	< 330	< 500	< 330	< 250	< 250	< 200	< 250
CHLOROETHANE	< 670	< 500	< 330	< 250	< 250	< 200	< 250
CHLOROFORM	< 330	< 500	< 330	< 250	< 250	< 200	< 250
CHLOROMETHANE	< 670	< 500	< 330	< 250	< 250	< 200	< 250
CIS-1,2-DICHLOROETHENE	< 170	< 250	< 170	< 120	< 120	< 100	< 120
CIS-1,3-DICHLOROPROPENE	< 330	< 500	< 330	< 250	< 250	< 200	< 250
CYCLOHEXANE		< 500	< 330	< 250	< 250	< 200	< 250
DIBROMOCHLOROMETHANE	< 330	< 500	< 330	< 250	< 250	< 200	< 250
DICHLORODIFLUOROMETHANE		< 500	< 330	< 250	< 250	< 200	< 250
ETHYLBENZENE	< 330	< 500	< 330	< 250	< 250	< 200	< 250
ISOPROPYLBENZENE		< 500	< 330	< 250	< 250	< 200	< 250
METHYL ACETATE		< 5000	< 3300	< 2500	< 2500	< 2000	< 2500
METHYL TERT-BUTYL ETHER		< 2500	< 1700	< 1200	< 1200	< 1000	< 1200
METHYLCYCLOHEXANE		< 500	< 330	< 250	< 250	< 200	< 250
METHYLENE CHLORIDE	< 330	240 J B	140 J B	< 250	< 250	270 B u	< 250
N-HEXANE	< 330						
STYRENE	< 330	< 500	< 330	< 250	< 250	< 200	< 250
TETRACHLOROETHENE	8900	9700	8500	6000	8900	7900	6100
TOLUENE	< 330	< 500	< 330	< 250	< 250	< 200	< 250
TRANS-1,2-DICHLOROETHENE	< 170	< 250	< 170	< 120	< 120	< 100	< 120
TRANS-1,3-DICHLOROPROPENE	< 330	< 500	< 330	< 250	< 250	< 200	< 250
TRICHLOROETHENE	< 330	410 J	300 J	170 J	250	280	170 J
TRICHLOROFLUOROMETHANE		< 500	< 330	< 250	< 250	< 200	< 250
VINYL CHLORIDE	< 670	< 500	< 330	< 250	< 250	< 200	< 250
XYLENES (TOTAL)	< 330	< 500	< 330	< 250	< 250	< 200	< 250

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
bgs = below ground surface
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35c: Cedarville Aquifer VOC Analytical Data From Monitoring Wells

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW02-01 1999-03-25 Upper CA Ground Water µg/L	MW02-01 1999-05-13 Upper CA Ground Water µg/L	MW02-01 1999-12-01 Upper CA Ground Water µg/L	MW02-01 2000-06-06 Upper CA Ground Water µg/L	MW02-01 2000-11-01 Upper CA Ground Water µg/L	MW02-01 2001-06-08 Upper CA Ground Water µg/L	MW02-01 2001-11-20 Upper CA Ground Water µg/L	MW02-01 2003-02-19 Upper CA Ground Water µg/L	MW02-01 2003-09-10 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.2 J
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE					< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE								< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE								< 2	< 2
1,2-DIBROMOETHANE								< 1	< 1
1,2-DICHLOROBENZENE								< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE								< 1	< 1
1,4-DICHLOROBENZENE								< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 5	< 5	< 5	< 10	< 10
ACETONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE								< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE								< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE								< 1	< 1
METHYL ACETATE								< 10	< 10
METHYL TERT-BUTYL ETHER								< 5	< 5
METHYLCYCLOHEXANE								< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE								< 1	< 1
VINYL CHLORIDE	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35c: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW02-01 2003-11-03 Upper CA Ground Water µg/L	MW02-01 2004-02-19 Upper CA Ground Water µg/L	MW02-01 2004-04-12 Upper CA Ground Water µg/L	MW02-02 DUP 1999-11-30 Upper CA Ground Water µg/L	MW02-02 1999-03-25 Upper CA Ground Water µg/L	MW02-02 1999-05-13 Upper CA Ground Water µg/L	MW02-02 1999-11-30 Upper CA Ground Water µg/L	MW02-02 2000-06-06 Upper CA Ground Water µg/L	MW02-02 2000-11-01 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	0.2 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1						< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1						
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2						
1,2-DIBROMOETHANE	< 1	< 1	< 1						
1,2-DICHLOROBENZENE	< 1	< 1	< 1						
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)				7.3	9.2	8.3	7.3	2.7	3.6
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1						
1,4-DICHLOROBENZENE	< 1	< 1	< 1						
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5
ACETONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	0.58 J	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2	< 2
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2	< 2
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	1.3	< 2	< 2	< 2	< 2	< 2	< 2
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	7.1	9.1	8.2	7.1	2.7	3.6
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1						
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1						
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1						
METHYL ACETATE	< 10	< 10	< 10						
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5						
METHYLCYCLOHEXANE	< 1	< 1	< 1						
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE				< 1	< 1	< 1	< 1	< 1	< 1
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	3	3.5	2.8	3.1	3.4	3.2
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	6.7	6.4	5.7	6.9	4	4.3
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1						
VINYL CHLORIDE	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2	< 2
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35c: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW02-02 2001-06-08 Upper CA Ground Water µg/L	MW02-02 2001-11-20 Upper CA Ground Water µg/L	MW02-02 2003-02-19 Upper CA Ground Water µg/L	MW02-02 2003-05-07 Upper CA Ground Water µg/L	MW02-02 2003-09-10 Upper CA Ground Water µg/L	MW02-02 2003-11-03 Upper CA Ground Water µg/L	MW02-02 2004-02-23 Upper CA Ground Water µg/L	MW02-02 2004-04-14 Upper CA Ground Water µg/L	MW02-03 1999-03-25 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	0.59 J	2	1.4	2.6	0.63 J	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE			< 1	< 1	< 1	< 1	< 1	< 1	
1,2-DIBROMO-3-CHLOROPROPANE			< 2	< 2	< 2	< 2	< 2	< 2	
1,2-DIBROMOETHANE			< 1	< 1	< 1	< 1	< 1	< 1	
1,2-DICHLOROBENZENE			< 1	< 1	< 1	< 1	< 1	< 1	
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1	< 1							2.2
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE			< 1	< 1	< 1	< 1	< 1	< 1	
1,4-DICHLOROBENZENE			< 1	< 1	< 1	< 1	< 1	< 1	
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 5	< 5	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 2
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 2
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 2
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.2
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE			< 1	< 1	< 1	< 1	< 1	< 1	
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE			< 1	< 1	< 1	< 1	< 1	< 1	
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE			< 1	< 1	< 1	< 1	< 1	< 1	
METHYL ACETATE			< 10	< 10	< 10	< 10	< 10	< 10	
METHYL TERT-BUTYL ETHER			< 5	< 5	< 5	< 5	< 5	< 5	
METHYLCYCLOHEXANE			< 1	< 1	< 1	< 1	< 1	< 1	
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE	< 1	< 1							< 1
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	1	< 1	1.1	< 1	0.25 J	0.18 J	0.26 J	< 1	4.2
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	1.3	< 1	< 1	< 1	< 1	< 1	2.1
TRICHLOROFLUOROMETHANE			< 1	< 1	< 1	< 1	< 1	< 1	
VINYL CHLORIDE	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 2
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35c: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW02-03 1999-05-13 Upper CA Ground Water µg/L	MW02-03 1999-12-01 Upper CA Ground Water µg/L	MW02-03 2000-06-07 Upper CA Ground Water µg/L	MW02-03 2000-11-01 Upper CA Ground Water µg/L	MW02-03 2001-06-08 Upper CA Ground Water µg/L	MW02-03 2001-11-20 Upper CA Ground Water µg/L	MW02-03 2003-02-19 Upper CA Ground Water µg/L	MW02-03 2003-05-08 Upper CA Ground Water µg/L	MW02-03 2003-09-10 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.19 J
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE				14	23	23	30	16	7.3
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE							< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE							< 2	< 2	< 2
1,2-DIBROMOETHANE							< 1	< 1	< 1
1,2-DICHLOROBENZENE							< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	1.4	2.1	3.3	< 1	1	< 1			
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE							< 1	< 1	< 1
1,4-DICHLOROBENZENE							< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 5	< 5	< 5	< 10	< 10	< 10
ACETONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1.1 J r
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	1.4	2.1	3.2	0.86	1	< 0.5	0.62	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE							< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE							< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE							< 1	< 1	< 1
METHYL ACETATE							< 10	< 10	< 10
METHYL TERT-BUTYL ETHER							< 5	< 5	< 5
METHYLCYCLOHEXANE							< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.77 J B	< 1
N-HEXANE	< 1	< 1	< 1	< 1	< 1	< 1			
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	4.5	6.9	19	6.3	7.3	5.3	11	6.7	4.8
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.22 J
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	1.6	2.7	4.5	< 1	1.5	1.1	2.3	1.4	0.75 J
TRICHLOROFLUOROMETHANE							< 1	< 1	< 1
VINYL CHLORIDE	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35c: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW02-03 2003-11-03 Upper CA Ground Water µg/L	MW02-03 2004-02-20 Upper CA Ground Water µg/L	MW02-03 2004-04-15 Upper CA Ground Water µg/L	MW02-03CD DUP 2004-02-23 Middle CA Ground Water µg/L	MW02-03CD 2004-02-06 Middle CA Ground Water µg/L	MW02-03CD 2004-02-23 Middle CA Ground Water µg/L	MW02-03CD 2004-04-15 Middle CA Ground Water µg/L	MW02-03SE DUP 2004-04-15 Lower CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	0.21 J	< 1	< 1	< 1	< 4	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	13	1.7	1.3	39	46	39	3.1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	0.49 J	< 4	0.48 J	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	0.28 J B u	< 4	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 8	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)								
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 40	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 40	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	12 J B u	< 10	< 10	< 10
ACETONE	< 10	< 10	< 10	0.78 J B u	4 J B u	1.3 J B u	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	0.32 J	< 4	0.31 J	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	0.28 J	< 4	< 1	0.62 J	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	0.43 J	< 4	0.46 J	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	2.4	3.7	2.3	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	0.89 J	< 4	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	0.35 J	< 4	0.31 J	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 40	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	1.2	< 4	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	1.4 J	< 1	< 1	< 1
N-HEXANE								
STYRENE	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1
TETRACHLOROETHENE	6.6	4.6	1	12	19	12	1.2	< 1
TOLUENE	< 1	< 1	< 1	0.27 J	< 4	0.26 J	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1
TRICHLOROETHENE	1	0.6 J B u	< 1	4.9	7.8	5	0.48 J	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35c: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW02-03SE 2003-09-10 Lower CA Ground Water µg/L	MW02-03SE 2003-11-03 Lower CA Ground Water µg/L	MW02-03SE 2004-02-20 Lower CA Ground Water µg/L	MW02-03SE 2004-04-15 Lower CA Ground Water µg/L	MW02-04 1999-03-25 Upper CA Ground Water µg/L	MW02-04 1999-05-13 Upper CA Ground Water µg/L	MW02-04 1999-12-01 Upper CA Ground Water µg/L	MW02-04 2000-06-07 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1 uj	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1 uj	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1				
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1 uj	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1 uj	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1 uj	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1				
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2				
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1				
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1				
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1 uj	< 1
1,2-DICHLOROETHENE (TOTAL)					< 1	< 1	< 1 uj	< 1
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1 uj	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1				
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1				
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10 uj	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10 uj	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10 uj	< 10
ACETONE	0.73 J r	< 10	< 10	< 10	< 10	< 10	< 10 uj	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1 uj	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1 uj	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1 uj	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 2	< 2	< 2 uj	< 2
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1 uj	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1 uj	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1 uj	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 2	< 2	< 2 uj	< 2
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1 uj	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 2	< 2	< 2 uj	< 2
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5 uj	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1 uj	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1				
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1 uj	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1				
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1 uj	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1				
METHYL ACETATE	< 10	< 10	< 10	< 10				
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5				
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1				
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1 uj	< 1
N-HEXANE					< 1	< 1	< 1 uj	< 1
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1 uj	< 1
TETRACHLOROETHENE	< 1	< 1	2.7	< 1	< 1	< 1	< 1 uj	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1 uj	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5 uj	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1 uj	< 1
TRICHLOROETHENE	< 1	< 1	0.22 J B u	< 1	< 1	< 1	< 1 uj	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1				
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 2	< 2	< 2 uj	< 2
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1 uj	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35c: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW02-04 2000-11-01 Upper CA Ground Water µg/L	MW02-04 2001-06-07 Upper CA Ground Water µg/L	MW02-04 2001-11-20 Upper CA Ground Water µg/L	MW02-04 2003-02-19 Upper CA Ground Water µg/L	MW02-04 2003-09-11 Upper CA Ground Water µg/L	MW02-04 2003-11-04 Upper CA Ground Water µg/L	MW02-04 2004-02-23 Upper CA Ground Water µg/L	MW02-04 2004-04-14 Upper CA Ground Water µg/L	MW02-04CD 2004-02-25 Middle CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.86 J
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE				< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE				< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE				< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE				< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1	< 1	< 1						
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE				< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE				< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 5	< 5	< 5	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0.84 J
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.33 J
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.25 J
CHLOROMETHANE	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE				< 1	< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.35 J
DICHLORODIFLUOROMETHANE				< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE				< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE				< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER				< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE				< 1	< 1	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE	< 1	< 1	< 1						
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	0.43 J	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.64 J
TRICHLOROFLUOROMETHANE				< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35c: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW02-04CD 2004-04-13 Middle CA Ground Water µg/L	MW02-05 1999-03-25 Upper CA Ground Water µg/L	MW02-05 1999-05-13 Upper CA Ground Water µg/L	MW02-05 1999-12-01 Upper CA Ground Water µg/L	MW02-05 2000-06-07 Upper CA Ground Water µg/L	MW02-05 2000-11-01 Upper CA Ground Water µg/L	MW02-05 2001-06-07 Upper CA Ground Water µg/L	MW02-05 2001-11-20 Upper CA Ground Water µg/L	MW02-05 2003-02-19 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1					< 1	< 1	< 1	1.2
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1								< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2								< 2
1,2-DIBROMOETHANE	< 1								< 1
1,2-DICHLOROBENZENE	< 1								< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)		< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1								< 1
1,4-DICHLOROBENZENE	< 1								< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 5	< 5	< 5	< 10
ACETONE	0.79 J B	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1								< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1								< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1								< 1
METHYL ACETATE	< 10								< 10
METHYL TERT-BUTYL ETHER	< 5								< 5
METHYLCYCLOHEXANE	< 1								< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE		< 1	< 1	< 1	< 1	< 1	< 1	< 1	
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1								< 1
VINYL CHLORIDE	< 1	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35c: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW02-05 2003-09-11 Upper CA Ground Water µg/L	MW02-05 2003-11-04 Upper CA Ground Water µg/L	MW02-05 2004-02-24 Upper CA Ground Water µg/L	MW02-05 2004-04-14 Upper CA Ground Water µg/L	MW02-05CD 2004-02-24 Middle CA Ground Water µg/L	MW02-05CD 2004-04-14 Middle CA Ground Water µg/L	MW02-06 DUP 1999-05-13 Upper CA Ground Water µg/L	MW02-06 DUP 2000-06-07 Upper CA Ground Water µg/L	MW02-06 1999-03-25 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1	0.67 J	0.38 J	< 1	1.7	< 1			
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1.3	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1			
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2			
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1			
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1			
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)							2.2	3.2	2
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1			
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1			
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	< 10	< 10	0.74 J	< 10	< 10	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	0.64	0.46 J	2.2	3.1	2
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1			
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1			
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1			
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10			
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5			
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1			
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE							< 1	< 1	< 1
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	0.36 J	0.23 J	< 1	< 1	0.98 J	< 1	7.5	12	6.2
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	1	< 1	6.5	7.7	5.8
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1			
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35c: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW02-06 1999-05-13 Upper CA Ground Water µg/L	MW02-06 1999-11-30 Upper CA Ground Water µg/L	MW02-06 2000-06-07 Upper CA Ground Water µg/L	MW02-06 2000-11-01 Upper CA Ground Water µg/L	MW02-06 2001-06-07 Upper CA Ground Water µg/L	MW02-06 2001-11-20 Upper CA Ground Water µg/L	MW02-06 2003-02-19 Upper CA Ground Water µg/L	MW02-06 2003-09-11 Upper CA Ground Water µg/L	MW02-06 2003-11-04 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 2	< 2.5	< 2	< 2	< 2.5
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 2	< 2.5	< 2	< 2	< 2.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE				40	50	67	44	62	55
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 2	< 2.5	< 2	< 2	< 2.5
1,1-DICHLOROETHANE	< 1	1.2	1.4	1.4	< 2	< 2.5	0.99 J	0.83 J	0.65 J
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 2	< 2.5	< 2	< 2	< 2.5
1,2,4-TRICHLOROBENZENE							< 2	< 2	< 2.5
1,2-DIBROMO-3-CHLOROPROPANE							< 4	< 4	< 5
1,2-DIBROMOETHANE							< 2	< 2	< 2.5
1,2-DICHLOROBENZENE							< 2	< 2	< 2.5
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 2	< 2.5	< 2	< 2	< 2.5
1,2-DICHLOROETHENE (TOTAL)	2.2	3.2	2.8	3.8	3.4	3.8			
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 2	< 2.5	< 2	< 2	< 2.5
1,3-DICHLOROBENZENE							< 2	< 2	< 2.5
1,4-DICHLOROBENZENE							< 2	< 2	< 2.5
2-BUTANONE	< 10	< 10	< 10	< 10	< 20	< 25	< 20	< 20	< 25
2-HEXANONE	< 10	< 10	< 10	< 10	< 20	< 25	< 20	< 20	< 25
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 5	< 10	< 12	< 20	< 20	< 25
ACETONE	< 10	< 10	< 10	< 10	< 20	< 25	< 20	< 20	< 25
BENZENE	< 1	< 1	< 1	< 1	< 2	< 2.5	< 2	< 2	< 2.5
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 2	< 2.5	< 2	< 2	< 2.5
BROMOFORM	< 1	< 1	< 1	< 1	< 2	< 2.5	< 2	< 2	< 2.5
BROMOMETHANE	< 2	< 2	< 2	< 2	< 4	< 5	< 2	< 2	< 2.5
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 2	< 2.5	< 2	< 2	< 2.5
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 2	< 2.5	< 2	< 2	< 2.5
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 2	< 2.5	< 2	< 2	< 2.5
CHLOROETHANE	< 2	< 2	< 2	< 2	< 4	< 5	< 2	< 2	< 2.5
CHLOROFORM	< 1	< 1	< 1	< 1	< 2	< 2.5	< 2	< 2	< 2.5
CHLOROMETHANE	< 2	< 2	< 2	< 2	< 4	< 5	< 2	< 2	< 2.5
CIS-1,2-DICHLOROETHENE	2.2	3.1	2.8	3.8	3.4	3.8	3.1	2.7	2.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 2	< 2.5	< 2	< 2	< 2.5
CYCLOHEXANE							< 2	< 2	< 2.5
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 2	< 2.5	< 2	< 2	< 2.5
DICHLORODIFLUOROMETHANE							< 2	< 2	< 2.5
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 2	< 2.5	< 2	< 2	< 2.5
ISOPROPYLBENZENE							< 2	< 2	< 2.5
METHYL ACETATE							< 20	< 20	< 25
METHYL TERT-BUTYL ETHER							< 10	< 10	< 12
METHYLCYCLOHEXANE							< 2	< 2	< 2.5
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 2	< 2.5	< 2	< 2	0.78 J
N-HEXANE	< 1	< 1	< 1	< 1	< 2	< 2.5			
STYRENE	< 1	< 1	< 1	< 1	< 2	< 2.5	< 2	< 2	< 2.5
TETRACHLOROETHENE	6.7	13	12	16	14	18	18	21	20
TOLUENE	< 1	< 1	< 1	< 1	< 2	< 2.5	< 2	< 2	< 2.5
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 1.2	< 1	< 1	< 1.2
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 2	< 2.5	< 2	< 2	< 2.5
TRICHLOROETHENE	6.2	10	8.5	9.3	7.8	8.6	7.7	7.7	7.2
TRICHLOROFLUOROMETHANE							< 2	< 2	< 2.5
VINYL CHLORIDE	< 2	< 2	< 2	< 2	< 4	< 5	< 2	< 2	< 2.5
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 2	< 2.5	< 2	< 2	< 2.5

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35c: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW02-06 2004-02-23 Upper CA Ground Water µg/L	MW02-06 2004-04-15 Upper CA Ground Water µg/L	MW02-06CD 2004-01-28 Middle CA Ground Water µg/L	MW02-06CD 2004-02-23 Middle CA Ground Water µg/L	MW02-06CD 2004-04-15 Middle CA Ground Water µg/L	MW02-07 1999-03-25 Upper CA Ground Water µg/L	MW02-07 1999-05-13 Upper CA Ground Water µg/L	MW02-07 1999-12-01 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1.7	< 2	< 1	< 1	< 1	< 1	< 1	< 1 uj
1,1,2,2-TETRACHLOROETHANE	< 1.7	< 2	< 1	< 1	< 1	< 1	< 1	< 1 uj
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	56	61	0.59 J	< 1	< 1			
1,1,2-TRICHLOROETHANE	< 1.7	< 2	< 1	< 1	< 1	< 1	< 1	< 1 uj
1,1-DICHLOROETHANE	0.64 J	0.66 J	< 1	< 1	< 1	< 1	< 1	< 1 uj
1,1-DICHLOROETHENE	< 1.7	< 2	< 1	< 1	< 1	< 1	< 1	< 1 uj
1,2,4-TRICHLOROBENZENE	< 1.7	< 2	< 1	< 1	< 1			
1,2-DIBROMO-3-CHLOROPROPANE	< 3.3	< 4	< 2	< 2	< 2			
1,2-DIBROMOETHANE	< 1.7	< 2	< 1	< 1	< 1			
1,2-DICHLOROBENZENE	< 1.7	< 2	< 1	< 1	< 1			
1,2-DICHLOROETHANE	< 1.7	< 2	< 1	< 1	< 1	< 1	< 1	< 1 uj
1,2-DICHLOROETHENE (TOTAL)						< 1	< 1	< 1 uj
1,2-DICHLOROPROPANE	< 1.7	< 2	< 1	< 1	< 1	< 1	< 1	< 1 uj
1,3-DICHLOROBENZENE	< 1.7	< 2	< 1	< 1	< 1			
1,4-DICHLOROBENZENE	< 1.7	< 2	< 1	< 1	< 1			
2-BUTANONE	< 17	< 20	0.5 J	< 10	< 10	< 10	< 10	< 10 uj
2-HEXANONE	< 17	< 20	< 10	< 10	< 10	< 10	< 10	< 10 uj
4-METHYL-2-PENTANONE	< 17	< 20	< 10	< 10	< 10	< 10	< 10	< 10 uj
ACETONE	1.9 J B u	1.5 J	1 J	< 10	< 10	< 10	< 10	< 10 uj
BENZENE	< 1.7	< 2	0.34 J	< 1	< 1	< 1	< 1	< 1 uj
BROMODICHLOROMETHANE	< 1.7	< 2	0.73 J	< 1	< 1	< 1	< 1	< 1 uj
BROMOFORM	< 1.7	< 2	< 1	< 1	< 1	< 1	< 1	< 1 uj
BROMOMETHANE	< 1.7	< 2	< 1	< 1	< 1	< 2	< 2	< 2 uj
CARBON DISULFIDE	< 1.7	< 2	< 1	< 1	< 1	< 1	< 1	< 1 uj
CARBON TETRACHLORIDE	< 1.7	< 2	< 1	< 1	< 1	< 1	< 1	< 1 uj
CHLOROBENZENE	< 1.7	< 2	< 1	< 1	< 1	< 1	< 1	< 1 uj
CHLOROETHANE	< 1.7	< 2	< 1	< 1	< 1	< 2	< 2	< 2 uj
CHLOROFORM	< 1.7	< 2	0.6 J	< 1	< 1	< 1	< 1	< 1 uj
CHLOROMETHANE	< 1.7	< 2	< 1	< 1	< 1	< 2	< 2	< 2 uj
CIS-1,2-DICHLOROETHENE	2.1	2.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5 uj
CIS-1,3-DICHLOROPROPENE	< 1.7	< 2	< 1	< 1	< 1	< 1	< 1	< 1 uj
CYCLOHEXANE	< 1.7	< 2	< 1	< 1	< 1			
DIBROMOCHLOROMETHANE	< 1.7	< 2	0.81 J	< 1	< 1	< 1	< 1	< 1 uj
DICHLORODIFLUOROMETHANE	< 1.7	< 2	< 1	< 1	< 1			
ETHYLBENZENE	< 1.7	< 2	< 1	< 1	< 1	< 1	< 1	< 1 uj
ISOPROPYLBENZENE	< 1.7	< 2	< 1	< 1	< 1			
METHYL ACETATE	< 17	< 20	< 10	< 10	< 10			
METHYL TERT-BUTYL ETHER	< 8.4	< 10	< 5	< 5	< 5			
METHYLCYCLOHEXANE	< 1.7	< 2	< 1	< 1	< 1			
METHYLENE CHLORIDE	< 1.7	< 2	< 1	< 1	< 1	< 1	< 1	< 1 uj
N-HEXANE						< 1	< 1	< 1 uj
STYRENE	< 1.7	< 2	< 1	< 1	< 1	< 1	< 1	< 1 uj
TETRACHLOROETHENE	20	21	0.29 J	< 1	< 1	< 1	< 1	< 1 uj
TOLUENE	< 1.7	< 2	0.69 J	< 1	< 1	< 1	< 1	< 1 uj
TRANS-1,2-DICHLOROETHENE	< 0.84	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5 uj
TRANS-1,3-DICHLOROPROPENE	< 1.7	< 2	< 1	< 1	< 1	< 1	< 1	< 1 uj
TRICHLOROETHENE	6.2	6.4	< 1	< 1	< 1	< 1	< 1	< 1 uj
TRICHLOROFLUOROMETHANE	< 1.7	< 2	< 1	< 1	< 1			
VINYL CHLORIDE	< 1.7	< 2	< 1	< 1	< 1	< 2	< 2	< 2 uj
XYLENES (TOTAL)	< 1.7	< 2	< 1	< 1	< 1	< 1	< 1	< 1 uj

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35c: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW02-07 2000-06-07 Upper CA Ground Water µg/L	MW02-07 2000-11-01 Upper CA Ground Water µg/L	MW02-07 2001-06-07 Upper CA Ground Water µg/L	MW02-07 2001-11-20 Upper CA Ground Water µg/L	MW02-07 2003-02-19 Upper CA Ground Water µg/L	MW02-07 2003-09-11 Upper CA Ground Water µg/L	MW02-07 2003-11-04 Upper CA Ground Water µg/L	MW02-07 2004-02-20 Upper CA Ground Water µg/L	MW02-07 2004-04-14 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE		< 1	< 1	< 1	1.3	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE					< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE					< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE					< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE					< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)	< 1	< 1	< 1	< 1					
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE					< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE					< 1	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 5	< 5	< 5	< 10	< 10	< 10	< 10	< 10
ACETONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE					< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE					< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE					< 1	< 1	< 1	< 1	< 1
METHYL ACETATE					< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER					< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE					< 1	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE	< 1	< 1	< 1	< 1					
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.57 J	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	0.54 J	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE					< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35c: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW02-08 DUP 2003-11-04 Upper CA Ground Water µg/L	MW02-08 DUP 2004-04-15 Upper CA Ground Water µg/L	MW02-08 2003-09-12 Upper CA Ground Water µg/L	MW02-08 2003-11-04 Upper CA Ground Water µg/L	MW02-08 2004-02-24 Upper CA Ground Water µg/L	MW02-08 2004-04-15 Upper CA Ground Water µg/L	MW02-08CD 2003-09-12 Middle CA Ground Water µg/L	MW02-08CD 2003-11-04 Middle CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 2	< 2	< 1.7	< 1	< 1	0.96 J	< 6.7
1,1,2,2-TETRACHLOROETHANE	< 1	< 2	< 2	< 1.7	< 1	< 1	< 4	< 6.7
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	40	36	61	41	34	38	110	140
1,1,2-TRICHLOROETHANE	< 1	< 2	< 2	< 1.7	< 1	< 1	< 4	< 6.7
1,1-DICHLOROETHANE	0.34 J	< 2	0.8 J	0.46 J	0.33 J	< 1	3.2 J	3.1 J
1,1-DICHLOROETHENE	< 1	< 2	< 2	< 1.7	< 1	< 1	< 4	< 6.7
1,2,4-TRICHLOROBENZENE	< 1	< 2	< 2	< 1.7	< 1	< 1	< 4	< 6.7
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 4	< 4	< 3.3	< 2	< 2	< 8	< 13
1,2-DIBROMOETHANE	< 1	< 2	< 2	< 1.7	< 1	< 1	< 4	< 6.7
1,2-DICHLOROBENZENE	< 1	< 2	< 2	< 1.7	< 1	< 1	< 4	< 6.7
1,2-DICHLOROETHANE	< 1	< 2	< 2	< 1.7	< 1	< 1	< 4	< 6.7
1,2-DICHLOROETHENE (TOTAL)								
1,2-DICHLOROPROPANE	< 1	< 2	< 2	< 1.7	< 1	< 1	0.95 J	< 6.7
1,3-DICHLOROBENZENE	< 1	< 2	< 2	< 1.7	< 1	< 1	< 4	< 6.7
1,4-DICHLOROBENZENE	< 1	< 2	< 2	< 1.7	< 1	< 1	< 4	< 6.7
2-BUTANONE	< 10	< 20	< 20	< 17	< 10	< 10	< 40	< 67
2-HEXANONE	< 10	< 20	< 20	< 17	< 10	< 10	< 40	< 67
4-METHYL-2-PENTANONE	< 10	< 20	< 20	< 17	< 10	< 10	< 40	< 67
ACETONE	< 10	1.7 J B	4.3 J r	< 17	< 10	0.94 J	12 J r	< 67
BENZENE	< 1	0.63 J B	< 2	< 1.7	< 1	< 1	< 4	< 6.7
BROMODICHLOROMETHANE	< 1	< 2	< 2	< 1.7	< 1	< 1	< 4	< 6.7
BROMOFORM	< 1	< 2	< 2	< 1.7	< 1	< 1	< 4	< 6.7
BROMOMETHANE	< 1	< 2	< 2	< 1.7	< 1	< 1	< 4	< 6.7
CARBON DISULFIDE	< 1	< 2	< 2	< 1.7	< 1	< 1	< 4	< 6.7
CARBON TETRACHLORIDE	< 1	< 2	< 2	< 1.7	< 1	< 1	< 4	< 6.7
CHLOROBENZENE	< 1	< 2	< 2	< 1.7	< 1	< 1	< 4	< 6.7
CHLOROETHANE	< 1	< 2	< 2	< 1.7	< 1	< 1	< 4	< 6.7
CHLOROFORM	< 1	< 2	< 2	< 1.7	< 1	< 1	< 4	< 6.7
CHLOROMETHANE	< 1	< 2	< 2	< 1.7	< 1	< 1	< 4	< 6.7
CIS-1,2-DICHLOROETHENE	1.4	1.4	3.4	1.7	1.4	1.2	7.1	7.9
CIS-1,3-DICHLOROPROPENE	< 1	< 2	< 2	< 1.7	< 1	< 1	< 4	< 6.7
CYCLOHEXANE	< 1	< 2	< 2	< 1.7	0.93 J	< 1	< 4	< 6.7
DIBROMOCHLOROMETHANE	< 1	< 2	< 2	< 1.7	< 1	< 1	< 4	< 6.7
DICHLORODIFLUOROMETHANE	< 1	< 2	< 2	< 1.7	< 1	< 1	< 4	< 6.7
ETHYLBENZENE	< 1	< 2	< 2	< 1.7	< 1	< 1	< 4	< 6.7
ISOPROPYLBENZENE	< 1	< 2	< 2	< 1.7	< 1	< 1	< 4	< 6.7
METHYL ACETATE	< 10	< 20	< 20	< 17	< 10	< 10	< 40	< 67
METHYL TERT-BUTYL ETHER	< 5	< 10	< 10	< 8.4	< 5	< 5	< 20	< 33
METHYLCYCLOHEXANE	< 1	< 2	< 2	< 1.7	1.2	< 1	< 4	< 6.7
METHYLENE CHLORIDE	< 1	0.7 J B	< 2	< 1.7	< 1	< 1	< 4	< 6.7
N-HEXANE								
STYRENE	< 1	< 2	< 2	< 1.7	< 1	< 1	< 4	< 6.7
TETRACHLOROETHENE	13	11	19	14	9	12	72	73
TOLUENE	< 1	< 2	< 2	< 1.7	0.2 J	< 1	< 4	< 6.7
TRANS-1,2-DICHLOROETHENE	< 0.5	< 1	< 1	< 0.84	< 0.5	< 0.5	< 2	< 3.3
TRANS-1,3-DICHLOROPROPENE	< 1	< 2	< 2	< 1.7	< 1	< 1	< 4	< 6.7
TRICHLOROETHENE	2.6	2.9	5.9	3.4	2.9	2.8	31	35
TRICHLOROFLUOROMETHANE	< 1	< 2	< 2	< 1.7	< 1	< 1	< 4	< 6.7
VINYL CHLORIDE	< 1	< 2	< 2	< 1.7	< 1	< 1	< 4	< 6.7
XYLENES (TOTAL)	< 1	< 2	< 2	< 1.7	< 1	< 1	< 4	< 6.7

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35c: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW02-08CD 2004-02-24 Middle CA Ground Water µg/L	MW02-08CD 2004-04-15 Middle CA Ground Water µg/L	MW02-08SE 2003-09-12 Lower CA Ground Water µg/L	MW02-08SE 2003-11-05 Lower CA Ground Water µg/L	MW02-08SE 2004-02-24 Lower CA Ground Water µg/L	MW02-08SE 2004-04-15 Lower CA Ground Water µg/L	MW02-09 2003-09-11 Upper CA Ground Water µg/L	MW02-09 2003-11-04 Upper CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	1.2 J	< 8	< 1	< 1	< 1	< 1	0.32 J	0.19 J
1,1,2,2-TETRACHLOROETHANE	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	200	280	< 1	< 1	< 1	< 1	37	29
1,1,2-TRICHLOROETHANE	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	4.1 J	4.4 J	< 1	< 1	< 1	< 1	0.94 J	0.7 J
1,1-DICHLOROETHENE	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 10	< 16	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)								
1,2-DICHLOROPROPANE	1 J	< 8	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	< 50	< 80	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 50	< 80	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 50	< 80	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	4.6 J	5.5 J	2.3 J r	1.1 J r	< 10	< 10	< 10	< 10
BENZENE	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	8.9	10	< 0.5	< 0.5	< 0.5	< 0.5	2	1.6
CIS-1,3-DICHLOROPROPENE	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 5	< 8	< 1	< 1	0.92 J	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 50	< 80	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 25	< 40	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 5	< 8	< 1	0.8 J	1.2	< 1	< 1	< 1
METHYLENE CHLORIDE	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE								
STYRENE	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	88	120	< 1	< 1	< 1	< 1	11	9.6
TOLUENE	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 2.5	< 4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	41	44	< 1	< 1	< 1	< 1	7.2	6.5
TRICHLOROFLUOROMETHANE	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 5	< 8	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35c: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW02-09 2004-02-24 Upper CA Ground Water µg/L	MW02-09 2004-04-15 Upper CA Ground Water µg/L	MW02-10 2003-09-11 Upper CA Ground Water µg/L	MW02-10 2003-10-15 Upper CA Ground Water µg/L	MW02-10 2003-11-04 Upper CA Ground Water µg/L	MW02-10 2004-02-20 Upper CA Ground Water µg/L	MW02-10 2004-04-13 Upper CA Ground Water µg/L	MW02-10CD 2004-02-19 Middle CA Ground Water µg/L	MW02-10CD 2004-04-13 Middle CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	0.25 J	0.22 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	37	36	3.7	4.4	4.2	3.2	5.2	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	0.91 J	0.82 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)									
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	< 10	1.3 J	< 10	< 10	< 10	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	2.2	1.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.29 J B u	< 1
N-HEXANE									
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	13	11	1.6	1.7	1.7	1.9	1.8	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	7.8	6.9	0.99 J	1.2	0.97 J	1.2 B u	0.99 J	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35c: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW02-11 2003-09-11 Upper CA Ground Water µg/L	MW02-11 2003-11-05 Upper CA Ground Water µg/L	MW02-11 2004-02-25 Upper CA Ground Water µg/L	MW02-11 2004-04-16 Upper CA Ground Water µg/L	MW02-11SE 2003-09-11 Lower CA Ground Water µg/L	MW02-11SE 2003-11-05 Lower CA Ground Water µg/L	MW02-11SE 2004-02-24 Lower CA Ground Water µg/L	MW02-11SE 2004-04-16 Lower CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)								
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	< 10	< 10	< 10	0.72 J B	< 10	< 10	< 10	4.4 J B
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	0.73 J	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE								
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	0.32 J	0.25 J	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35c: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW02-13 DUP 2004-02-24 Upper CA Ground Water µg/L	MW02-13 2004-02-24 Upper CA Ground Water µg/L	MW02-13 2004-04-15 Upper CA Ground Water µg/L	MW02-14 2004-02-20 Upper CA Ground Water µg/L	MW02-14 2004-04-13 Upper CA Ground Water µg/L	MW02-14CD 2004-02-06 Middle CA Ground Water µg/L	MW02-14CD 2004-02-20 Middle CA Ground Water µg/L	MW02-14CD 2004-04-13 Middle CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	31	26	46	< 1	0.34 J	< 1	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	0.32 J B u	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2.9	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)								
1,2-DICHLOROPROPANE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 14	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 14	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 14	< 10	< 10	2 J B u	< 10	< 10
ACETONE	0.81 J	< 10	1.2 J	< 10	< 10	0.83 J B u	< 10	0.86 J B
BENZENE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	0.64 J	0.68 J	0.65 J	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	0.99 J	0.98 J	1.1 J	0.43 J	0.21 J	0.37 J	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	0.39 J	0.39 J	3.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 14	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 7.2	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
N-HEXANE								
STYRENE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	1.8	1.7	3	< 1	< 1	< 1	< 1	< 1
TOLUENE	< 1	< 1	< 1.4	< 1	< 1	0.29 J	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.72	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	4	4.3	5.5	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1.4	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35c: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW02-15 2004-02-19 Upper CA Ground Water µg/L	MW02-15 2004-04-12 Upper CA Ground Water µg/L	MW02-15CD 2004-02-19 Middle CA Ground Water µg/L	MW02-15CD 2004-04-12 Middle CA Ground Water µg/L	MW02-16 2004-02-25 Upper CA Ground Water µg/L	MW02-16 2004-04-12 Upper CA Ground Water µg/L	MW02-16CD 2004-02-25 Middle CA Ground Water µg/L	MW02-16CD 2004-04-12 Middle CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	0.43 J	0.62 J	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)								
1,2-DICHLOROPROPANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	< 10	< 10	0.71 J B u	< 10	< 10	< 10	< 10	< 10
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	< 1	< 1	0.24 J	< 1
CHLOROMETHANE	< 1	0.38 J	< 1	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE								
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	< 1	< 1	< 1	0.29 J	0.37 J	< 1	< 1
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	< 1	< 1	< 1	< 1	0.66 J	0.59 J	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 35c: Cedarville Aquifer VOC Analytical Data F

Sample ID Sample Date (year-mm-dd) Sample Medium Reporting Units	MW02-17 2004-03-05 Upper CA Ground Water µg/L	MW02-17 2004-04-14 Upper CA Ground Water µg/L	MW02-17CD 2004-03-05 Middle CA Ground Water µg/L	MW02-17CD 2004-04-14 Middle CA Ground Water µg/L	MW02-18 2004-03-05 Upper CA Ground Water µg/L	MW02-18 2004-04-14 Upper CA Ground Water µg/L	MW02-18CD 2004-03-05 Middle CA Ground Water µg/L	MW02-18CD 2004-04-14 Middle CA Ground Water µg/L
1,1,1-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-TETRACHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	< 1	< 1	< 1	< 1	< 1	0.34 J	< 1	< 1
1,1,2-TRICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-DICHLOROETHENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-TRICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DIBROMO-3-CHLOROPROPANE	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-DIBROMOETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-DICHLOROETHENE (TOTAL)								
1,2-DICHLOROPROPANE	1.6	1.5	< 1	< 1	< 1	< 1	< 1	< 1
1,3-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-DICHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-BUTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-HEXANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-METHYL-2-PENTANONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ACETONE	0.91 J u	< 10	0.88 J u	< 10	1.8 J u	0.83 J B	1.9 J u	0.79 J B
BENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMODICHLOROMETHANE	< 1	< 1	< 1	< 1	2.2	1.9	< 1	< 1
BROMOFORM	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BROMOMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CARBON DISULFIDE	< 1	< 1	0.24 J	< 1	< 1	< 1	< 1	< 1
CARBON TETRACHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CHLOROFORM	< 1	< 1	< 1	< 1	1.5	1.3	< 1	< 1
CHLOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CIS-1,2-DICHLOROETHENE	1.6	1.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
DIBROMOCHLOROMETHANE	< 1	< 1	< 1	< 1	1.3	1.1	< 1	< 1
DICHLORODIFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ETHYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
ISOPROPYLBENZENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYL ACETATE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
METHYL TERT-BUTYL ETHER	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
METHYLCYCLOHEXANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
METHYLENE CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
N-HEXANE								
STYRENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TETRACHLOROETHENE	< 1	0.33 J	< 1	< 1	< 1	0.47 J	< 1	0.32 J
TOLUENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRANS-1,2-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROETHENE	1.2	1.2	< 1	< 1	< 1	< 1	< 1	< 1
TRICHLOROFLUOROMETHANE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VINYL CHLORIDE	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
XYLENES (TOTAL)	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
VOCs = Volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 36: Cedarville Aquifer Metals Analytical Data From Monitoring Wells, Extraction Wells, and Plant 2 Water Well

Sample ID	Sample Date	SHM Unit	UNITS	ARSENIC		BARIUM		CADMIUM		CHROMIUM		COPPER	IRON		LEAD		MAGNESIUM	MANGANESE		MERCURY		POTASSIU		SELENIUM		SILVER		ZINC
				Total	Dis	Total	Dis	Total	Dis	Total	Dis	Total	Total	Dis	Total	Dis	Total	Total	Dis	Total	Dis	Total	Dis	Total	Dis	Total	Dis	Total
CW01-01	15-Nov-99	Upper/Middle CA	mg/L										0.17				39.9	0.033										
CW01-01	17-Nov-99	Upper/Middle CA	mg/L										< 0.1				43	< 0.015										
CW01-01	19-Nov-99	Upper/Middle CA	mg/L										< 0.1				45.7	< 0.015										
MW01-01	5-Nov-98	Upper CA	mg/L	< 0.01		0.24		< 0.005		< 0.01				< 0.1	< 0.003				0.044	< 0.0002				< 0.005		< 0.01		
MW01-01	12-May-99	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-01	30-Nov-99	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-01	5-Jun-00	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-01	13-Feb-03	Upper CA	mg/L							< 0.01		< 0.025																< 0.02
MW01-02	5-Nov-98	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		0.014				< 0.1	< 0.003				0.025	< 0.0002				< 0.005		< 0.01		
MW01-02	12-May-99	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-02	30-Nov-99	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-02	5-Jun-00	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01				< 0.5	< 0.003				< 0.015	< 0.0002				< 0.005		< 0.01		
MW01-02	13-Feb-03	Upper CA	mg/L							< 0.01		< 0.025																< 0.02
MW01-02CD	11-May-99	Middle CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-02CD	30-Nov-99	Middle CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-02CD	5-Jun-00	Middle CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01				< 0.5	< 0.003				0.051	< 0.0002				< 0.005		< 0.01		
MW01-02CD	13-Feb-03	Middle CA	mg/L							< 0.01		0.0057 B																< 0.02
MW01-02SE	11-May-99	Lower CA	mg/L	0.011		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-02SE	30-Nov-99	Lower CA	mg/L	0.014		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-02SE	5-Jun-00	Lower CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-02SE	13-Feb-03	Lower CA	mg/L							< 0.01		< 0.025																< 0.02
MW01-03	5-Nov-98	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01				< 0.1	< 0.003				0.043	< 0.0002				< 0.005		< 0.01		
MW01-03	12-May-99	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		0.15					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-03	30-Nov-99	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-03	6-Jun-00	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-03	12-Feb-03	Upper CA	mg/L							0.0024 B		0.0039 B																< 0.02
MW01-03CD	12-May-99	Middle CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-03CD	30-Nov-99	Middle CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-03CD	6-Jun-00	Middle CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01				< 0.5	< 0.003				< 0.015	< 0.0002				0.006		< 0.01		
MW01-03CD	13-Feb-03	Middle CA	mg/L							< 0.01		0.0029 B																< 0.02
MW01-04	5-Nov-98	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		0.018				< 0.1	< 0.003				< 0.015	< 0.0002				< 0.005		< 0.01		
MW01-04	13-May-99	Upper CA	mg/L	< 0.01		0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-04	1-Dec-99	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-04	6-Jun-00	Upper CA	mg/L	< 0.01		0.22		< 0.005		< 0.01				< 0.5	< 0.003				< 0.015	< 0.0002				< 0.005		< 0.01		
MW01-04	14-Feb-03	Upper CA	mg/L							< 0.01		< 0.025																< 0.02
MW01-04 DUP	13-May-99	Upper CA	mg/L	< 0.01		0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-04 DUP	14-Feb-03	Upper CA	mg/L							0.0055 B		0.011 B																< 0.02
MW01-04CD	12-May-99	Middle CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-04CD	1-Dec-99	Middle CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-04CD	7-Jun-00	Middle CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01				0.74	< 0.003				0.028	< 0.0002				< 0.005		< 0.01		
MW01-04CD	18-Feb-03	Middle CA	mg/L							< 0.005		0.0018 B																< 0.02
MW01-04CD DUP	7-Jun-00	Middle CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-05	5-Nov-98	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01				< 0.1	< 0.003				< 0.015	< 0.0002				< 0.005		< 0.01		
MW01-05	12-May-99	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-05	1-Dec-99	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-05	6-Jun-00	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01				< 0.5	< 0.003				< 0.015	< 0.0002				< 0.005		< 0.01		
MW01-05	14-Feb-03	Upper CA	mg/L							< 0.01		< 0.025																< 0.02
MW01-05 DUP	5-Nov-98	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-05 DUP	1-Dec-99	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-05CD	12-May-99	Middle CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				0.015		< 0.01		
MW01-05CD	30-Nov-99	Middle CA	mg/L	< 0.01		< 0.2		< 0.002		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-05CD	6-Jun-00	Middle CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01				< 0.5	< 0.003				0.018	< 0.0002				< 0.005		< 0.01		
MW01-05CD	14-Feb-03	Middle CA	mg/L							< 0.01		0.0018 B																< 0.02
MW01-06	5-Nov-98	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01				< 0.1	< 0.003				0.042	< 0.0002				< 0.005		< 0.01		
MW01-06	13-May-99	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-06	1-Dec-99	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-06	5-Jun-00	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01				< 0.5	< 0.003				0.047	< 0.0002				0.0073		< 0.01		
MW01-06	14-Feb-03	Upper CA	mg/L							< 0.01		< 0.025																< 0.02
MW01-07	26-Mar-99	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		0.073					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-07	12-May-99	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-07	30-Nov-99	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-07	5-Jun-00	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01				< 0.5	< 0.003				< 0.015	< 0.0002				0.0067		< 0.01		
MW01-07	12-Feb-03	Upper CA	mg/L							0.011		0.0038 B																< 0.02
MW01-08	26-Mar-99	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		0.057					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-08	12-May-99	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-08	30-Nov-99	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-08	5-Jun-00	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				0.0056		< 0.01		

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MW01-08	13-Feb-03	Upper CA	mg/L							0.0092 B		0.0026 B																< 0.02
MW01-09	26-Mar-99	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-09	12-May-99	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-09	30-Nov-99	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-09	6-Jun-00	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01				< 0.5	< 0.003				< 0.015	< 0.0002				< 0.005		< 0.01		
MW01-09	13-Feb-03	Upper CA	mg/L							0.0083 B		< 0.025																< 0.02
MW01-10	26-Mar-99	Upper CA	mg/L	< 0.01		0.21		< 0.005		0.078					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-10	13-May-99	Upper CA	mg/L	< 0.01		0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-10	1-Dec-99	Upper CA	mg/L	< 0.01		0.28		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-10	6-Jun-00	Upper CA	mg/L	< 0.01		0.28		< 0.005		< 0.01				< 0.5	< 0.003				0.1	< 0.0002				< 0.005		< 0.01		
MW01-10	14-Feb-03	Upper CA	mg/L							< 0.01		< 0.025																< 0.02
MW01-10 DUP	26-Mar-99	Upper CA	mg/L	< 0.01		0.22		< 0.005		0.026					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-10 DUP	14-Feb-03	Upper CA	mg/L							< 0.01		< 0.025																< 0.02
MW01-11	21-May-99	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-11	1-Dec-99	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW01-11	6-Jun-00	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01				< 0.5	< 0.003				< 0.015	< 0.0002				< 0.005		< 0.01		
MW01-11	14-Feb-03	Upper CA	mg/L							< 0.01		< 0.025																< 0.02
MW02-01	6-Jun-00	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				0.0059		< 0.01		
MW02-01	19-Feb-03	Upper CA	mg/L							< 0.005		< 0.025																< 0.02
MW02-02	30-Nov-99	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW02-02	6-Jun-00	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01				< 0.5	< 0.003				< 0.015	< 0.0002				0.0055		< 0.01		
MW02-02	19-Feb-03	Upper CA	mg/L							< 0.005		< 0.025																< 0.02
MW02-02 DUP	30-Nov-99	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW02-03	1-Dec-99	Upper CA	mg/L		< 0.01		0.34		< 0.005		< 0.01					0.0079					< 0.0002					< 0.005		< 0.01	
MW02-03	7-Jun-00	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW02-03	19-Feb-03	Upper CA	mg/L							< 0.005		< 0.025																< 0.02
MW02-04	7-Jun-00	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01				< 0.5	< 0.003				< 0.015	< 0.0002				0.005		< 0.01		
MW02-04	19-Feb-03	Upper CA	mg/L							0.0019 B		< 0.025																< 0.02
MW02-05	8-Jun-00	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW02-05	19-Feb-03	Upper CA	mg/L							< 0.005		< 0.025																< 0.02
MW02-06	30-Nov-99	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW02-06	7-Jun-00	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01				< 0.5	< 0.003				< 0.015	< 0.0002				< 0.005		< 0.01		
MW02-06	19-Feb-03	Upper CA	mg/L							< 0.005		< 0.025																< 0.02
MW02-06 DUP	7-Jun-00	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW02-07	7-Jun-00	Upper CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
MW02-07	19-Feb-03	Upper CA	mg/L							< 0.005		< 0.025																< 0.02
RW01-01	20-Apr-99	Upper CA	mg/L								< 0.01			0.15					0.14				6.4					
RW01-01	27-Apr-99	Upper CA	mg/L							0.029	0.036		0.29	< 0.1				208	250			5220	5580					
RW01-01	4-May-99	Upper CA	mg/L							0.072	0.097		1.2	< 0.1				522	605			5570	5660					
RW01-01	11-May-99	Upper CA	mg/L							0.56	0.5		1	0.11				2240	1810			4180	3590					
RW01-01	20-May-99	Upper CA	mg/L							0.24	0.22		18.9	< 0.1				155	108			1670	1770					
RW01-01	1-Dec-99	Upper CA	mg/L							0.062	0.025		2.2	< 0.1				20.6	0.03			367	399					
RW01-02	20-Apr-99	Upper CA	mg/L							< 0.01			0.66					0.03				6.4						
RW01-02	21-Apr-99	Upper CA	mg/L							0.08	0.046		0.93	< 0.1				100	81.1			48.9	33.1					
RW01-02	22-Apr-99	Upper CA	mg/L							0.11	0.052		0.18	< 0.1				98.7	77.9			83	52.5					
RW01-02	23-Apr-99	Upper CA	mg/L							0.38	0.39		9.3	< 0.1				227	264			497	521					
RW01-02	27-Apr-99	Upper CA	mg/L							0.061	0.052		< 0.1	< 0.1				5.1	4.4			203	183					
RW01-02	4-May-99	Upper CA	mg/L							0.023	0.015		0.14	< 0.1				0.38	0.13			90.1	86.6					
RW01-02	11-May-99	Upper CA	mg/L							0.013	0.015		< 0.1	< 0.1				0.23	1.3			50.5	66.1					
RW01-02	20-May-99	Upper CA	mg/L							< 0.01	< 0.01		0.54	< 0.1				0.55	0.023			21.1	21.7					
RW01-02	1-Dec-99	Upper CA	mg/L							< 0.01			< 0.1					0.54				9.7						
RW01-03	20-Apr-99	Upper CA	mg/L							0.01			1.8					0.11				6.8						
RW01-03	21-Apr-99	Upper CA	mg/L							< 0.01	< 0.01		12	< 0.1				0.5	0.1			9.5	7.8					
RW01-03	22-Apr-99	Upper CA	mg/L							0.024	< 0.01		14.3	< 0.1				0.33	0.092			8.5 L	6.5					
RW01-03	23-Apr-99	Upper CA	mg/L							0.016	< 0.01		8.3	< 0.1				0.2	0.072			8.1	6.7					
RW01-03	27-Apr-99	Upper CA	mg/L							< 0.01	< 0.01		6.1	< 0.1				0.17	0.053			7.2	6.9					
RW01-03	4-May-99	Upper CA	mg/L							< 0.01	< 0.01		9.3	< 0.1				0.2	0.047			8.5	6.7					
RW01-03	11-May-99	Upper CA	mg/L							< 0.01	< 0.01		2.2	< 0.1				0.16	0.053			6.7	6.1					
RW01-03	20-May-99	Upper CA	mg/L							0.012	< 0.01		8.5	< 0.1				0.17	0.037			8.4	6.5					
RW01-04	20-Apr-99	Upper CA	mg/L							< 0.01			1					0.073				7						
RW01-04	21-Apr-99	Upper CA	mg/L							< 0.01	< 0.01		0.87	< 0.1				0.1	0.041			6.5	6.9					
RW01-04	22-Apr-99	Upper CA	mg/L							0.01	< 0.01		14.7	< 0.1				0.4	0.039			8	6.1					
RW01-04	23-Apr-99	Upper CA	mg/L							0.016	< 0.01		7.9	< 0.1				0.19	0.035			7.9	6.7					
RW01-04	27-Apr-99	Upper CA	mg/L							< 0.01	< 0.01		1.4	< 0.1				0.071	0.029			6.4	6.7					
RW01-04	4-May-99	Upper CA	mg/L							< 0.01	< 0.01		1.6	< 0.1				0.069	0.022			7	6.8					
RW01-04	11-May-99	Upper CA	mg/L							< 0.01	< 0.01		3.7	< 0.1				0.15	0.043			9.7	8.6					
RW01-04	20-May-99	Upper CA	mg/L							< 0.01	< 0.01		0.45	< 0.1				< 0.015	< 0.015			6.8	6.5					
RW01-05	20-Apr-99	Upper CA	mg/L							< 0.01			4					0.15				7						
RW01-05	21-Apr-99	Upper CA	mg/L							< 0.01	< 0.01		1.9	< 0.1				0.24	0.24			6.8	6.7					
RW01-05	22-Apr-99	Upper CA	mg/L							< 0.01	< 0.01		1.7	< 0.1				0.19	0.2			5.8	6.4					
RW01-05	23-Apr-99	Upper CA	mg/L							0.011	< 0.01		20.9	< 0.1				0.38	0.1			9.8	6.7					
RW01-05	27-Apr-99	Upper CA	mg/L							< 0.01	< 0.01		1.3	< 0.1				0.096	0.082			6.7	7					
RW01-05	4-May-99	Upper CA	mg/L							< 0.01	< 0.01		6.3	< 0.1				0.2	0.071			7.7	6.8					
RW01-05	11-May-99	Upper CA	mg/L							< 0.01	< 0.01		4	< 0.1				0.16	0.09			8.7	7.9					
RW01-05	20-May-99	Upper CA	mg/L							< 0.01	< 0.01		0.96	< 0.1				0.07	0.058			6	6.5					
RW01-05	18-Feb-03	Upper CA	mg/L							0.0018 B		0.0034 B																< 0.02
WW01-Vernay Plant 2	28-Jul-00	Upper/Middle CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		
WW01-Vernay Plant 2 DUP	28-Jul-00	Upper/Middle CA	mg/L	< 0.01		< 0.2		< 0.005		< 0.01					< 0.003					< 0.0002				< 0.005		< 0.01		

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
DUP = Duplicate Sample
CA = Cedarville Aquifer
mg/L = milligrams per liter
SHM=Site Hydrogeologic Unit
dis=dissolved

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 37: SVOC Analytical Data From Monitoring Wells

Sample ID Sample Date (year-mm-dd) Sample Medium Analytical Method Reporting Units	MW01-01 1998-11-05 Upper CA Ground Water SW8310 µg/L	MW01-01 1999-05-12 Upper CA Ground Water SW8310 µg/L	MW01-01 1999-11-30 Upper CA Ground Water E610 µg/L	MW01-01 2000-06-05 Upper CA Ground Water SW8310 µg/L	MW01-01 2003-02-13 Upper CA Ground Water SW8270C µg/L	MW01-02 1998-11-05 Upper CA Ground Water SW8310 µg/L	MW01-02 1999-05-12 Upper CA Ground Water SW8310 µg/L	MW01-02 1999-11-30 Upper CA Ground Water E610 µg/L	MW01-02 2000-06-05 Upper CA Ground Water SW8310 µg/L	MW01-02 2003-02-13 Upper CA Ground Water SW8270C µg/L	MW01-02CD 1999-05-11 Middle CA Ground Water SW8310 µg/L	MW01-02CD 1999-11-30 Middle CA Ground Water E610 µg/L
1,1'-BIPHENYL					< 10					< 10		
1,2,4-TRICHLOROBENZENE												
1,2-DICHLOROBENZENE												
1,3-DICHLOROBENZENE												
1,4-DICHLOROBENZENE												
1-METHYLNAPHTHALENE	< 2	< 2 uj	< 1			< 2	< 2 uj	< 1			< 2 uj	< 1
2,2'-OXYBIS(1-CHLOROPROPANE)					< 10					< 10		
2,4,5-TRICHLOROPHENOL					< 10					< 10		
2,4,6-TRICHLOROPHENOL					< 10					< 10		
2,4-DICHLOROPHENOL					< 10					< 10		
2,4-DIMETHYLPHENOL					< 10					< 10		
2,4-DINITROPHENOL					< 50					< 50		
2,4-DINITROTOLUENE					< 10					< 10		
2,6-DINITROTOLUENE					< 10					< 10		
2-CHLORONAPHTHALENE					< 10					< 10		
2-CHLOROPHENOL					< 10					< 10		
2-METHYLNAPHTHALENE	< 2	< 2 uj	< 1		< 10	< 2	< 2 uj	< 1		< 10	< 2 uj	< 1
2-METHYLPHENOL					< 10					< 10		
2-NITROANILINE					< 50					< 50		
2-NITROPHENOL					< 10					< 10		
3,3'-DICHLOROBENZIDINE					< 50					< 50		
3-NITROANILINE					< 50					< 50		
4,6-DINITRO-2-METHYLPHENOL					< 50					< 50		
4-BROMOPHENYL PHENYL ETHER					< 10					< 10		
4-CHLORO-3-METHYLPHENOL					< 10					< 10		
4-CHLOROANILINE					< 10					< 10		
4-CHLOROPHENYL PHENYL ETHER					< 10					< 10		
4-METHYLPHENOL					< 10					< 10		
4-NITROANILINE					< 50					< 50		
4-NITROPHENOL					< 50					< 50		
ACENAPHTHENE	< 1	< 1 uj	< 1	< 2.4	< 10	< 1	< 1 uj	< 1	< 2.4	< 10	< 1 uj	< 1
ACENAPHTHYLENE	< 1	< 1 uj	< 1	< 1.2	< 10	< 1	2.3 j	< 1	< 1.2	< 10	2.4 j	< 1
ACETOPHENONE					< 10					< 10		
ANTHRACENE	< 2	< 2 uj	< 2	< 0.047	< 10	< 2	< 2 uj	< 2	< 0.047	< 10	< 2 uj	< 2
ATRAZINE					< 10					< 10		
BENZALDEHYDE					< 10					< 10		
BENZO(A)ANTHRACENE	< 0.1	< 0.1 uj	< 0.1	< 0.12	< 10	< 0.1	< 0.1 uj	< 0.1	< 0.12	< 10	< 0.1 uj	< 0.1
BENZO(A)PYRENE	< 0.1	< 0.1 uj	< 0.1	< 0.12	< 10	< 0.1	< 0.1 uj	< 0.1	< 0.12	< 10	< 0.1 uj	< 0.1
BENZO(B)FLUORANTHENE	< 0.1	< 0.1 uj	< 0.1	< 0.047	< 10	< 0.1	< 0.1 uj	< 0.1	< 0.047	< 10	< 0.1 uj	< 0.1
BENZO(GHI)PERYLENE	< 0.1	< 0.1 uj	< 0.1	< 0.19	< 10	< 0.1	< 0.1 uj	< 0.1	< 0.19	< 10	< 0.1 uj	< 0.1
BENZO(K)FLUORANTHENE	< 0.05	< 0.05 uj	< 0.1	< 0.047	< 10	< 0.05	< 0.05 uj	< 0.1	< 0.047	< 10	< 0.05 uj	< 0.1
BIS(2-CHLOROETHOXY)METHANE					< 10					< 10		
BIS(2-CHLOROETHYL) ETHER					< 10					< 10		
BIS(2-ETHYLHEXYL) PHTHALATE					< 10					< 10		
BUTYL BENZYL PHTHALATE					< 10					< 10		
CAPROLACTAM					< 10					< 10		
CARBAZOLE					< 10					< 10		
CHRYSENE	< 0.1	< 0.1 uj	< 0.1	< 0.12	< 10	< 0.1	< 0.1 uj	< 0.1	< 0.12	< 10	< 0.1 uj	< 0.1
DIBENZ(A,H)ANTHRACENE	< 0.1	< 0.1 uj	< 0.1		< 10	< 0.1	< 0.1 uj	< 0.1		< 10	< 0.1 uj	< 0.1
Dibenzo(a,h)anthracene				< 0.47					< 0.47			
DIBENZOFURAN					< 10					< 10		
DIETHYL PHTHALATE					< 10					< 10		
DIMETHYL PHTHALATE					< 10					< 10		
DI-N-BUTYL PHTHALATE					< 10					< 10		
DI-N-OCTYL PHTHALATE					< 10					< 10		
FLUORANTHENE	< 0.1	< 0.1 uj	< 0.1	< 0.12	< 10	< 0.1	< 0.1 uj	< 0.1	< 0.12	< 10	< 0.1 uj	< 0.1
FLUORENE	< 1	< 1 uj	< 1	< 0.24	< 10	< 1	< 1 uj	< 1	< 0.24	< 10	< 1 uj	< 1
HEXACHLOROBENZENE					< 10					< 10		
HEXACHLOROBUTADIENE					< 10					< 10		
HEXACHLOROCYCLOPENTADIENE					< 50					< 50		
HEXACHLOROETHANE					< 10					< 10		
INDENO(1,2,3-CD)PYRENE	< 0.1	< 0.1 uj	< 0.1	< 0.12	< 10	< 0.1	< 0.1 uj	< 0.1	< 0.12	< 10	< 0.1 uj	< 0.1
ISOPHORONE					< 10					< 10		
NAPHTHALENE	< 2	< 2 uj	< 1	< 1.2	< 10	< 2	< 2 uj	< 1	< 1.2	< 10	< 2 uj	< 1
NITROBENZENE					< 10					< 10		
N-NITROSODI-N-PROPYLAMINE					< 10					< 10		
N-NITROSODIPHENYLAMINE					< 10					< 10		
PENTACHLOROPHENOL					< 10					< 10		
PHENANTHRENE	< 1	< 1 uj	< 1	< 0.094	< 10	< 1	< 1 uj	< 1	< 0.094	< 10	< 1 uj	< 1
PHENOL					< 10					< 10		
PYRENE	< 0.1	< 0.1 uj	< 0.1	< 0.24	< 10	< 0.1	< 0.1 uj	< 0.1	< 0.24	< 10	< 0.1 uj	< 0.1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
SVOCs = Semi-volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 37: SVOC Analytical Data From Monitoring W

Sample ID Sample Date (year-mm-dd) Sample Medium Analytical Method Reporting Units	MW01-02CD 2000-06-05 Middle CA Ground Water SW8310 µg/L	MW01-02CD 2003-02-13 Middle CA Ground Water SW8270C µg/L	MW01-02SE 1999-05-11 Lower CA Ground Water SW8310 µg/L	MW01-02SE 1999-11-30 Lower CA Ground Water E610 µg/L	MW01-02SE 2000-06-05 Lower CA Ground Water SW8310 µg/L	MW01-02SE 2003-02-13 Lower CA Ground Water SW8270C µg/L	MW01-03 1998-11-05 Upper CA Ground Water SW8310 µg/L	MW01-03 1999-05-12 Upper CA Ground Water SW8310 µg/L	MW01-03 1999-11-30 Upper CA Ground Water E610 µg/L	MW01-03 2000-06-06 Upper CA Ground Water SW8310 µg/L	MW01-03 2003-02-12 Upper CA Ground Water SW8270C µg/L
1,1'-BIPHENYL		< 10				< 10					< 10
1,2,4-TRICHLOROBENZENE											
1,2-DICHLOROBENZENE											
1,3-DICHLOROBENZENE											
1,4-DICHLOROBENZENE											
1-METHYLNAPHTHALENE			< 2 uj	< 1			< 2	< 2 uj	< 1		
2,2'-OXYBIS(1-CHLOROPROPANE)		< 10				< 10					< 10
2,4,5-TRICHLOROPHENOL		< 10				< 10					< 10
2,4,6-TRICHLOROPHENOL		< 10				< 10					< 10
2,4-DICHLOROPHENOL		< 10				< 10					< 10
2,4-DIMETHYLPHENOL		< 10				< 10					< 10
2,4-DINITROPHENOL		< 50				< 50					< 50
2,4-DINITROTOLUENE		< 10				< 10					< 10
2,6-DINITROTOLUENE		< 10				< 10					< 10
2-CHLORONAPHTHALENE		< 10				< 10					< 10
2-CHLOROPHENOL		< 10				< 10					< 10
2-METHYLNAPHTHALENE		< 10	< 2 uj	< 1		< 10	< 2	< 2 uj	< 1		< 10
2-METHYLPHENOL		< 10				< 10					< 10
2-NITROANILINE		< 50				< 50					< 50
2-NITROPHENOL		< 10				< 10					< 10
3,3'-DICHLOROBENZIDINE		< 50				< 50					< 50
3-NITROANILINE		< 50				< 50					< 50
4,6-DINITRO-2-METHYLPHENOL		< 50				< 50					< 50
4-BROMOPHENYL PHENYL ETHER		< 10				< 10					< 10
4-CHLORO-3-METHYLPHENOL		< 10				< 10					< 10
4-CHLOROANILINE		< 10				< 10					< 10
4-CHLOROPHENYL PHENYL ETHER		< 10				< 10					< 10
4-METHYLPHENOL		< 10				< 10					< 10
4-NITROANILINE		< 50				< 50					< 50
4-NITROPHENOL		< 50				< 50					< 50
ACENAPHTHENE	< 2.4	< 10	< 1 uj	< 1	< 2.4	< 10	< 1	< 1 uj	< 1	< 2.4	< 10
ACENAPHTHYLENE	< 1.2	< 10	< 1 uj	< 1	< 1.2	< 10	< 1	< 1 uj	< 1	< 1.2	< 10
ACETOPHENONE		< 10				< 10					< 10
ANTHRACENE	< 0.047	< 10	< 2 uj	< 2	< 0.047	< 10	< 2	< 2 uj	< 2	< 0.047	< 10
ATRAZINE		< 10				< 10					< 10
BENZALDEHYDE		< 10				< 10					< 10
BENZO(A)ANTHRACENE	< 0.12	< 10	< 0.1 uj	< 0.1	< 0.12	< 10	< 0.1	< 0.1 uj	< 0.1	< 0.12	< 10
BENZO(A)PYRENE	< 0.12	< 10	< 0.1 uj	< 0.1	< 0.12	< 10	< 0.1	< 0.1 uj	< 0.1	< 0.12	< 10
BENZO(B)FLUORANTHENE	< 0.047	< 10	< 0.1 uj	< 0.1	< 0.047	< 10	< 0.1	< 0.1 uj	< 0.1	< 0.047	< 10
BENZO(GHI)PERYLENE	< 0.19	< 10	< 0.1 uj	< 0.1	< 0.19	< 10	< 0.1	< 0.1 uj	< 0.1	< 0.19	< 10
BENZO(K)FLUORANTHENE	< 0.047	< 10	< 0.05 uj	< 0.1	< 0.047	< 10	< 0.05	< 0.05 uj	< 0.1	< 0.047	< 10
BIS(2-CHLOROETHOXY)METHANE		< 10				< 10					< 10
BIS(2-CHLOROETHYL) ETHER		< 10				< 10					< 10
BIS(2-ETHYLHEXYL) PHTHALATE		< 10				< 10					10
BUTYL BENZYL PHTHALATE		< 10				< 10					< 10
CAPROLACTAM		< 10				< 10					< 10
CARBAZOLE		< 10				< 10					< 10
CHRYSENE	< 0.12	< 10	< 0.1 uj	< 0.1	< 0.12	< 10	< 0.1	< 0.1 uj	< 0.1	< 0.12	< 10
DIBENZ(A,H)ANTHRACENE		< 10	< 0.1 uj	< 0.1		< 10	< 0.1	< 0.1 uj	< 0.1		< 10
Dibenzo(a,h)anthracene	< 0.47				< 0.47					< 0.47	
DIBENZOFURAN		< 10				< 10					< 10
DIETHYL PHTHALATE		< 10				< 10					1 J
DIMETHYL PHTHALATE		< 10				< 10					< 10
DI-N-BUTYL PHTHALATE		< 10				< 10					< 10
DI-N-OCTYL PHTHALATE		< 10				< 10					< 10
FLUORANTHENE	< 0.12	< 10	< 0.1 uj	< 0.1	< 0.12	< 10	< 0.1	< 0.1 uj	< 0.1	< 0.12	< 10
FLUORENE	< 0.24	< 10	< 1 uj	< 1	< 0.24	< 10	< 1	< 1 uj	< 1	< 0.24	< 10
HEXACHLOROBENZENE		< 10				< 10					< 10
HEXACHLOROBUTADIENE		< 10				< 10					< 10
HEXACHLOROCYCLOPENTADIENE		< 50				< 50					< 50
HEXACHLOROETHANE		< 10				< 10					< 10
INDENO(1,2,3-CD)PYRENE	< 0.12	< 10	< 0.1 uj	< 0.1	< 0.12	< 10	< 0.1	< 0.1 uj	< 0.1	< 0.12	< 10
ISOPHORONE		< 10				< 10					< 10
NAPHTHALENE	< 1.2	< 10	< 2 uj	< 1	< 1.2	< 10	< 2	< 2 uj	< 1	< 1.2	< 10
NITROBENZENE		< 10				< 10					< 10
N-NITROSODI-N-PROPYLAMINE		< 10				< 10					< 10
N-NITROSODIPHENYLAMINE		< 10				< 10					< 10
PENTACHLOROPHENOL		< 10				< 10					< 10
PHENANTHRENE	< 0.094	< 10	< 1 uj	< 1	< 0.094	< 10	< 1	< 1 uj	< 1	< 0.094	< 10
PHENOL		< 10				< 10					< 10
PYRENE	< 0.24	< 10	< 0.1 uj	< 0.1	< 0.24	< 10	< 0.1	< 0.1 uj	< 0.1	< 0.24	< 10

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
SVOCs = Semi-volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 37: SVOC Analytical Data From Monitoring W

Sample ID Sample Date (year-mm-dd) Sample Medium Analytical Method Reporting Units	MW01-03 2003-05-06 Upper CA Ground Water SW8270C µg/L	MW01-03CD 1999-05-12 Middle CA Ground Water SW8310 µg/L	MW01-03CD 1999-11-30 Middle CA Ground Water E610 µg/L	MW01-03CD 2000-06-06 Middle CA Ground Water SW8310 µg/L	MW01-03CD 2003-02-13 Middle CA Ground Water SW8270C µg/L	MW01-04 1998-11-05 Upper CA Ground Water SW8310 µg/L	MW01-04 1999-05-13 Upper CA Ground Water SW8310 µg/L	MW01-04 DUP 1999-05-13 Upper CA Ground Water SW8310 µg/L	MW01-04 1999-12-01 Upper CA Ground Water E610 µg/L	MW01-04 2000-06-06 Upper CA Ground Water SW8270C µg/L	MW01-04 2003-02-14 Upper CA Ground Water SW8270C µg/L
1,1'-BIPHENYL	< 10				< 10						< 10
1,2,4-TRICHLOROBENZENE										< 10	
1,2-DICHLOROBENZENE										< 10	
1,3-DICHLOROBENZENE										< 10	
1,4-DICHLOROBENZENE										< 10	
1-METHYLNAPHTHALENE		< 2 uj	< 1			< 2	< 20 uj	< 20	< 1		
2,2'-OXYBIS(1-CHLOROPROPANE)	< 10				< 10					< 10	< 10
2,4,5-TRICHLOROPHENOL	< 10				< 10					< 10	< 10
2,4,6-TRICHLOROPHENOL	< 10				< 10					< 10	< 10
2,4-DICHLOROPHENOL	< 10				< 10					< 10	< 10
2,4-DIMETHYLPHENOL	< 10				< 10					< 10	< 10
2,4-DINITROPHENOL	< 50				< 50					< 50	< 50
2,4-DINITROTOLUENE	< 10				< 10					< 10	< 10
2,6-DINITROTOLUENE	< 10				< 10					< 10	< 10
2-CHLORONAPHTHALENE	< 10				< 10					< 10	< 10
2-CHLOROPHENOL	< 10				< 10					< 10	< 10
2-METHYLNAPHTHALENE	< 10	< 2 uj	< 1		< 10	< 2	< 20 uj	< 20	< 1	< 10	< 10
2-METHYLPHENOL	< 10				< 10					< 10	< 10
2-NITROANILINE	< 50				< 50					< 50	< 50
2-NITROPHENOL	< 10				< 10					< 10	< 10
3,3'-DICHLOROBENZIDINE	< 50				< 50					< 50	< 50
3-NITROANILINE	< 50				< 50					< 50	< 50
4,6-DINITRO-2-METHYLPHENOL	< 50				< 50					< 50	< 50
4-BROMOPHENYL PHENYL ETHER	< 10				< 10					< 10	< 10
4-CHLORO-3-METHYLPHENOL	< 10				< 10					< 10	< 10
4-CHLOROANILINE	< 10				< 10					< 10	< 10
4-CHLOROPHENYL PHENYL ETHER	< 10				< 10					< 10	< 10
4-METHYLPHENOL	< 10				< 10					< 10	< 10
4-NITROANILINE	< 50				< 50					< 50	< 50
4-NITROPHENOL	< 50				< 50					< 50	< 50
ACENAPHTHENE	< 10	< 1 uj	< 1	< 2.4	< 10	< 1	< 10 uj	< 10	< 1	< 10	< 10
ACENAPHTHYLENE	< 10	< 1 uj	< 1	< 1.2	< 10	< 1	180 j	150	< 1	< 10	< 10
ACETOPHENONE	< 10				< 10						< 10
ANTHRACENE	< 10	< 2 uj	< 2	< 0.049	< 10	< 2	< 20 uj	< 20	< 2	< 10	< 10
ATRAZINE	< 10				< 10						< 10
BENZALDEHYDE	< 10				< 10						< 10
BENZO(A)ANTHRACENE	< 10	< 0.1 uj	< 0.1	< 0.12	< 10	< 0.1	< 1 uj	< 1	< 0.1	< 10	< 10
BENZO(A)PYRENE	< 10	< 0.1 uj	< 0.1	< 0.12	< 10	< 0.1	< 1 uj	< 1	< 0.1	< 10	< 10
BENZO(B)FLUORANTHENE	< 10	< 0.1 uj	< 0.1	< 0.049	< 10	< 0.1	< 1 uj	< 1	< 0.1	< 10	< 10
BENZO(GHI)PERYLENE	< 10	< 0.1 uj	< 0.1	< 0.2	< 10	< 0.1	< 1 uj	< 1	< 0.1	< 10	< 10
BENZO(K)FLUORANTHENE	< 10	< 0.05 uj	< 0.1	< 0.049	< 10	< 0.05	< 1 uj	< 1	< 0.1	< 10	< 10
BIS(2-CHLOROETHOXY)METHANE	< 10				< 10					< 10	< 10
BIS(2-CHLOROETHYL) ETHER	< 10				< 10					< 10	< 10
BIS(2-ETHYLHEXYL) PHTHALATE	< 10				< 10					< 10	< 10
BUTYL BENZYL PHTHALATE	< 10				< 10					< 10	< 10
CAPROLACTAM	< 10				< 10						< 10
CARBAZOLE	< 10				< 10					< 10	< 10
CHRYSENE	< 10	< 0.1 uj	< 0.1	< 0.12	< 10	< 0.1	< 1 uj	< 1	< 0.1	< 10	< 10
DIBENZ(A,H)ANTHRACENE	< 10	< 0.1 uj	< 0.1		< 10	< 0.1	< 1 uj	< 1	< 0.1	< 10	< 10
Dibenzo(a,h)anthracene				< 0.49							
DIBENZOFURAN	< 10				< 10					< 10	< 10
DIETHYL PHTHALATE	< 10				< 10					< 10	< 10
DIMETHYL PHTHALATE	< 10				< 10					< 10	< 10
DI-N-BUTYL PHTHALATE	< 10				< 10					< 10	< 10
DI-N-OCTYL PHTHALATE	< 10				< 10					< 10	< 10
FLUORANTHENE	< 10	< 0.1 uj	< 0.1	< 0.12	< 10	< 0.1	< 1 uj	< 1	< 0.1	< 10	< 10
FLUORENE	< 10	< 1 uj	< 1	< 0.24	< 10	< 1	< 10 uj	< 10	< 1	< 10	< 10
HEXACHLOROBENZENE	< 10				< 10					< 10	< 10
HEXACHLOROBUTADIENE	< 10				< 10					< 10	< 10
HEXACHLOROCYCLOPENTADIENE	< 50				< 50					< 50	< 50
HEXACHLOROETHANE	< 10				< 10					< 10	< 10
INDENO(1,2,3-CD)PYRENE	< 10	< 0.1 uj	< 0.1	< 0.12	< 10	< 0.1	< 1 uj	< 1	< 0.1	< 10	< 10
ISOPHORONE	< 10				< 10					< 10	< 10
NAPHTHALENE	< 10	< 2 uj	< 1	< 1.2	< 10	< 2	< 20 uj	< 20	< 1	< 10	< 10
NITROBENZENE	< 10				< 10					< 10	< 10
N-NITROSODI-N-PROPYLAMINE	< 10				< 10					< 10	< 10
N-NITROSODIPHENYLAMINE	< 10				< 10					< 10	< 10
PENTACHLOROPHENOL	< 10				< 10					< 10	< 10
PHENANTHRENE	< 10	< 1 uj	< 1	< 0.098	< 10	< 1	< 10 uj	< 10	< 1	< 10	< 10
PHENOL	< 10				< 10					< 10	< 10
PYRENE	< 10	< 0.1 uj	< 0.1	< 0.24	< 10	< 0.1	< 1 uj	< 1	< 0.1	< 10	< 10

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
SVOCs = Semi-volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 37: SVOC Analytical Data From Monitoring W

Sample ID Sample Date (year-mm-dd) Sample Medium Analytical Method Reporting Units	MW01-04 DUP 2003-02-14 Upper CA Ground Water SW8270C µg/L	MW01-04CD 1999-05-12 Middle CA Ground Water SW8310 µg/L	MW01-04CD 1999-12-01 Middle CA Ground Water E610 µg/L	MW01-04CD 2000-06-07 Middle CA Ground Water SW8310 µg/L	MW01-04CD 2003-02-18 Middle CA Ground Water SW8270C µg/L	MW01-05 1998-11-05 Upper CA Ground Water SW8310 µg/L	MW01-05 DUP 1998-11-05 Upper CA Ground Water SW8310 µg/L	MW01-05 1999-05-12 Upper CA Ground Water SW8310 µg/L	MW01-05 1999-12-01 Upper CA Ground Water E610 µg/L	MW01-05 DUP 1999-12-01 Upper CA Ground Water E610 µg/L	MW01-05 2000-06-06 Upper CA Ground Water SW8270C µg/L
1,1'-BIPHENYL	< 10				< 10						
1,2,4-TRICHLOROBENZENE											< 10
1,2-DICHLOROBENZENE											< 10
1,3-DICHLOROBENZENE											< 10
1,4-DICHLOROBENZENE											< 10
1-METHYLNAPHTHALENE		< 2 uj	< 1			< 2	< 2	< 2 uj	< 1	< 1	
2,2'-OXYBIS(1-CHLOROPROPANE)	< 10				< 10						< 10
2,4,5-TRICHLOROPHENOL	< 10				< 10						< 10
2,4,6-TRICHLOROPHENOL	< 10				< 10						< 10
2,4-DICHLOROPHENOL	< 10				< 10						< 10
2,4-DIMETHYLPHENOL	< 10				< 10						< 10
2,4-DINITROPHENOL	< 50				< 50						< 50
2,4-DINITROTOLUENE	< 10				< 10						< 10
2,6-DINITROTOLUENE	< 10				< 10						< 10
2-CHLORONAPHTHALENE	< 10				< 10						< 10
2-CHLOROPHENOL	< 10				< 10						< 10
2-METHYLNAPHTHALENE	< 10	< 2 uj	< 1		< 10	< 2	< 2	< 2 uj	< 1	< 1	< 10
2-METHYLPHENOL	< 10				< 10						< 10
2-NITROANILINE	< 50				< 50						< 50
2-NITROPHENOL	< 10				< 10						< 10
3,3'-DICHLOROBENZIDINE	< 50				< 50						< 50
3-NITROANILINE	< 50				< 50						< 50
4,6-DINITRO-2-METHYLPHENOL	< 50				< 50						< 50
4-BROMOPHENYL PHENYL ETHER	< 10				< 10						< 10
4-CHLORO-3-METHYLPHENOL	< 10				< 10						< 10
4-CHLOROANILINE	< 10				< 10						< 10
4-CHLOROPHENYL PHENYL ETHER	< 10				< 10						< 10
4-METHYLPHENOL	< 10				< 10						< 10
4-NITROANILINE	< 50				< 50						< 50
4-NITROPHENOL	< 50				< 50						< 50
ACENAPHTHENE	< 10	< 1 uj	< 1	< 2.4	< 10	< 1	< 1	< 1 uj	< 1	< 1	< 10
ACENAPHTHYLENE	< 10	25 j	< 1	< 1.2	< 10	< 1	< 1	< 1 uj	< 1	< 1	< 10
ACETOPHENONE	< 10				< 10						
ANTHRACENE	< 10	< 2 uj	< 2	< 0.049	< 10	< 2	< 2	< 2 uj	< 2	< 2	< 10
ATRAZINE	< 10				< 10						
BENZALDEHYDE	< 10				< 10						
BENZO(A)ANTHRACENE	< 10	< 0.1 uj	< 0.1	< 0.12	< 10	< 0.1	< 0.1	< 0.1 uj	< 0.1	< 0.1	< 10
BENZO(A)PYRENE	< 10	< 0.1 uj	< 0.1	< 0.12	< 10	< 0.1	< 0.1	< 0.1 uj	< 0.1	< 0.1	< 10
BENZO(B)FLUORANTHENE	< 10	< 0.1 uj	< 0.1	< 0.049	< 10	< 0.1	< 0.1	< 0.1 uj	< 0.1	< 0.1	< 10
BENZO(GHI)PERYLENE	< 10	< 0.1 uj	< 0.1	< 0.2	< 10	< 0.1	< 0.1	< 0.1 uj	< 0.1	< 0.1	< 10
BENZO(K)FLUORANTHENE	< 10	< 0.05 uj	< 0.1	< 0.049	< 10	< 0.05	< 0.05	< 0.05 uj	< 0.1	< 0.1	< 10
BIS(2-CHLOROETHOXY)METHANE	< 10				< 10						< 10
BIS(2-CHLOROETHYL) ETHER	< 10				< 10						< 10
BIS(2-ETHYLHEXYL) PHTHALATE	< 10				< 10						< 10
BUTYL BENZYL PHTHALATE	< 10				< 10						< 10
CAPROLACTAM	< 10				< 10						
CARBAZOLE	< 10				< 10						< 10
CHRYSENE	< 10	< 0.1 uj	< 0.1	< 0.12	< 10	< 0.1	< 0.1	< 0.1 uj	< 0.1	< 0.1	< 10
DIBENZ(A,H)ANTHRACENE	< 10	< 0.1 uj	< 0.1		< 10	< 0.1	< 0.1	< 0.1 uj	< 0.1	< 0.1	< 10
Dibenzo(a,h)anthracene				< 0.49							
DIBENZOFURAN	< 10				< 10						< 10
DIETHYL PHTHALATE	< 10				< 10						< 10
DIMETHYL PHTHALATE	< 10				< 10						< 10
DI-N-BUTYL PHTHALATE	< 10				< 10						< 10
DI-N-OCTYL PHTHALATE	< 10				< 10						< 10
FLUORANTHENE	< 10	< 0.1 uj	< 0.1	< 0.12	< 10	< 0.1	< 0.1	< 0.1 uj	< 0.1	< 0.1	< 10
FLUORENE	< 10	< 1 uj	< 1	< 0.24	< 10	< 1	< 1	< 1 uj	< 1	< 1	< 10
HEXACHLOROBENZENE	< 10				< 10						< 10
HEXACHLOROBUTADIENE	< 10				< 10						< 10
HEXACHLOROCYCLOPENTADIENE	< 50				< 50						< 50
HEXACHLOROETHANE	< 10				< 10						< 10
INDENO(1,2,3-CD)PYRENE	< 10	< 0.1 uj	< 0.1	< 0.12	< 10	< 0.1	< 0.1	< 0.1 uj	< 0.1	< 0.1	< 10
ISOPHORONE	< 10				< 10						< 10
NAPHTHALENE	< 10	< 2 uj	< 1	< 1.2	< 10	< 2	< 2	< 2 uj	< 1	< 1	< 10
NITROBENZENE	< 10				< 10						< 10
N-NITROSODI-N-PROPYLAMINE	< 10				< 10						< 10
N-NITROSODIPHENYLAMINE	< 10				< 10						< 10
PENTACHLOROPHENOL	< 10				< 10						< 10
PHENANTHRENE	< 10	< 1 uj	< 1	< 0.098	< 10	< 1	< 1	< 1 uj	< 1	< 1	< 10
PHENOL	< 10				< 10						< 10
PYRENE	< 10	< 0.1 uj	< 0.1	< 0.24	< 10	< 0.1	< 0.1	< 0.1 uj	< 0.1	< 0.1	< 10

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
SVOCs = Semi-volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 37: SVOC Analytical Data From Monitoring W

Sample ID Sample Date (year-mm-dd) Sample Medium Analytical Method Reporting Units	MW01-05 2003-02-14 Upper CA Ground Water SW8270C µg/L	MW01-05CD 1999-05-12 Middle CA Ground Water SW8310 µg/L	MW01-05CD 1999-11-30 Middle CA Ground Water E610 µg/L	MW01-05CD 2000-06-06 Middle CA Ground Water SW8310 µg/L	MW01-05CD 2003-02-14 Middle CA Ground Water SW8270C µg/L	MW01-05CD 2003-05-07 Middle CA Ground Water SW8270C µg/L	MW01-06 1998-11-05 Upper CA Ground Water SW8310 µg/L	MW01-06 1999-05-13 Upper CA Ground Water SW8310 µg/L	MW01-06 1999-12-01 Upper CA Ground Water E610 µg/L	MW01-06 2000-06-05 Upper CA Ground Water SW8270C µg/L	MW01-06 2003-02-14 Upper CA Ground Water SW8270C µg/L
1,1'-BIPHENYL	< 10				< 10	< 10					< 10
1,2,4-TRICHLOROBENZENE										< 10	
1,2-DICHLOROBENZENE										< 10	
1,3-DICHLOROBENZENE										< 10	
1,4-DICHLOROBENZENE										< 10	
1-METHYLNAPHTHALENE		< 2 uj	< 1				< 2	< 2 uj	< 1		
2,2'-OXYBIS(1-CHLOROPROPANE)	< 10				< 10	< 10				< 10	< 10
2,4,5-TRICHLOROPHENOL	< 10				< 10	< 10				< 10	< 10
2,4,6-TRICHLOROPHENOL	< 10				< 10	< 10				< 10	< 10
2,4-DICHLOROPHENOL	< 10				< 10	< 10				< 10	< 10
2,4-DIMETHYLPHENOL	< 10				< 10	< 10				< 10	< 10
2,4-DINITROPHENOL	< 50				< 50	< 50				< 50	< 50
2,4-DINITROTOLUENE	< 10				< 10	< 10				< 10	< 10
2,6-DINITROTOLUENE	< 10				< 10	< 10				< 10	< 10
2-CHLORONAPHTHALENE	< 10				< 10	< 10				< 10	< 10
2-CHLOROPHENOL	< 10				< 10	< 10				< 10	< 10
2-METHYLNAPHTHALENE	< 10	< 2 uj	< 1		< 10	< 10	< 2	< 2 uj	< 1	< 10	< 10
2-METHYLPHENOL	< 10				< 10	< 10				< 10	< 10
2-NITROANILINE	< 50				< 50	< 50				< 50	< 50
2-NITROPHENOL	< 10				< 10	< 10				< 10	< 10
3,3'-DICHLOROBENZIDINE	< 50				< 50	< 50				< 50	< 50
3-NITROANILINE	< 50				< 50	< 50				< 50	< 50
4,6-DINITRO-2-METHYLPHENOL	< 50				< 50	< 50				< 50	< 50
4-BROMOPHENYL PHENYL ETHER	< 10				< 10	< 10				< 10	< 10
4-CHLORO-3-METHYLPHENOL	< 10				< 10	< 10				< 10	< 10
4-CHLOROANILINE	< 10				< 10	< 10				< 10	< 10
4-CHLOROPHENYL PHENYL ETHER	< 10				< 10	< 10				< 10	< 10
4-METHYLPHENOL	< 10				< 10	< 10				< 10	< 10
4-NITROANILINE	< 50				< 50	< 50				< 50	< 50
4-NITROPHENOL	< 50				< 50	< 50				< 50	< 50
ACENAPHTHENE	< 10	< 1 uj	< 1	< 2.5	< 10	< 10	< 1	< 1 uj	< 1	< 10	< 10
ACENAPHTHYLENE	< 10	< 1 uj	< 1	< 1.2	< 10	< 10	< 1	< 1 uj	< 1	< 10	< 10
ACETOPHENONE	< 10				< 10	< 10					< 10
ANTHRACENE	< 10	< 2 uj	< 2	< 0.05	< 10	< 10	< 2	< 2 uj	< 2	< 10	< 10
ATRAZINE	< 10				< 10	< 10					< 10
BENZALDEHYDE	< 10				< 10	< 10					< 10
BENZO(A)ANTHRACENE	< 10	< 0.1 uj	< 0.1	< 0.12	< 10	< 10	< 0.1	< 0.1 uj	< 0.1	< 10	< 10
BENZO(A)PYRENE	< 10	< 0.1 uj	< 0.1	< 0.12	< 10	< 10	< 0.1	< 0.1 uj	< 0.1	< 10	< 10
BENZO(B)FLUORANTHENE	< 10	< 0.1 uj	< 0.1	< 0.05	< 10	< 10	< 0.1	< 0.1 uj	< 0.1	< 10	< 10
BENZO(GHI)PERYLENE	< 10	< 0.1 uj	< 0.1	< 0.2	< 10	< 10	< 0.1	< 0.1 uj	< 0.1	< 10	< 10
BENZO(K)FLUORANTHENE	< 10	< 0.05 uj	< 0.1	< 0.05	< 10	< 10	< 0.05	< 0.05 uj	< 0.1	< 10	< 10
BIS(2-CHLOROETHOXY)METHANE	< 10				< 10	< 10				< 10	< 10
BIS(2-CHLOROETHYL) ETHER	< 10				< 10	< 10				< 10	< 10
BIS(2-ETHYLHEXYL) PHTHALATE	< 10				48	< 10				< 10	< 10
BUTYL BENZYL PHTHALATE	< 10				< 10	< 10				< 10	< 10
CAPROLACTAM	< 10				< 10	< 10					< 10
CARBAZOLE	< 10				< 10	< 10				< 10	< 10
CHRYSENE	< 10	< 0.1 uj	< 0.1	< 0.12	< 10	< 10	< 0.1	< 0.1 uj	< 0.1	< 10	< 10
DIBENZ(A,H)ANTHRACENE	< 10	< 0.1 uj	< 0.1		< 10	< 10	< 0.1	< 0.1 uj	< 0.1	< 10	< 10
Dibenzo(a,h)anthracene				< 0.5							
DIBENZOFURAN	< 10				< 10	< 10				< 10	< 10
DIETHYL PHTHALATE	< 10				< 10	< 10				< 10	< 10
DIMETHYL PHTHALATE	< 10				< 10	< 10				< 10	< 10
DI-N-BUTYL PHTHALATE	< 10				< 10	< 10				< 10	< 10
DI-N-OCTYL PHTHALATE	< 10				< 10	< 10				< 10	< 10
FLUORANTHENE	< 10	< 0.1 uj	< 0.1	< 0.12	< 10	< 10	< 0.1	< 0.1 uj	< 0.1	< 10	< 10
FLUORENE	< 10	< 1 uj	< 1	< 0.25	< 10	< 10	< 1	< 1 uj	< 1	< 10	< 10
HEXACHLOROBENZENE	< 10				< 10	< 10				< 10	< 10
HEXACHLOROBUTADIENE	< 10				< 10	< 10				< 10	< 10
HEXACHLOROCYCLOPENTADIENE	< 50				< 50	< 50				< 50	< 50
HEXACHLOROETHANE	< 10				< 10	< 10				< 10	< 10
INDENO(1,2,3-CD)PYRENE	< 10	< 0.1 uj	< 0.1	< 0.12	< 10	< 10	< 0.1	< 0.1 uj	< 0.1	< 10	< 10
ISOPHORONE	< 10				< 10	< 10				< 10	< 10
NAPHTHALENE	< 10	< 2 uj	< 1	< 1.2	< 10	< 10	< 2	< 2 uj	< 1	< 10	< 10
NITROBENZENE	< 10				< 10	< 10				< 10	< 10
N-NITROSODI-N-PROPYLAMINE	< 10				< 10	< 10				< 10	< 10
N-NITROSODIPHENYLAMINE	< 10				< 10	< 10				< 10	< 10
PENTACHLOROPHENOL	< 10				< 10	< 10				< 10	< 10
PHENANTHRENE	< 10	< 1 uj	< 1	< 0.099	< 10	< 10	< 1	< 1 uj	< 1	< 10	< 10
PHENOL	< 10				< 10	< 10				< 10	< 10
PYRENE	< 10	< 0.1 uj	< 0.1	< 0.25	< 10	< 10	< 0.1	< 0.1 uj	< 0.1	< 10	< 10

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
SVOCs = Semi-volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 37: SVOC Analytical Data From Monitoring W

Sample ID Sample Date (year-mm-dd) Sample Medium Analytical Method Reporting Units	MW01-07 1999-03-26 Upper CA Ground Water SW8310 µg/L	MW01-07 1999-05-12 Upper CA Ground Water SW8310 µg/L	MW01-07 1999-11-30 Upper CA Ground Water E610 µg/L	MW01-07 2000-06-05 Upper CA Ground Water SW8270C µg/L	MW01-07 2003-02-12 Upper CA Ground Water SW8270C µg/L	MW01-08 1999-03-26 Upper CA Ground Water SW8310 µg/L	MW01-08 1999-05-12 Upper CA Ground Water SW8310 µg/L	MW01-08 1999-11-30 Upper CA Ground Water E610 µg/L	MW01-08 2000-06-05 Upper CA Ground Water SW8310 µg/L	MW01-08 2003-02-13 Upper CA Ground Water SW8270C µg/L	MW01-08 2003-05-06 Upper CA Ground Water SW8270C µg/L	MW01-09 1999-03-26 Upper CA Ground Water SW8310 µg/L
1,1'-BIPHENYL					< 10					< 25	< 10	
1,2,4-TRICHLOROBENZENE				< 10								
1,2-DICHLOROBENZENE				< 10								
1,3-DICHLOROBENZENE				< 10								
1,4-DICHLOROBENZENE				< 10								
1-METHYLNAPHTHALENE	< 2	< 2 uj	< 1			< 2	< 2 uj	< 1				< 2
2,2'-OXYBIS(1-CHLOROPROPANE)				< 10	< 10					< 25	< 10	
2,4,5-TRICHLOROPHENOL				< 10	< 10					< 25	< 10	
2,4,6-TRICHLOROPHENOL				< 10	< 10					< 25	< 10	
2,4-DICHLOROPHENOL				< 10	< 10					< 25	< 10	
2,4-DIMETHYLPHENOL				< 10	< 10					< 25	< 10	
2,4-DINITROPHENOL				< 50	< 50					< 50	< 50	
2,4-DINITROTOLUENE				< 10	< 10					< 25	< 10	
2,6-DINITROTOLUENE				< 10	< 10					< 25	< 10	
2-CHLORONAPHTHALENE				< 10	< 10					< 25	< 10	
2-CHLOROPHENOL				< 10	< 10					< 25	< 10	
2-METHYLNAPHTHALENE	< 2	< 2 uj	< 1	< 10	< 10	< 2	< 2 uj	< 1		< 25	< 10	< 2
2-METHYLPHENOL				< 10	< 10					< 25	< 10	
2-NITROANILINE				< 50	< 50					< 50	< 50	
2-NITROPHENOL				< 10	< 10					< 25	< 10	
3,3'-DICHLOROBENZIDINE				< 50	< 50					< 50	< 50	
3-NITROANILINE				< 50	< 50					< 50	< 50	
4,6-DINITRO-2-METHYLPHENOL				< 50	< 50					< 50	< 50	
4-BROMOPHENYL PHENYL ETHER				< 10	< 10					< 25	< 10	
4-CHLORO-3-METHYLPHENOL				< 10	< 10					< 25	< 10	
4-CHLOROANILINE				< 10	< 10					< 25	< 10	
4-CHLOROPHENYL PHENYL ETHER				< 10	< 10					< 25	< 10	
4-METHYLPHENOL				< 10	< 10					< 25	< 10	
4-NITROANILINE				< 50	< 50					< 50	< 50	
4-NITROPHENOL				< 50	< 50					< 50	< 50	
ACENAPHTHENE	< 1	< 1 uj	< 1	< 10	< 10	< 1	< 1 uj	< 1	< 2.4	< 25	< 10	< 1
ACENAPHTHYLENE	< 1	< 1 uj	< 1	< 10	< 10	< 1	< 1 uj	< 1	< 1.2	< 25	< 10	< 1
ACETOPHENONE					< 10					< 25	< 10	
ANTHRACENE	< 2	< 2 uj	< 2	< 10	< 10	< 2	< 2 uj	< 2	< 0.047	< 25	< 10	< 2
ATRAZINE					< 10					< 25	< 10	
BENZALDEHYDE					< 10					< 25	< 10	
BENZO(A)ANTHRACENE	< 0.1	< 0.1 uj	< 0.1	< 10	< 10	< 0.1	< 0.1 uj	< 0.1	< 0.12	< 25	< 10	< 0.1
BENZO(A)PYRENE	< 0.1	< 0.1 uj	< 0.1	< 10	< 10	< 0.1	< 0.1 uj	< 0.1	< 0.12	< 25	< 10	< 0.1
BENZO(B)FLUORANTHENE	< 0.1	< 0.1 uj	< 0.1	< 10	< 10	< 0.1	< 0.1 uj	< 0.1	< 0.047	< 25	< 10	< 0.1
BENZO(GHI)PERYLENE	< 0.1	< 0.1 uj	< 0.1	< 10	< 10	< 0.1	< 0.1 uj	< 0.1	< 0.19	< 25	< 10	< 0.1
BENZO(K)FLUORANTHENE	< 0.05	< 0.05 uj	< 0.1	< 10	< 10	< 0.05	< 0.05 uj	< 0.1	< 0.047	< 25	< 10	< 0.05
BIS(2-CHLOROETHOXY)METHANE				< 10	< 10					< 25	< 10	
BIS(2-CHLOROETHYL) ETHER				< 10	< 10					< 25	< 10	
BIS(2-ETHYLHEXYL) PHTHALATE				< 10	< 10					68 E j	3 J	
BUTYL BENZYL PHTHALATE				< 10	< 10					< 25	< 10	
CAPROLACTAM					< 10					< 25	< 10	
CARBAZOLE				< 10	< 10					< 25	< 10	
CHRYSENE	< 0.1	< 0.1 uj	< 0.1	< 10	< 10	< 0.1	< 0.1 uj	< 0.1	< 0.12	< 25	< 10	< 0.1
DIBENZ(A,H)ANTHRACENE	< 0.1	< 0.1 uj	< 0.1	< 10	< 10	< 0.1	< 0.1 uj	< 0.1		< 25	< 10	< 0.1
Dibenzo(a,h)anthracene									< 0.47			
DIBENZOFURAN				< 10	< 10					< 25	< 10	
DIETHYL PHTHALATE				< 10	< 10					< 25	< 10	
DIMETHYL PHTHALATE				< 10	< 10					< 25	< 10	
DI-N-BUTYL PHTHALATE				< 10	< 10					< 25	< 10	
DI-N-OCTYL PHTHALATE				< 10	< 10					< 25	< 10	
FLUORANTHENE	< 0.1	< 0.1 uj	< 0.1	< 10	< 10	< 0.1	< 0.1 uj	< 0.1	< 0.12	< 25	< 10	< 0.1
FLUORENE	< 1	< 1 uj	< 1	< 10	< 10	< 1	< 1 uj	< 1	< 0.24	< 25	< 10	< 1
HEXACHLOROBENZENE				< 10	< 10					< 25	< 10	
HEXACHLOROBUTADIENE				< 10	< 10					< 25	< 10	
HEXACHLOROCYCLOPENTADIENE				< 50	< 50					< 50	< 50	
HEXACHLOROETHANE				< 10	< 10					< 25	< 10	
INDENO(1,2,3-CD)PYRENE	< 0.1	< 0.1 uj	< 0.1	< 10	< 10	< 0.1	< 0.1 uj	< 0.1	< 0.12	< 25	< 10	< 0.1
ISOPHORONE				< 10	< 10					< 25	< 10	
NAPHTHALENE	< 2	< 2 uj	< 1	< 10	< 10	< 2	< 2 uj	< 1	< 1.2	< 25	< 10	< 2
NITROBENZENE				< 10	< 10					< 25	< 10	
N-NITROSODI-N-PROPYLAMINE				< 10	< 10					< 25	< 10	
N-NITROSODIPHENYLAMINE				< 10	< 10					< 25	< 10	
PENTACHLOROPHENOL				< 10	< 10					< 25	< 10	
PHENANTHRENE	< 1	< 1 uj	< 1	< 10	< 10	< 1	< 1 uj	< 1	< 0.094	< 25	< 10	< 1
PHENOL				< 10	< 10					< 25	< 10	
PYRENE	< 0.1	< 0.1 uj	< 0.1	< 10	< 10	< 0.1	< 0.1 uj	< 0.1	< 0.24	< 25	< 10	< 0.1

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
SVOCs = Semi-volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 37: SVOC Analytical Data From Monitoring W

Sample ID Sample Date (year-mm-dd) Sample Medium Analytical Method Reporting Units	MW01-09 1999-05-12 Upper CA Ground Water SW8310 µg/L	MW01-09 1999-11-30 Upper CA Ground Water E610 µg/L	MW01-09 2000-06-06 Upper CA Ground Water SW8270C µg/L	MW01-09 2003-02-13 Upper CA Ground Water SW8270C µg/L	MW01-09 2003-05-06 Upper CA Ground Water SW8270C µg/L	MW01-10 1999-03-26 Upper CA Ground Water SW8310 µg/L	MW01-10 DUP 1999-03-26 Upper CA Ground Water SW8310 µg/L	MW01-10 1999-05-13 Upper CA Ground Water SW8310 µg/L	MW01-10 1999-12-01 Upper CA Ground Water E610 µg/L	MW01-10 2000-06-06 Upper CA Ground Water SW8270C µg/L	MW01-10 2003-02-14 Upper CA Ground Water SW8270C µg/L	MW01-10 DUP 2003-02-14 Upper CA Ground Water SW8270C µg/L
1,1'-BIPHENYL				< 10	< 10						< 10	< 10
1,2,4-TRICHLOROBENZENE			< 10							< 10		
1,2-DICHLOROBENZENE			< 10							< 10		
1,3-DICHLOROBENZENE			< 10							< 10		
1,4-DICHLOROBENZENE			< 10							< 10		
1-METHYLNAPHTHALENE	< 2 uj	< 1				< 2	< 2	< 2 uj	< 1			
2,2'-OXYBIS(1-CHLOROPROPANE)			< 10	< 10	< 10					< 10	< 10	< 10
2,4,5-TRICHLOROPHENOL			< 10	< 10	< 10					< 10	< 10	< 10
2,4,6-TRICHLOROPHENOL			< 10	< 10	< 10					< 10	< 10	< 10
2,4-DICHLOROPHENOL			< 10	< 10	< 10					< 10	< 10	< 10
2,4-DIMETHYLPHENOL			< 10	< 10	< 10					< 10	< 10	< 10
2,4-DINITROPHENOL			< 50	< 50	< 50					< 50	< 50	< 50
2,4-DINITROTOLUENE			< 10	< 10	< 10					< 10	< 10	< 10
2,6-DINITROTOLUENE			< 10	< 10	< 10					< 10	< 10	< 10
2-CHLORONAPHTHALENE			< 10	< 10	< 10					< 10	< 10	< 10
2-CHLOROPHENOL			< 10	< 10	< 10					< 10	< 10	< 10
2-METHYLNAPHTHALENE	< 2 uj	< 1	< 10	< 10	< 10	< 2	< 2	< 2 uj	< 1	< 10	< 10	< 10
2-METHYLPHENOL			< 10	< 10	< 10					< 10	< 10	< 10
2-NITROANILINE			< 50	< 50	< 50					< 50	< 50	< 50
2-NITROPHENOL			< 10	< 10	< 10					< 10	< 10	< 10
3,3'-DICHLOROBENZIDINE			< 50	< 50	< 50					< 50	< 50	< 50
3-NITROANILINE			< 50	< 50	< 50					< 50	< 50	< 50
4,6-DINITRO-2-METHYLPHENOL			< 50	< 50	< 50					< 50	< 50	< 50
4-BROMOPHENYL PHENYL ETHER			< 10	< 10	< 10					< 10	< 10	< 10
4-CHLORO-3-METHYLPHENOL			< 10	< 10	< 10					< 10	< 10	< 10
4-CHLOROANILINE			< 10	< 10	< 10					< 10	< 10	< 10
4-CHLOROPHENYL PHENYL ETHER			< 10	< 10	< 10					< 10	< 10	< 10
4-METHYLPHENOL			< 10	< 10	< 10					< 10	< 10	< 10
4-NITROANILINE			< 50	< 50	< 50					< 50	< 50	< 50
4-NITROPHENOL			< 50	< 50	< 50					< 50	< 50	< 50
ACENAPHTHENE	< 1 uj	< 1	< 10	< 10	< 10	< 1	< 1	< 1 uj	< 1	< 10	< 10	< 10
ACENAPHTHYLENE	< 1 uj	< 1	< 10	< 10	< 10	8.6	6.5	11 j	< 1	< 10	< 10	< 10
ACETOPHENONE				< 10	< 10						< 10	< 10
ANTHRACENE	< 2 uj	< 2	< 10	< 10	< 10	< 2	< 2	< 2 uj	< 2	< 10	< 10	< 10
ATRAZINE				< 10	< 10						< 10	< 10
BENZALDEHYDE				< 10	< 10						< 10	< 10
BENZO(A)ANTHRACENE	< 0.1 uj	< 0.1	< 10	< 10	< 10	< 0.1	< 0.1	< 0.1 uj	< 0.1	< 10	< 10	< 10
BENZO(A)PYRENE	< 0.1 uj	< 0.1	< 10	< 10	< 10	< 0.1	< 0.1	< 0.1 uj	< 0.1	< 10	< 10	< 10
BENZO(B)FLUORANTHENE	< 0.1 uj	< 0.1	< 10	< 10	< 10	< 0.1	< 0.1	< 0.1 uj	< 0.1	< 10	< 10	< 10
BENZO(GHI)PERYLENE	< 0.1 uj	< 0.1	< 10	< 10	< 10	< 0.1	< 0.1	< 0.1 uj	< 0.1	< 10	< 10	< 10
BENZO(K)FLUORANTHENE	< 0.05 uj	< 0.1	< 10	< 10	< 10	< 0.05	< 0.05	< 0.05 uj	< 0.1	< 10	< 10	< 10
BIS(2-CHLOROETHOXY)METHANE			< 10	< 10	< 10					< 10	< 10	< 10
BIS(2-CHLOROETHYL) ETHER			< 10	< 10	< 10					< 10	< 10	< 10
BIS(2-ETHYLHEXYL) PHTHALATE			< 10	3.3 J	< 10					< 10	< 10	< 10
BUTYL BENZYL PHTHALATE			< 10	< 10	< 10					< 10	< 10	< 10
CAPROLACTAM				< 10	< 10						< 10	< 10
CARBAZOLE			< 10	< 10	< 10					< 10	< 10	< 10
CHRYSENE	< 0.1 uj	< 0.1	< 10	< 10	< 10	< 0.1	< 0.1	< 0.1 uj	< 0.1	< 10	< 10	< 10
DIBENZ(A,H)ANTHRACENE	< 0.1 uj	< 0.1	< 10	< 10	< 10	< 0.1	< 0.1	< 0.1 uj	< 0.1	< 10	< 10	< 10
Dibenzo(a,h)anthracene												
DIBENZOFURAN			< 10	< 10	< 10					< 10	< 10	< 10
DIETHYL PHTHALATE			< 10	< 10	< 10					< 10	< 10	< 10
DIMETHYL PHTHALATE			< 10	< 10	< 10					< 10	< 10	< 10
DI-N-BUTYL PHTHALATE			< 10	< 10	< 10					< 10	< 10	< 10
DI-N-OCTYL PHTHALATE			< 10	< 10	< 10					< 10	< 10	< 10
FLUORANTHENE	< 0.1 uj	< 0.1	< 10	< 10	< 10	< 0.1	< 0.1	< 0.1 uj	< 0.1	< 10	< 10	< 10
FLUORENE	< 1 uj	< 1	< 10	< 10	< 10	< 1	< 1	< 1 uj	< 1	< 10	< 10	< 10
HEXACHLOROBENZENE			< 10	< 10	< 10					< 10	< 10	< 10
HEXACHLOROBUTADIENE			< 10	< 10	< 10					< 10	< 10	< 10
HEXACHLOROCYCLOPENTADIENE			< 50	< 50	< 50					< 50	< 50	< 50
HEXACHLOROETHANE			< 10	< 10	< 10					< 10	< 10	< 10
INDENO(1,2,3-CD)PYRENE	< 0.1 uj	< 0.1	< 10	< 10	< 10	< 0.1	< 0.1	< 0.1 uj	< 0.1	< 10	< 10	< 10
ISOPHORONE			< 10	< 10	< 10					< 10	< 10	< 10
NAPHTHALENE	< 2 uj	< 1	< 10	< 10	< 10	< 2	< 2	< 2 uj	< 1	< 10	< 10	< 10
NITROBENZENE			< 10	< 10	< 10					< 10	< 10	< 10
N-NITROSODI-N-PROPYLAMINE			< 10	< 10	< 10					< 10	< 10	< 10
N-NITROSODIPHENYLAMINE			< 10	< 10	< 10					< 10	< 10	< 10
PENTACHLOROPHENOL			< 10	< 10	< 10					< 10	< 10	< 10
PHENANTHRENE	< 1 uj	< 1	< 10	< 10	< 10	< 1	< 1	< 1 uj	< 1	< 10	< 10	< 10
PHENOL			< 10	< 10	< 10					< 10	< 10	< 10
PYRENE	< 0.1 uj	< 0.1	< 10	< 10	< 10	< 0.1	< 0.1	< 0.1 uj	< 0.1	< 10	< 10	< 10

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
SVOCs = Semi-volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 37: SVOC Analytical Data From Monitoring W

Sample ID Sample Date (year-mm-dd) Sample Medium Analytical Method Reporting Units	MW01-11 1999-05-21 Upper CA Ground Water SW8310 µg/L	MW01-11 1999-12-01 Upper CA Ground Water E610 µg/L	MW01-11 2000-06-06 Upper CA Ground Water SW8270C µg/L	MW01-11 2003-02-14 Upper CA Ground Water SW8270C µg/L	MW01-12 1999-12-01 Sanitary Backfill E610 µg/L	MW01-12 2000-06-05 Sanitary Backfill SW8310 µg/L	MW01-12 2003-02-13 Sanitary Backfill SW8270C µg/L	MW01-12 2003-05-07 Sanitary Backfill SW8270C µg/L	MW01-13 1999-11-30 Storm Backfill E610 µg/L	MW01-13 2000-06-06 Storm Backfill SW8270C µg/L
1,1'-BIPHENYL				< 10			< 10	< 10		
1,2,4-TRICHLOROBENZENE			< 10							< 10
1,2-DICHLOROBENZENE			< 10							< 10
1,3-DICHLOROBENZENE			< 10							< 10
1,4-DICHLOROBENZENE			< 10							< 10
1-METHYLNAPHTHALENE	< 2 uj	< 1			< 1				< 1	
2,2'-OXYBIS(1-CHLOROPROPANE)			< 10	< 10			< 10	< 10		< 10
2,4,5-TRICHLOROPHENOL			< 10	< 10			< 10	< 10		< 10
2,4,6-TRICHLOROPHENOL			< 10	< 10			< 10	< 10		< 10
2,4-DICHLOROPHENOL			< 10	< 10			< 10	< 10		< 10
2,4-DIMETHYLPHENOL			< 10	< 10			< 10	< 10		< 10
2,4-DINITROPHENOL			< 50	< 50			< 50	< 50		< 50
2,4-DINITROTOLUENE			< 10	< 10			< 10	< 10		< 10
2,6-DINITROTOLUENE			< 10	< 10			< 10	< 10		< 10
2-CHLORONAPHTHALENE			< 10	< 10			< 10	< 10		< 10
2-CHLOROPHENOL			< 10	< 10			< 10	< 10		< 10
2-METHYLNAPHTHALENE	< 2 uj	< 1	< 10	< 10	< 1		< 10	< 10	< 1	< 10
2-METHYLPHENOL			< 10	< 10			< 10	< 10		< 10
2-NITROANILINE			< 50	< 50			< 50	< 50		< 50
2-NITROPHENOL			< 10	< 10			< 10	< 10		< 10
3,3'-DICHLOROBENZIDINE			< 50	< 50			< 50	< 50		< 50
3-NITROANILINE			< 50	< 50			< 50	< 50		< 50
4,6-DINITRO-2-METHYLPHENOL			< 50	< 50			< 50	< 50		< 50
4-BROMOPHENYL PHENYL ETHER			< 10	< 10			< 10	< 10		< 10
4-CHLORO-3-METHYLPHENOL			< 10	< 10			< 10	< 10		< 10
4-CHLOROANILINE			< 10	< 10			< 10	< 10		< 10
4-CHLOROPHENYL PHENYL ETHER			< 10	< 10			< 10	< 10		< 10
4-METHYLPHENOL			< 10	< 10			< 10	< 10		< 10
4-NITROANILINE			< 50	< 50			< 50	< 50		< 50
4-NITROPHENOL			< 50	< 50			< 50	< 50		< 50
ACENAPHTHENE	< 1 uj	< 1	< 10	< 10	< 1	< 2.5	< 10	< 10	< 1	< 10
ACENAPHTHYLENE	< 1 uj	< 1	< 10	< 10	< 1	< 1.2	< 10	< 10	< 1	< 10
ACETOPHENONE				< 10			< 10	< 10		
ANTHRACENE	< 2 uj	< 2	< 10	< 10	< 2	< 0.05	< 10	< 10	< 2	< 10
ATRAZINE				< 10			< 10	< 10		
BENZALDEHYDE				< 10			< 10	< 10		
BENZO(A)ANTHRACENE	< 0.1 uj	< 0.1	< 10	< 10	< 0.1	< 0.12	< 10	< 10	< 0.1	< 10
BENZO(A)PYRENE	< 0.1 uj	< 0.1	< 10	< 10	< 0.1	< 0.12	< 10	< 10	< 0.1	< 10
BENZO(B)FLUORANTHENE	< 0.1 uj	< 0.1	< 10	< 10	< 0.1	< 0.05	< 10	< 10	< 0.1	< 10
BENZO(GHI)PERYLENE	< 0.1 uj	< 0.1	< 10	< 10	< 0.1	< 0.2	< 10	< 10	< 0.1	< 10
BENZO(K)FLUORANTHENE	< 0.05 uj	< 0.1	< 10	< 10	< 0.1	< 0.05	< 10	< 10	< 0.1	< 10
BIS(2-CHLOROETHOXY)METHANE			< 10	< 10			< 10	< 10		< 10
BIS(2-CHLOROETHYL) ETHER			< 10	< 10			< 10	< 10		< 10
BIS(2-ETHYLHEXYL) PHTHALATE			< 10	< 10			8.7 J	< 10		< 10
BUTYL BENZYL PHTHALATE			< 10	< 10			< 10	< 10		< 10
CAPROLACTAM				< 10			< 10	< 10		
CARBAZOLE			< 10	< 10			< 10	< 10		< 10
CHRYSENE	< 0.1 uj	< 0.1	< 10	< 10	< 0.1	< 0.12	< 10	< 10	< 0.1	< 10
DIBENZ(A,H)ANTHRACENE	< 0.1 uj	< 0.1	< 10	< 10	< 0.1		< 10	< 10	< 0.1	< 10
Dibenzo(a,h)anthracene						< 0.5				
DIBENZOFURAN			< 10	< 10			< 10	< 10		< 10
DIETHYL PHTHALATE			< 10	< 10			< 10	< 10		< 10
DIMETHYL PHTHALATE			< 10	< 10			< 10	< 10		< 10
DI-N-BUTYL PHTHALATE			< 10	< 10			< 10	< 10		< 10
DI-N-OCTYL PHTHALATE			< 10	< 10			< 10	< 10		< 10
FLUORANTHENE	< 0.1 uj	< 0.1	< 10	< 10	< 0.1	< 0.12	< 10	< 10	< 0.1	< 10
FLUORENE	< 1 uj	< 1	< 10	< 10	< 1	< 0.25	< 10	< 10	< 1	< 10
HEXACHLOROBENZENE			< 10	< 10			< 10	< 10		< 10
HEXACHLOROBUTADIENE			< 10	< 10			< 10	< 10		< 10
HEXACHLOROCYCLOPENTADIENE			< 50	< 50			< 50	< 50		< 50
HEXACHLOROETHANE			< 10	< 10			< 10	< 10		< 10
INDENO(1,2,3-CD)PYRENE	< 0.1 uj	< 0.1	< 10	< 10	< 0.1	< 0.12	< 10	< 10	< 0.1	< 10
ISOPHORONE			< 10	< 10			< 10	< 10		< 10
NAPHTHALENE	< 2 uj	< 1	< 10	< 10	< 1	< 1.2	< 10	< 10	< 1	< 10
NITROBENZENE			< 10	< 10			< 10	< 10		< 10
N-NITROSODI-N-PROPYLAMINE			< 10	< 10			< 10	< 10		< 10
N-NITROSODIPHENYLAMINE			< 10	< 10			< 10	< 10		< 10
PENTACHLOROPHENOL			< 10	< 10			< 10	< 10		< 10
PHENANTHRENE	< 1 uj	< 1	< 10	< 10	< 1	< 0.1	< 10	< 10	< 1	< 10
PHENOL			< 10	< 10			< 10	< 10		< 10
PYRENE	< 0.1 uj	0.17	< 10	< 10	< 0.1	< 0.25	< 10	< 10	< 0.1	< 10

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
SVOCs = Semi-volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 37: SVOC Analytical Data From Monitoring W

Sample ID Sample Date (year-mm-dd) Sample Medium Analytical Method Reporting Units	MW01-13 2003-02-18 Storm Backfill SW8270C µg/L	MW01-14 2000-06-07 Upper CA Ground Water SW8310 µg/L	MW02-01 2000-06-06 Upper CA Ground Water SW8310 µg/L	MW02-01 2003-02-19 Upper CA Ground Water SW8270C µg/L	MW02-02 1999-11-30 Upper CA Ground Water E610 µg/L	MW02-02 DUP 1999-11-30 Upper CA Ground Water E610 µg/L	MW02-02 2000-06-06 Upper CA Ground Water SW8310 µg/L	MW02-02 2003-02-19 Upper CA Ground Water SW8270C µg/L	MW02-03 1999-12-01 Upper CA Ground Water E610 µg/L	MW02-03 2000-06-07 Upper CA Ground Water SW8310 µg/L	MW02-03 2003-02-19 Upper CA Ground Water SW8270C µg/L	MW02-04 2000-06-07 Upper CA Ground Water SW8310 µg/L
1,1'-BIPHENYL	< 10			< 10				< 10			< 10	
1,2,4-TRICHLOROBENZENE												
1,2-DICHLOROBENZENE												
1,3-DICHLOROBENZENE												
1,4-DICHLOROBENZENE												
1-METHYLNAPHTHALENE					< 1	< 1			< 1			
2,2'-OXYBIS(1-CHLOROPROPANE)	< 10			< 10				< 10			< 10	
2,4,5-TRICHLOROPHENOL	< 10			< 10				< 10			< 10	
2,4,6-TRICHLOROPHENOL	< 10			< 10				< 10			< 10	
2,4-DICHLOROPHENOL	< 10			< 10				< 10			< 10	
2,4-DIMETHYLPHENOL	< 10			< 10				< 10			< 10	
2,4-DINITROPHENOL	< 50			< 50				< 50			< 50	
2,4-DINITROTOLUENE	< 10			< 10				< 10			< 10	
2,6-DINITROTOLUENE	< 10			< 10				< 10			< 10	
2-CHLORONAPHTHALENE	< 10			< 10				< 10			< 10	
2-CHLOROPHENOL	< 10			< 10				< 10			< 10	
2-METHYLNAPHTHALENE	< 10			< 10	< 1	< 1		< 10	< 1		< 10	
2-METHYLPHENOL	< 10			< 10				< 10			< 10	
2-NITROANILINE	< 50			< 50				< 50			< 50	
2-NITROPHENOL	< 10			< 10				< 10			< 10	
3,3'-DICHLOROBENZIDINE	< 50			< 50				< 50			< 50	
3-NITROANILINE	< 50			< 50				< 50			< 50	
4,6-DINITRO-2-METHYLPHENOL	< 50			< 50				< 50			< 50	
4-BROMOPHENYL PHENYL ETHER	< 10			< 10				< 10			< 10	
4-CHLORO-3-METHYLPHENOL	< 10			< 10				< 10			< 10	
4-CHLOROANILINE	< 10			< 10				< 10			< 10	
4-CHLOROPHENYL PHENYL ETHER	< 10			< 10				< 10			< 10	
4-METHYLPHENOL	< 10			< 10				< 10			< 10	
4-NITROANILINE	< 50			< 50				< 50			< 50	
4-NITROPHENOL	< 50			< 50				< 50			< 50	
ACENAPHTHENE	< 10	< 2.4	< 2.5	< 10	< 1	< 1	< 2.7	< 10	< 1	< 2.7	< 10	< 2.8
ACENAPHTHYLENE	< 10	< 1.2	< 1.2	< 10	< 1	< 1	< 1.3	< 10	< 1	< 1.4	< 10	< 1.4
ACETOPHENONE	< 10			< 10				< 10			< 10	
ANTHRACENE	< 10	< 0.049	< 0.05	< 10	< 2	< 2	< 0.054	< 10	< 2	< 0.054	< 10	< 0.056
ATRAZINE	< 10			< 10				< 10			< 10	
BENZALDEHYDE	< 10			< 10				< 10			< 10	
BENZO(A)ANTHRACENE	< 10	< 0.12	< 0.12	< 10	< 0.1	< 0.1	< 0.13	< 10	< 0.1	< 0.14	< 10	< 0.14
BENZO(A)PYRENE	< 10	< 0.12	< 0.12	< 10	< 0.1	< 0.1	< 0.13	< 10	< 0.1	< 0.14	< 10	< 0.14
BENZO(B)FLUORANTHENE	< 10	< 0.049	< 0.05	< 10	< 0.1	< 0.1	< 0.054	< 10	< 0.1	< 0.054	< 10	< 0.056
BENZO(GHI)PERYLENE	< 10	< 0.2	< 0.2	< 10	< 0.1	< 0.1	< 0.22	< 10	< 0.1	< 0.22	< 10	< 0.22
BENZO(K)FLUORANTHENE	< 10	< 0.049	< 0.05	< 10	< 0.1	< 0.1	< 0.054	< 10	< 0.1	< 0.054	< 10	< 0.056
BIS(2-CHLOROETHOXY)METHANE	< 10			< 10				< 10			< 10	
BIS(2-CHLOROETHYL) ETHER	< 10			< 10				< 10			< 10	
BIS(2-ETHYLHEXYL) PHTHALATE	< 10			< 10				< 10			< 10	
BUTYL BENZYL PHTHALATE	< 10			< 10				< 10			< 10	
CAPROLACTAM	< 10			< 10				< 10			< 10	
CARBAZOLE	< 10			< 10				< 10			< 10	
CHRYSENE	< 10	< 0.12	< 0.12	< 10	< 0.1	< 0.1	< 0.13	< 10	< 0.1	< 0.14	< 10	< 0.14
DIBENZ(A,H)ANTHRACENE	< 10			< 10	< 0.1	< 0.1		< 10	< 0.1		< 10	
Dibenzo(a,h)anthracene		< 0.49	< 0.5				< 0.54			< 0.54		< 0.56
DIBENZOFURAN	< 10			< 10				< 10			< 10	
DIETHYL PHTHALATE	< 10			< 10				< 10			< 10	
DIMETHYL PHTHALATE	< 10			< 10				< 10			< 10	
DI-N-BUTYL PHTHALATE	< 10			< 10				< 10			< 10	
DI-N-OCTYL PHTHALATE	< 10			< 10				< 10			< 10	
FLUORANTHENE	< 10	< 0.12	< 0.12	< 10	< 0.1	< 0.1	< 0.13	< 10	< 0.1	< 0.14	< 10	< 0.14
FLUORENE	< 10	< 0.24	< 0.25	< 10	< 1	< 1	< 0.27	< 10	< 1	< 0.27	< 10	< 0.28
HEXACHLOROBENZENE	< 10			< 10				< 10			< 10	
HEXACHLOROBUTADIENE	< 10			< 10				< 10			< 10	
HEXACHLOROCYCLOPENTADIENE	< 50			< 50				< 50			< 50	
HEXACHLOROETHANE	< 10			< 10				< 10			< 10	
INDENO(1,2,3-CD)PYRENE	< 10	< 0.12	< 0.12	< 10	< 0.1	< 0.1	< 0.13	< 10	< 0.1	< 0.14	< 10	< 0.14
ISOPHORONE	< 10			< 10				< 10			< 10	
NAPHTHALENE	< 10	< 1.2	< 1.2	< 10	< 1	< 1	< 1.3	< 10	< 1	< 1.4	< 10	< 1.4
NITROBENZENE	< 10			< 10				< 10			< 10	
N-NITROSODI-N-PROPYLAMINE	< 10			< 10				< 10			< 10	
N-NITROSODIPHENYLAMINE	< 10			< 10				< 10			< 10	
PENTACHLOROPHENOL	< 10			< 10				< 10			< 10	
PHENANTHRENE	< 10	< 0.098	< 0.1	< 10	< 1	< 1	< 0.11	< 10	< 1	< 0.11	< 10	< 0.11
PHENOL	< 10			< 10				< 10			< 10	
PYRENE	< 10	< 0.24	< 0.25	< 10	< 0.1	< 0.1	< 0.27	< 10	< 0.1	< 0.27	< 10	< 0.28

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
SVOCs = Semi-volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter

The Payne Firm, Inc.

Vernay Laboratories, Inc.

Plant 2/3 Facility
Yellow Springs, Ohio
Project No. 0292.11.31

TABLE 37: SVOC Analytical Data From Monitoring W

Sample ID Sample Date (year-mm-dd) Sample Medium Analytical Method Reporting Units	MW02-04 2003-02-19 Upper CA Ground Water SW8270C µg/L	MW02-05 2000-06-07 Upper CA Ground Water SW8310 µg/L	MW02-05 2003-02-19 Upper CA Ground Water SW8270C µg/L	MW02-06 1999-11-30 Upper CA Ground Water E610 µg/L	MW02-06 2000-06-07 Upper CA Ground Water SW8310 µg/L	MW02-06 2003-02-19 Upper CA Ground Water SW8270C µg/L	MW02-07 2000-06-07 Upper CA Ground Water SW8310 µg/L	MW02-07 2003-02-19 Upper CA Ground Water SW8270C µg/L	RW01-05 2003-02-18 Upper CA Ground Water SW8270C µg/L	RW01-05 2003-05-08 Upper CA Ground Water SW8270C µg/L
1,1'-BIPHENYL	< 10		< 10			< 10		< 10	< 10	< 10
1,2,4-TRICHLOROBENZENE										
1,2-DICHLOROBENZENE										
1,3-DICHLOROBENZENE										
1,4-DICHLOROBENZENE										
1-METHYLNAPHTHALENE				< 1						
2,2'-OXYBIS(1-CHLOROPROPANE)	< 10		< 10			< 10		< 10	< 10	< 10
2,4,5-TRICHLOROPHENOL	< 10		< 10			< 10		< 10	< 10	< 10
2,4,6-TRICHLOROPHENOL	< 10		< 10			< 10		< 10	< 10	< 10
2,4-DICHLOROPHENOL	< 10		< 10			< 10		< 10	< 10	< 10
2,4-DIMETHYLPHENOL	< 10		< 10			< 10		< 10	< 10	< 10
2,4-DINITROPHENOL	< 50		< 50			< 50		< 50	< 50	< 50
2,4-DINITROTOLUENE	< 10		< 10			< 10		< 10	< 10	< 10
2,6-DINITROTOLUENE	< 10		< 10			< 10		< 10	< 10	< 10
2-CHLORONAPHTHALENE	< 10		< 10			< 10		< 10	< 10	< 10
2-CHLOROPHENOL	< 10		< 10			< 10		< 10	< 10	< 10
2-METHYLNAPHTHALENE	< 10		< 10	< 1		< 10		< 10	< 10	< 10
2-METHYLPHENOL	< 10		< 10			< 10		< 10	< 10	< 10
2-NITROANILINE	< 50		< 50			< 50		< 50	< 50	< 50
2-NITROPHENOL	< 10		< 10			< 10		< 10	< 10	< 10
3,3'-DICHLOROBENZIDINE	< 50		< 50			< 50		< 50	< 50	< 50
3-NITROANILINE	< 50		< 50			< 50		< 50	< 50	< 50
4,6-DINITRO-2-METHYLPHENOL	< 50		< 50			< 50		< 50	< 50	< 50
4-BROMOPHENYL PHENYL ETHER	< 10		< 10			< 10		< 10	< 10	< 10
4-CHLORO-3-METHYLPHENOL	< 10		< 10			< 10		< 10	< 10	< 10
4-CHLOROANILINE	< 10		< 10			< 10		< 10	< 10	< 10
4-CHLOROPHENYL PHENYL ETHER	< 10		< 10			< 10		< 10	< 10	< 10
4-METHYLPHENOL	< 10		< 10			< 10		< 10	< 10	< 10
4-NITROANILINE	< 50		< 50			< 50		< 50	< 50	< 50
4-NITROPHENOL	< 50		< 50			< 50		< 50	< 50	< 50
ACENAPHTHENE	< 10	< 2.5	< 10	< 1	< 2.5	< 10	< 2.6	< 10	< 10	< 10
ACENAPHTHYLENE	< 10	< 1.3	< 10	< 1	< 1.2	< 10	< 1.3	< 10	< 10	< 10
ACETOPHENONE	< 10		< 10			< 10		< 10	< 10	< 10
ANTHRACENE	< 10	< 0.05	< 10	< 2	< 0.05	< 10	0.1	< 10	< 10	< 10
ATRAZINE	< 10		< 10			< 10		< 10	< 10	< 10
BENZALDEHYDE	< 10		< 10			< 10		< 10	< 10	< 10
BENZO(A)ANTHRACENE	< 10	< 0.13	< 10	< 0.1	< 0.12	< 10	< 0.13	< 10	< 10	< 10
BENZO(A)PYRENE	< 10	< 0.13	< 10	< 0.1	< 0.12	< 10	< 0.13	< 10	< 10	< 10
BENZO(B)FLUORANTHENE	< 10	< 0.05	< 10	< 0.1	< 0.05	< 10	< 0.051	< 10	< 10	< 10
BENZO(GHI)PERYLENE	< 10	< 0.2	< 10	< 0.1	< 0.2	< 10	< 0.2	< 10	< 10	< 10
BENZO(K)FLUORANTHENE	< 10	< 0.05	< 10	< 0.1	< 0.05	< 10	< 0.051	< 10	< 10	< 10
BIS(2-CHLOROETHOXY)METHANE	< 10		< 10			< 10		< 10	< 10	< 10
BIS(2-CHLOROETHYL) ETHER	< 10		< 10			< 10		< 10	< 10	< 10
BIS(2-ETHYLHEXYL) PHTHALATE	< 10		< 10			< 10		< 10	42	< 10
BUTYL BENZYL PHTHALATE	< 10		< 10			< 10		< 10	< 10	< 10
CAPROLACTAM	< 10		< 10			< 10		< 10	< 10	< 10
CARBAZOLE	< 10		< 10			< 10		< 10	< 10	< 10
CHRYSENE	< 10	< 0.13	< 10	< 0.1	< 0.12	< 10	< 0.13	< 10	< 10	< 10
DIBENZ(A,H)ANTHRACENE	< 10		< 10	< 0.1		< 10		< 10	< 10	< 10
Dibenzo(a,h)anthracene		< 0.5			< 0.5		< 0.51			
DIBENZOFURAN	< 10		< 10			< 10		< 10	< 10	< 10
DIETHYL PHTHALATE	< 10		< 10			< 10		< 10	< 10	< 10
DIMETHYL PHTHALATE	< 10		< 10			< 10		< 10	< 10	< 10
DI-N-BUTYL PHTHALATE	< 10		< 10			< 10		< 10	1.5 J	1.5 J
DI-N-OCTYL PHTHALATE	< 10		< 10			< 10		< 10	< 10	< 10
FLUORANTHENE	< 10	< 0.13	< 10	< 0.1	< 0.12	< 10	0.22	< 10	< 10	< 10
FLUORENE	< 10	< 0.25	< 10	< 1	< 0.25	< 10	0.16 J	< 10	< 10	< 10
HEXACHLOROBENZENE	< 10		< 10			< 10		< 10	< 10	< 10
HEXACHLOROBUTADIENE	< 10		< 10			< 10		< 10	< 10	< 10
HEXACHLOROCYCLOPENTADIENE	< 50		< 50			< 50		< 50	< 50	< 50
HEXACHLOROETHANE	< 10		< 10			< 10		< 10	< 10	< 10
INDENO(1,2,3-CD)PYRENE	< 10	< 0.13	< 10	< 0.1	< 0.12	< 10	< 0.13	< 10	< 10	< 10
ISOPHORONE	< 10		< 10			< 10		< 10	< 10	< 10
NAPHTHALENE	< 10	< 1.3	< 10	< 1	< 1.2	< 10	< 1.3	< 10	< 10	< 10
NITROBENZENE	< 10		< 10			< 10		< 10	< 10	< 10
N-NITROSODI-N-PROPYLAMINE	< 10		< 10			< 10		< 10	< 10	< 10
N-NITROSODIPHENYLAMINE	< 10		< 10			< 10		< 10	< 10	< 10
PENTACHLOROPHENOL	< 10		< 10			< 10		< 10	< 10	< 10
PHENANTHRENE	< 10	< 0.1	< 10	< 1	< 0.099	< 10	0.41	< 10	< 10	< 10
PHENOL	< 10		< 10			< 10		< 10	< 10	< 10
PYRENE	< 10	< 0.25	< 10	< 0.1	< 0.25	< 10	0.17 J	< 10	< 10	< 10

See Table 9 for definitions of data qualifiers
Blank Cell=Not Analyzed
SVOCs = Semi-volatile Organic Compounds
DUP = Duplicate Sample
CA = Cedarville Aquifer
µg/L = micrograms per liter