



# GILES

ENGINEERING ASSOCIATES, INC.

GEOTECHNICAL, ENVIRONMENTAL & CONSTRUCTION MATERIALS CONSULTANTS

- Atlanta, GA
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May 23, 2008

O.H.M Holdings  
W223 N798 Saratoga Drive #D  
Waukesha, WI 53186

Attention: Mr. Brian Cass

Subject: Preliminary Site Assessment-Summary of Findings  
Martinizing  
36929 Plank Road  
Oconomowoc, Wisconsin  
Giles Project No. 1E-0805001

Dear Mr. Cass:

Giles Engineering Associates, Inc. (Giles) completed a Preliminary Site Assessment (PSA) at the Martinizing Dry Cleaners ("Site") located at 36929 Plank Road, in Oconomowoc, Wisconsin, on May 6, 2008. A Site location Map and Site Plan are included as Figures 1 and 2, respectively. The PSA was performed to evaluate if potential environmental impairment had resulted from the use of the property as a dry cleaner facility. This correspondence presents a summary of Giles services performed, the data and results of soil sampling activities completed, and Giles conclusions.

*Important Information About Your Geoenvironmental Report* is included in Attachment A. In addition, the soil boring logs, borehole abandonment forms, and copies of the soil laboratory analytical results and chain of custody (COC) documentation are included as Attachments B, C, and D respectively.

## SCOPE OF SERVICES

The soil sampling approach of the PSA is limited to a "presence/absence" evaluation of contamination. Complete vertical and horizontal delineation of soil and groundwater impacts was not included in the PSA scope of services.

The following tasks were performed in association with the PSA including:

- Coordinated the Site field activities, completed a utility locate, and scheduled property access.
- Observed and documented field activities during the completion of three soil borings. Two soil borings, HP-1 and HP-2, were completed within the interior of the building near the existing dry cleaning machine (DCM). A jackhammer was used to drive the core barrel sampling device to a maximum depth of eight feet below ground surface (bgs). One boring, GP-1, was completed exterior of the building, along the north wall, near a rear building entrance, using direct-push soil sampling techniques to a maximum depth of 16 feet bgs.



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- Performed a visual evaluation of collected soil samples for evidence of contamination and performed soil sample field screening for the presence of volatile organic vapors utilizing a Photoionization detector (PID), equipped with a 10.6 eV lamp.
- Submitted five select soil samples to TestAmerica Laboratory Corporation (TestAmerica), located in Watertown, Wisconsin for chemical analysis of volatile organic compounds (VOCs) by EPA Method 8260.
- Prepared of the following Summary of Findings letter report.

## **RESULTS**

### Soil Field Screening and Laboratory Results

Boring observations for locations HP-1 and HP-2 included four inches of concrete, underlain by four to five feet of brown, fine to medium sand with some fine to course gravel base course fill. The base course material at boring HP-1 was underlain by brown clayey silt with some fine to medium sand to eight feet bgs. Borings HP-1 and HP-2 were terminated approximately five and eight feet bgs respectively where probe refusal was encountered. Boring observations for GP-1 included four inches of asphalt, underlain by six to seven feet of fill consisting of brown clayey silt with some fine to course sand and gravel. The fill material was underlain by brown clayey slit with some fine to course sand with cobble fragments. Additionally, boring GP-1 was terminated at 16 feet bgs with no ground water encountered or sampled in the borings completed.

The results of the PID field screening indicated the presence of volatile vapors ranging from 32 to 47 instrument units (iu) in the soil samples collected at boring HP-1 from the interval two to six feet bgs. PID field screening indicated no presence of volatile vapors at GP-1 and HP-2.

Tetrachloroethene, also known as Perchloroethene (PCE) was detected in the soil samples collected from borings GP-1, HP-1, and HP-2 at levels below the Wisconsin Department of Natural Resources (WDNR) Landfill Disposal Limit for Contained-Out, non-hazardous waste. No generic Wisconsin Administrative Code (WAC), Chapter (Ch.) NR 720.09 soil residual contaminant level (RCL) or direct contact standard have been established for PCE. Soil field screening data and soil analytical results are summarized in Table 1 and a copy of the soil analytical report and COC documentation are included in Attachment D.

## **CONCLUSIONS**

Review of the data and results of this PSA indicates that the soil samples collected proximate to the dry cleaning machine and north rear entrance area are impacted; PCE concentrations were evident in both the shallow interval two to four feet bgs ranging from 40 to 660 micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ) and the deeper interval six to eight and 14 to 16 feet bgs, ranging from 69 to 2,700  $\mu\text{g}/\text{kg}$ .



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Based on the data and results of this PSA, the detected PCE concentrations in the soil samples collected requires WDNR notification. The property owner and/or operator should be informed of their statutory obligation under Section 292.11 of the Wisconsin State Statutes to report this condition to the WDNR and request that the WDNR provide their review and comment. The WDNR may require a comprehensive site investigation to evaluate the extent and magnitude of soil and potential groundwater impact.

If additional investigation is required, Giles recommends that the property owner and/or operator apply for reimbursement eligibility under the Dry Cleaner Environmental Response Fund (DERF), under WAC, Ch. NR 169. The cost for the work performed during the PSA maybe considered eligible for reimbursement under DERF (Ch. NR 169) and should also be included with the first claim, should the property qualify for DERF eligibility. We appreciate the opportunity to provide environmental consulting services to OHM Holdings. Please contact the undersigned with additional questions or comments.

Very Truly Yours,

GILES ENGINEERING ASSOCIATES, INC.

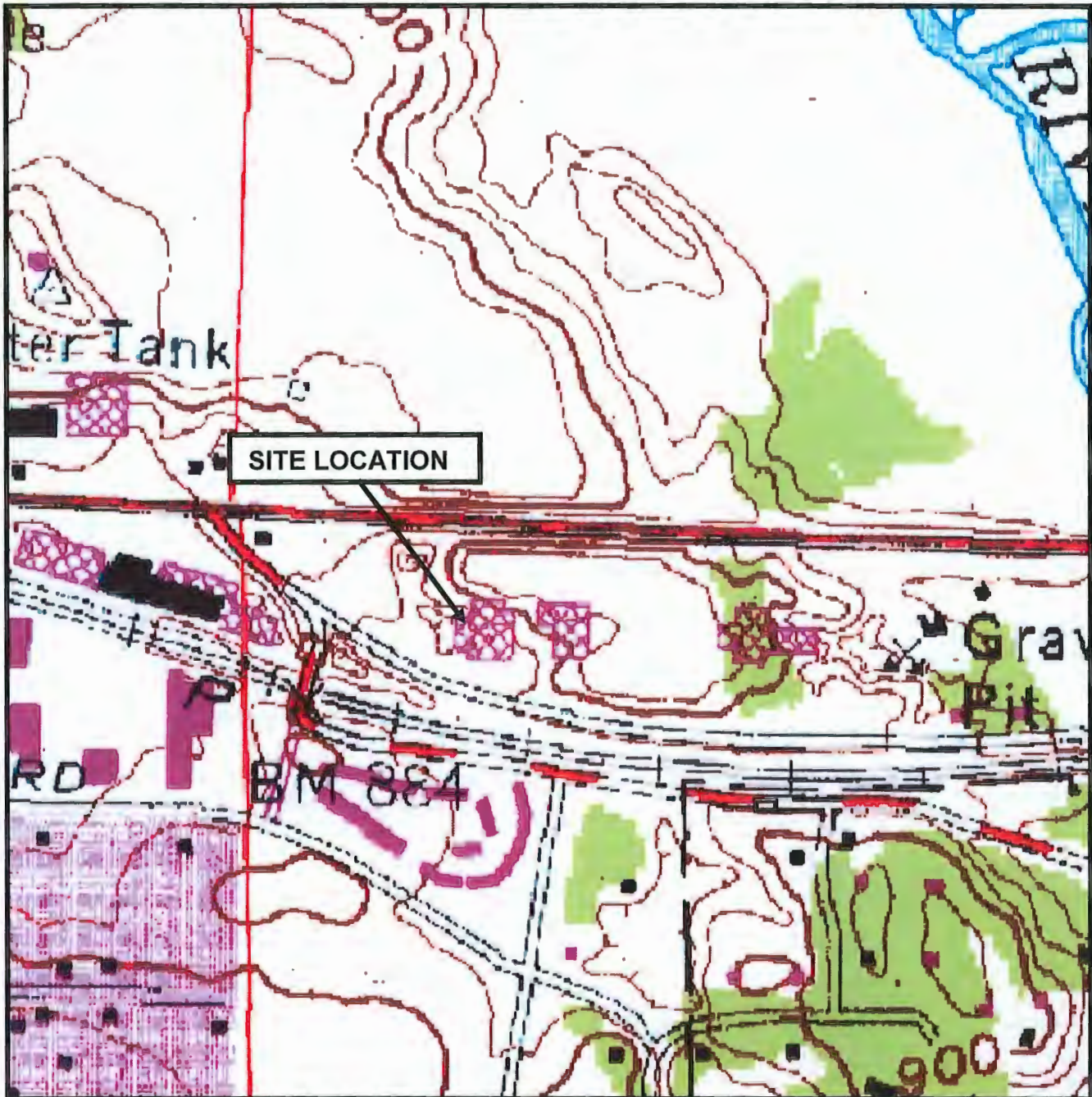
Lucas Conrney  
Staff Environmental Scientist

Kevin T. Bugel, P.G., P.C.G.  
Environmental Division Manager

Attachments: Figure 1: Site Location Map  
Figure 2: Site Plan  
Table 1: Soil Analytical Results Summary  
A: *Important Information About Your Geoenvironmental Report*  
B: Soil Boring Logs  
C: Borehole Abandonment Forms  
D: Soil Laboratory Analytical Results and COC Documentation

Distribution: O.H.M Holdings  
Attn: Mr. Brian Cass (2 Copies, Delivered)

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Source: TerraServer Image Courtesy USGS Oconomowoc East, Wisconsin (1976)

Scale: Not Given

Contour Interval: 10 Feet



**FIGURE 1**  
**SITE LOCATION MAP**

**Martinizing**  
36929 Plank Road  
Oconomowoc, WI  
Project No. 1E-0805001

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**TABLE 1**  
**SOIL ANALYTICAL RESULTS SUMMARY**

Martinizing  
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Oconomowoc, Wisconsin  
Project No. 1E-0805001

Analyte	Sample Location					NR 720.09 RCLs	WDNR Landfill Disposal Contained-Out Non-Hazardous Limit
	GP-1		HP-1	HP-2			
Sample Date	5/6/2008		5/6/2008	5/6/2008			
Sample Depth (feet)	2-4	14-16	2-4	2-4	6-8		
PID (Instrument Units)	BDL	BDL	47	BDL	BDL		
<b>Detected VOCs (µg/kg)</b>							
Tetrachloroethene	40	69	660	380	2,700	NS	33,000

**Notes:**

**PID:** Photoionization Detector

**VOCs:** Volatile Organic Compounds

**µg/kg:** Micrograms per kilogram; equivalent to parts per billion (ppb)

**NR:** Natural Resources Chapter of the Wisconsin Administrative Code (WAC)

**BDL:** Below Detection Limit

**RCLs:** Residual Contaminant Levels

**NS:** No Established Standard

Results indicated in red or ##### exceed the WAC NR 720.09 Generic RCLs based on groundwater protection

Results indicated in purple or {#####} exceed the WDNR landfill disposal limit as contained-out non-hazardous waste

# Important Information About Your Geoenvironmental Report

Geoenvironmental studies are commissioned to gain information about environmental conditions on and beneath the surface of a site. The more comprehensive the study, the more reliable the assessment is likely to be. But remember: Any such assessment is to a greater or lesser extent based on professional opinions about conditions that cannot be seen or tested. Accordingly, no matter how many data are developed, risks created by unanticipated conditions will always remain. *Have realistic expectations.* Work with your geoenvironmental consultant to manage known and unknown risks. Part of that process should already have been accomplished, through the risk allocation provisions you and your geoenvironmental professional discussed and included in your contract's general terms and conditions. This document is intended to explain some of the concepts that may be included in your agreement, and to pass along information and suggestions to help you manage your risk.

## **Beware of Change; Keep Your Geoenvironmental Professional Advised**

The design of a geoenvironmental study considers a variety of factors that are subject to change. Changes can undermine the applicability of a report's findings, conclusions, and recommendations. *Advise your geoenvironmental professional about any changes you become aware of.* Geoenvironmental professionals cannot accept responsibility or liability for problems that occur because a report fails to consider conditions that did not exist when the study was designed. Ask your geoenvironmental professional about the types of changes you should be particularly alert to. Some of the most common include:

- modification of the proposed development or ownership group,
- sale or other property transfer,
- replacement of or additions to the financing entity,
- amendment of existing regulations or introduction of new ones, or
- changes in the use or condition of adjacent property.

Should you become aware of any change, *do not rely on a geoenvironmental report.* Advise your geoenvironmental professional immediately; follow the professional's advice.

## **Recognize the Impact of Time**

A geoenvironmental professional's findings, recommendations, and conclusions cannot remain valid indefinitely. The more time that passes, the more likely it is that important latent changes will occur. *Do not rely on a geoenvironmental report if too much time has elapsed since it was completed.* Ask your environmental professional to define "too much time." In the case of Phase I Environmental Site Assessments (ESAs), for example, more than 180 days after submission is generally considered "too much."

## **Prepare To Deal with Unanticipated Conditions**

The findings, recommendations, and conclusions of a Phase I ESA report typically are based on a review of historical information, interviews, a site "walkover," and other forms of noninvasive research. When site subsurface conditions are not sampled in any way, the risk of unanticipated conditions is higher than it would otherwise be.

While borings, installation of monitoring wells, and similar invasive test methods can help reduce the risk of unanticipated conditions, *do not overvalue the effectiveness of testing.* Testing provides information about actual conditions only at the precise locations where samples are taken, and only when they are taken. Your geoenvironmental professional has applied that specific information to develop a general opinion about environmental conditions. *Actual conditions in areas not sampled may differ (sometimes sharply) from those predicted in a report.* For example, a site may contain an unregistered underground storage tank that shows no surface trace of its existence. *Even conditions in areas that were tested can change,* sometimes suddenly, due to any number of events, not the least of which include occurrences at

adjacent sites. Recognize, too, that *even some conditions in tested areas may go undiscovered*, because the tests or analytical methods used were designed to detect only those conditions assumed to exist.

Manage your risks by retaining your geoenvironmental professional to work with you as the project proceeds. Establish a contingency fund or other means to enable your geoenvironmental professional to respond rapidly, in order to limit the impact of unforeseen conditions. And to help prevent any misunderstanding, identify those empowered to authorize changes and the administrative procedures that should be followed.

### **Do Not Permit Any Other Party To Rely on the Report**

Geoenvironmental professionals design their studies and prepare their reports to meet the specific needs of the clients who retain them, in light of the risk management methods that the client and geoenvironmental professional agree to, and the statutory, regulatory, or other requirements that apply. The study designed for a developer may differ sharply from one designed for a lender, insurer, public agency...or even another developer. *Unless the report specifically states otherwise, it was developed for you and only you.* Do not unilaterally permit any other party to rely on it. The report and the study underlying it may not be adequate for another party's needs, and you could be held liable for shortcomings your geoenvironmental professional was powerless to prevent or anticipate. Inform your geoenvironmental professional when you know or expect that someone else—a third-party—will want to use or rely on the report. *Do not permit third-party use or reliance until you first confer with the geoenvironmental professional who prepared the report.* Additional testing, analysis, or study may be required and, in any event, appropriate terms and conditions should be agreed to so both you and your geoenvironmental professional are protected from third-party risks. *Any party who relies on a geoenvironmental report without the express written permission of the professional who prepared it and the client for whom it was prepared may be solely liable for any problems that arise.*

### **Avoid Misinterpretation of the Report**

Design professionals and other parties may want to rely on the report in developing plans and specifications. They need to be advised, in writing, that their needs may not have been considered when the study's scope was developed, and, even if their needs were considered, they might misinterpret geoenvironmental findings, conclusions, and recommendations. *Commission your geoenvironmental professional to explain pertinent elements of the report to others who are permitted to rely on it, and to review any plans, specifications or other instruments of professional service that incorporate any of the report's findings, conclusions, or recommendations.* Your geoenvironmental professional has the best understanding of the issues involved, including the fundamental assumptions that underpinned the study's scope.

### **Give Contractors Access to the Report**

Reduce the risk of delays, claims, and disputes by giving contractors access to the full report, *providing that it is accompanied by a letter of transmittal that can protect you* by making it unquestionably clear that: 1) the study was not conducted and the report was not prepared for purposes of bid development, and 2) the findings, conclusions, and recommendations included in the report are based on a variety of opinions, inferences, and assumptions and are subject to interpretation. Use the letter to also advise contractors to consult with your geoenvironmental professional to obtain clarifications, interpretations, and guidance (a fee may be required for this service), and that—in any event—they should conduct additional studies to obtain the specific type and extent of information each prefers for preparing a bid or cost estimate. Providing access to the full report, with the appropriate caveats, helps prevent formation of adversarial attitudes and claims of concealed or differing conditions. If a contractor elects to ignore the warnings and advice in the letter of transmittal, it would do so at its own risk. Your geoenvironmental professional should be able to help you prepare an effective letter.

### **Do Not Separate Documentation from the Report**

Geoenvironmental reports often include supplemental documentation, such as maps and copies of regulatory files, permits, registrations, citations, and correspondence with regulatory agencies. If subsurface explorations were performed, the report may contain final boring logs and copies of laboratory data. If remediation activities occurred on site, the report may include: copies of daily field reports; waste manifests; and information about the disturbance of subsurface materials, the type and thickness of any fill placed on site, and fill placement practices, among other types of documentation. *Do not separate supplemental documentation from the report. Do not, and do not permit any other party to redraw or modify any of the supplemental documentation for incorporation into other professionals' instruments of service.*

### **Understand the Role of Standards**

Unless they are incorporated into statutes or regulations, standard practices and standard guides developed by the American Society for Testing and Materials (ASTM) and other recognized standards-developing organizations (SDOs) are little more than aspirational methods agreed to by a consensus of a committee. The committees that develop standards may not comprise those best-qualified to establish methods and, no matter what, no standard method can possibly consider the infinite client- and project-specific variables that fly in the face of the theoretical "standard conditions" to which standard practices and standard guides apply. In fact, these variables can be so pronounced that geoenvironmental professionals who comply with every directive of an ASTM or other standard procedure could run afoul of local custom and practice, thus violating the standard of care.

Accordingly, when geoenvironmental professionals indicate in their reports that they have performed a service "in general compliance" with one standard or another, it means they have applied professional judgement in creating and implementing a scope of service designed for the specific client and project involved, and which follows some of the general precepts laid out in the referenced standard. To the extent that a report indicates "general compliance" with a standard, you may wish to speak with your geoenvironmental professional to learn more about what was and was not done. *Do not assume a given standard was followed to the letter.* Research indicates that that seldom is the case.

### **Realize That Recommendations May Not Be Final**

The technical recommendations included in a geoenvironmental report are based on assumptions about actual conditions, and so are preliminary or tentative. Final recommendations can be prepared only by observing actual conditions as they are exposed. For that reason, you should retain the geoenvironmental professional of record to observe construction and/or remediation activities on site, to permit rapid response to unanticipated conditions. *The geoenvironmental professional who prepared the report cannot assume responsibility or liability for the report's recommendations if that professional is not retained to observe relevant site operations.*

### **Understand That Geotechnical Issues Have Not Been Addressed**

Unless geotechnical engineering was specifically included in the scope of professional service, a report is not likely to relate any findings, conclusions, or recommendations about the suitability of sub-surface materials for construction purposes, especially when site remediation has been accomplished through the removal, replacement, encapsulation, or chemical treatment of on-site soils. The

equipment, techniques, and testing used by geotechnical engineers differ markedly from those used by geoenvironmental professionals; their education, training, and experience are also significantly different. If you plan to build on the subject site, but have not yet had a geotechnical engineering study conducted, your geoenvironmental professional should be able to provide guidance about the next steps you should take. The same firm may provide the services you need.

### **Read Responsibility Provisions Closely**

Geoenvironmental studies cannot be exact; they are based on professional judgement and opinion. Nonetheless, some clients, contractors, and others assume geoenvironmental reports are or certainly should be unerringly precise. Such assumptions have created unrealistic expectations that have led to wholly unwarranted claims and disputes. To help prevent such problems, geoenvironmental professionals have developed a number of report provisions and contract terms that explain who is responsible for what, and how risks are to be allocated. Some people mistake these for "exculpatory clauses," that is, provisions whose purpose is to transfer one party's rightful responsibilities and liabilities to someone else. Read the responsibility provisions included in a report and in the contract you and your geoenvironmental professional agreed to. *Responsibility provisions are not "boiler-plate."* They are important.

### **Rely on Your Geoenvironmental Professional for Additional Assistance**

Membership in ASFE exposes geoenvironmental professionals to a wide array of risk management techniques that can be of genuine benefit for everyone involved with a geoenvironmental project. Confer with your ASFE-member geoenvironmental professional for more information.



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Route To: Watershed/Wastewater  Waste Management   
Remediation/Revelpment  Other

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Facility/Project Name: Masthizing License/Permit/Monitoring Number: \_\_\_\_\_ Boring Number: LP-1

Boring Drilled By: Name of crew chief (first, last) and Firm  
 First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_ Date Drilling Started: 05/06/2008 Date Drilling Completed: 05/06/2008 Drilling Method: Geopipe

Firm: Giles Geoservice

WI Unique Well No. \_\_\_\_\_ DNR Well ID No. \_\_\_\_\_ Well Name \_\_\_\_\_ Final Static Water Level \_\_\_\_\_ Feet MSL Surface Elevation \_\_\_\_\_ Feet MSL Borehole Diameter: 2.0 inches

Local Grid Origin  (estimated: ) or Boring Location   
 State Plane \_\_\_\_\_ N, \_\_\_\_\_ E Lat \_\_\_\_\_ Long \_\_\_\_\_ Feet  N  E  S  W

Local Grid Location: NW 1/4 of NW 1/4 of Section 3, T 7 N, R 17

Facility ID \_\_\_\_\_ County: Waushara County Code \_\_\_\_\_ Civil Town/City/ or Village: Diamond

Sample Number and Type	Length An. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments			
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200				
				<u>Whiches asphalt mat</u>													
			2	<u>Brown clayey silt some fine to coarse sand; fine to coarse gravel</u>				<u>BPL</u>									
			4														
			6														
			8	<u>Brown clayey silt some fine to coarse sand; cobble frags</u>													
			10														
			12														
			14														
			16														
			16.5														
			16.5	<u>BT @ 16'</u>													

I hereby certify that the information on this form is true and correct to the best of my knowledge.  
 Signature: \_\_\_\_\_ Firm: Giles Geoservice

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

(A) Soil samples submitted for VOC analyses.

Route To: Watershed/Wastewater  Waste Management   
Remediation/Revelopment  Other

Page 1 of 1

Facility/Project Name Martinieng License/Permit/Monitoring Number \_\_\_\_\_ Boring Number HP-1

Boring Drilled By: Name of crew chief (first, last) and Firm Deconewes  
First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_ Date Drilling Started 05/06/2008 Date Drilling Completed 05/06/2008 Drilling Method Hard Probe

Firm Coles Engineering  
WI Unique Well No. \_\_\_\_\_ DNR Well ID No. \_\_\_\_\_ Well Name \_\_\_\_\_ Final Static Water Level \_\_\_\_\_ Surface Elevation \_\_\_\_\_ Borehole Diameter 10 inches  
Feet MSL Feet MSL

Local Grid Origin  (estimated: ) or Boring Location   
State Plane \_\_\_\_\_ N, \_\_\_\_\_ E Lat \_\_\_\_\_ Long \_\_\_\_\_ Local Grid Location \_\_\_\_\_ Feet \_\_\_\_\_ Feet \_\_\_\_\_ E \_\_\_\_\_ W

1/4 of ~~the~~ 1/4 of Section 3, T 7 N, R 17

Facility ID \_\_\_\_\_ County Waushara County Code \_\_\_\_\_ Civil Town/City/ or Village Deconewes

Sample Number and Type	Length Air. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					ROD/ Comments			
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200				
				<u>4 inches concrete moist</u>													
				<u>Brown fine to medium sand, some fine to coarse gravel</u>				<u>B7L</u>									
			<u>4</u>	<u>↓</u>				<u>47</u>									<u>Ⓟ</u>
			<u>6</u>	<u>BTA 5'</u>				<u>32</u>									
			<u>8</u>														
			<u>10</u>														
			<u>12</u>														
			<u>14</u>														
			<u>16</u>														

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature [Signature] Firm Coles Engineering

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Ⓟ Soil sample submitted for VOC analyses

Route To: Watershed/Wastewater  Waste Management   
Remediation/Revelpoment  Other

*Martinez*

Page 1 of 1

Facility/Project Name <i>Oconomowoc</i>		License/Permit/Monitoring Number	Boring Number <i>HP-2</i>
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Last Name: <i>Greg Gagnier</i>		Date Drilling Started <i>05/06/2008</i> m m d d y y y y	Date Drilling Completed <i>05/06/2008</i> m m d d y y y y
WI Unique Well No.	DNR Well ID No.	Well Name	Drilling Method <i>Hand Picked</i>
		Final Static Water Level Feet MSL	Surface Elevation Feet MSL
			Borehole Diameter <i>1.0</i> inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		Local Grid Location	
State Plane <u>      </u> N, <u>      </u> E		Lat <u>0</u> ' "	<input type="checkbox"/> N <input type="checkbox"/> E
<i>NW 1/4 of NW 1/4 of Section 3, T 47 N, R 17</i>		Long <u>0</u> ' "	Feet <input type="checkbox"/> S <u>      </u> Feet <input type="checkbox"/> W
Facility ID	County <i>Waukesha</i>	County Code	Civil Town/City/ or Village <i>Oconomowoc</i>

Sample Number and Type	Length Int. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments			
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200				
				<i>4 inches concrete</i>													
			3	<i>Brown clayey silt some fine to coarse sand</i>				<i>BDC</i>									
			4	<i>Brown clayey silt some fine to medium sand</i>				<i>8</i>									<i>(A)</i>
			6					<i>7</i>									
			8					<i>5</i>									<i>(A)</i>
			10														
			12														
			14														
			16														

I hereby certify that the information on this form is true and correct to the best of my knowledge.  
Signature: *[Signature]* Firm: *Giles Engineering*

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

*(A) Soil sample submitted for VOC analyses.*

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Route to:**

Drinking Water  Watershed/Wastewater  Waste Management  Remediation/Redevelopment  Other: \_\_\_\_\_

**1. General Information** **2. Facility / Owner Information**

WI Unique Well No. _____		DNR Well ID No. _____		County <u>Waukesha</u>		Facility Name <u>Martinez</u>	
Common Well Name <u>CP-1</u>		Gov't Lot # (if applicable)		Facility ID		License/Permit/Monitoring No.	
1/4	1/4	Section <u>3</u>	Township <u>7 N</u>	Range <u>17</u>	<input checked="" type="checkbox"/> E <input type="checkbox"/> W	Street Address of Well <u>36929 Plank Road</u>	
Well Location <input type="checkbox"/> ft. / <input type="checkbox"/> M (Local Grid <input type="checkbox"/> )		Datum		City, Village or Town <u>Oconomowoc</u>		Present Well Owner	
Zone N / S		E / W		Original Well Owner		Street Address or Route of Present Owner	
WTM- <input type="checkbox"/> UTM- <input type="checkbox"/> Latitude/Longitude- <input type="checkbox"/> State Plane- <input type="checkbox"/> <input type="checkbox"/> S <input type="checkbox"/> C <input type="checkbox"/> N		Datum		City		State ZIP Code	
Local Grid Origin <input type="checkbox"/> ft. / <input type="checkbox"/> M		Datum		Zone S / C / N		Reason For Abandonment	
WTM- <input type="checkbox"/> UTM- <input type="checkbox"/> Latitude/Longitude- <input type="checkbox"/> State Plane- <input type="checkbox"/> <input type="checkbox"/> S <input type="checkbox"/> C <input type="checkbox"/> N		Datum		Zone S / C / N		WI Unique Well No. of Replacement Well	

**4. Pump, Liner, Screen, Casing & Sealing Material**

Reason For Abandonment		WI Unique Well No. of Replacement Well		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Original Construction Date <u>5/6/2008</u>		If a Well Construction Report is available, please attach.		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <u>loop pile</u>		Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Total Well Depth From Groundsurface (ft.) <u>16</u>		Casing Diameter (in.)		Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) <u>2.0</u>		Casing Depth (ft.)		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Depth to Water (feet)		Did sealing material rise to surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
If yes, to what depth (feet)?		Depth to Water (feet)		Did material settle after 24 hours? If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
5. Material Used To Fill Well / Drillhole		From (ft.)		To (ft.)	
Concrete		Surface		<u>16.3</u>	
Bentonite chips		3		<u>16</u>	
				No. Yards, Sacks Sealant or Volume (circle one)	
				.1	
				1	
				Mix Ratio or Mud Weight	

Required Method of Placing Sealing Material  
 Conductor Pipe-Gravity  Conductor Pipe-Pumped  
 Screened & Poured (Bentonite Chips)  Other (Explain): Gravel

Sealing Materials  
 Neat Cement Grout  Clay-Sand Slurry (11 lb./gal. wt.)  
 Sand-Cement (Concrete) Grout  Bentonite-Sand Slurry " "  
 Concrete  Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:  
 Bentonite Chips  Bentonite - Cement Grout  
 Granular Bentonite  Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Concrete	Surface	<u>16.3</u>	<u>.1</u>	
Bentonite chips	3	<u>16</u>	<u>1</u>	

**6. Comments**

\_\_\_\_\_

**7. Supervision of Work** **DNR Use Only**

Name of Person or Firm Doing Sealing Work <u>Coles Engineering Inc</u>		Date of Abandonment <u>5/6/2008</u>		Date Received		Noted By	
Street or Route <u>WS W23350 Johnson Drive</u>		Telephone Number <u>(262) 547-0118</u>		Comments		Signature of Person Doing Work	
City <u>Waukesha</u>		State <u>WI</u>		ZIP Code <u>53186</u>		Date Signed <u>5/7/08</u>	

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Route to:**

Drinking Water  Watershed/Wastewater  Waste Management  Remediation/Redevelopment  Other: \_\_\_\_\_

**1. General Information** **2. Facility / Owner Information**

WI Unique Well No.	DNR Well ID No.	County <i>Waukesha</i>	Facility Name <i>Maintaining</i>	
Common Well Name <i>HP-1</i>		Gov't Lot # (if applicable)	Facility ID	License/Permit/Monitoring No.
1/4 1/4 <i>NW NW</i>	Section <i>3</i>	Township <i>7 N</i>	Range <i>17 E</i>	Street Address of Well <i>36979 Plank Road</i>
Well Location <input checked="" type="checkbox"/> ft./M (Local Grid <input type="checkbox"/> )		Datum		City, Village or Town <i>Oconomowoc</i>
Zone WTM- <input type="checkbox"/> UTM- <input type="checkbox"/> Latitude/Longitude- <input type="checkbox"/> State Plane- <input type="checkbox"/> <input checked="" type="checkbox"/> S <input type="checkbox"/> C <input type="checkbox"/> N		Present Well Owner		Original Well Owner
Local Grid Origin <input type="checkbox"/> ft./M		Datum		Street Address or Route of Present Owner
Zone WTM- <input type="checkbox"/> UTM- <input type="checkbox"/> Latitude/Longitude- <input type="checkbox"/> State Plane- <input type="checkbox"/> <input checked="" type="checkbox"/> S <input type="checkbox"/> C <input type="checkbox"/> N		City		State ZIP Code

**4. Pump, Liner, Screen, Casing & Sealing Material**

Reason For Abandonment	WI Unique Well No. of Replacement Well
<b>3. Well / Drillhole / Borehole Information</b> <input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole Original Construction Date: <i>5/6/2008</i> If a Well Construction Report is available, please attach.	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <i>Hand probe</i>	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	
Total Well Depth From Groundsurface (ft.) <i>5'</i>	Casing Diameter (in.)
Lower Drillhole Diameter (in.) <i>1.0</i>	Casing Depth (ft.)
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If yes, to what depth (feet)? _____ Depth to Water (feet) _____	

Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Did sealing material rise to surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A

Required Method of Placing Sealing Material	
<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input type="checkbox"/> Screened & Poured (Bentonite Chips)	<input checked="" type="checkbox"/> Other (Explain): <i>Gravity</i>

Sealing Materials	
<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input type="checkbox"/> Bentonite-Sand Slurry " "
<input type="checkbox"/> Concrete	<input type="checkbox"/> Bentonite Chips
For Monitoring Wells and Monitoring Well Boreholes Only:	
<input checked="" type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole		From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<i>Concrete</i>		Surface	<i>3</i>	<i>1</i>	
<i>Bentonite Chips</i>		<i>3</i>	<i>5</i>	<i>3</i>	

**6. Comments**

<b>7. Supervision of Work</b>		<b>DNR Use Only</b>	
Name of Person or Firm Doing Sealing Work <i>Giles Engineering Associates Inc</i>		Date of Abandonment <i>5/6/2008</i>	Date Received
Street or Route <i>NS W22350 Johnson Drive</i>		Telephone Number <i>(262) 544-0118</i>	Noted By
City <i>Waukesha</i>	State <i>WI</i>	ZIP Code <i>53186</i>	Signature of Person Doing Work <i>[Signature]</i>
		Date Signed <i>5/7/08</i>	

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Route to:**

Drinking Water  Watershed/Wastewater  Waste Management  Remediation/Redevelopment  Other: \_\_\_\_\_

**1. General Information** **2. Facility / Owner Information**

WI Unique Well No. _____		DNR Well ID No. _____		County <u>Waukesha</u>		Facility Name <u>Martinizing</u>	
Common Well Name <u>HP-2</u>		Gov't Lot # (if applicable)		Facility ID		License/Permit/Monitoring No.	
1/4	1/4	Section <u>3</u>	Township <u>7 N</u>	Range <u>17</u>	<input checked="" type="checkbox"/> E <input type="checkbox"/> W	Street Address of Well <u>36429 Plank Road</u>	
Well Location <u>NW</u> <u>NW</u>		(ft.) / (M) (Local Grid <input type="checkbox"/> )		Datum		City, Village or Town <u>Oconomowoc</u>	
WTM- <input type="checkbox"/> UTM- <input type="checkbox"/> Latitude/Longitude- <input type="checkbox"/> State Plane- <input type="checkbox"/> <input type="checkbox"/> S <input type="checkbox"/> C <input type="checkbox"/> N		Local Grid Origin (ft.) / (M)		Datum		Present Well Owner	
Zone <u>N</u> / <u>S</u>		E / W		Zone <input type="checkbox"/> S <input type="checkbox"/> C <input type="checkbox"/> N		Original Well Owner	
Street Address or Route of Present Owner		City		State		ZIP Code	

**3. Well / Drillhole / Borehole Information** **4. Pump, Liner, Screen, Casing & Sealing Material**

Reason For Abandonment _____		WI Unique Well No. of Replacement Well _____		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Original Construction Date <u>5/6/2008</u>		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Did sealing material rise to surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <u>Hand probe</u>		Formation Type: <input type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): <u>locally</u>	
Total Well Depth From Groundsurface (ft.) <u>8</u>		Casing Diameter (in.)		Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.) <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " " <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Chips	
Lower Drillhole Diameter (in.) <u>1.0</u>		Casing Depth (ft.)		For Monitoring Wells and Monitoring Well Boreholes Only: <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		If yes, to what depth (feet)?		Depth to Water (feet)	

5. Material Used To-Fill Well / Drillhole		From (ft.)	To (ft.)	No. Yards, Sacks, Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<u>Concrete</u>		Surface	<u>3</u>	<u>1</u>	
<u>Bentonite Chips</u>		<u>3</u>	<u>8</u>	<u>5</u>	

**6. Comments**

\_\_\_\_\_

**7. Supervision of Work** **DNR Use Only**

Name of Person or Firm Doing Sealing Work <u>Leis Engineering Associates Inc</u>		Date of Abandonment <u>5/6/2008</u>		Date Received		Noted By	
Street or Route <u>NS W2235 Johnson Drive</u>		Telephone Number <u>(762) 544-0118</u>		Comments			
City <u>Waukesha</u>		State <u>WI</u>		ZIP Code <u>53186</u>		Signature of Person Doing Work	
						Date Signed <u>5/7/08</u>	

May 13, 2008

Client: GILES ENGINEERING - WISCONSIN  
N8 W22350 Johnson Road  
Waukesha, WI 53186

Work Order: WRE0303  
Project Name: 1E-0805001 Oconomowoc, WI  
Project Number: 36929 Plank Road

Attn: Mr. Kevin Bugel

Date Received: 05/08/08

An executed copy of the chain of custody is also included as an addendum to this report.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-833-7036

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
GP-1 2-4'	WRE0303-01	05/06/08
GP-1 14-16'	WRE0303-02	05/06/08
HP-1 2-4'	WRE0303-03	05/06/08
HP-2 2-4'	WRE0303-04	05/06/08
HP-2 6-8'	WRE0303-05	05/06/08

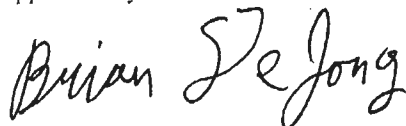
Samples were received into laboratory on ice.

Wisconsin Certification Number: 128053530

The Chain of Custody, 1 page, is included and is an integral part of this report.

*Unless subcontracted, volatiles analyses (including VOC, PVOC, GRO, BTEX, and TPH gasoline) performed by TestAmerica Watertown at 1101 Industrial Drive, Units 9&10. All other analyses performed at the address shown in the heading of this report.*

Approved By:



TestAmerica Watertown  
Brian DeJong For Dan F. Milewsky  
Project Manager

GILES ENGINEERING - WISCONSIN  
 N8 W22350 Johnson Road  
 Waukesha, WI 53186  
 Mr. Kevin Bugel

Work Order: WRE0303  
 Project: 1E-0805001 Oconomowoc, WI  
 Project Number: 36929 Plank Road

Received: 05/08/08  
 Reported: 05/13/08 12:11

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WRE0303-01 (GP-1 2-4' - Solid/Soil)</b>						<b>Sampled: 05/06/08</b>			
General Chemistry Parameters									
% Solids	95		%	NA	1	05/13/08 11:10	clj	8050272	SW 5035
VOCs by SW8260B									
Benzene	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
Bromobenzene	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
Bromochloromethane	<37		ug/kg dry	37	1	05/10/08 12:25	EML	8050250	SW 8260B
Bromodichloromethane	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
Bromoform	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
Bromomethane	<110		ug/kg dry	110	1	05/10/08 12:25	EML	8050250	SW 8260B
n-Butylbenzene	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
sec-Butylbenzene	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
tert-Butylbenzene	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
Carbon Tetrachloride	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
Chlorobenzene	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
Chlorodibromomethane	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
Chloroethane	<53		ug/kg dry	53	1	05/10/08 12:25	EML	8050250	SW 8260B
Chloroform	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
Chloromethane	<53		ug/kg dry	53	1	05/10/08 12:25	EML	8050250	SW 8260B
2-Chlorotoluene	<53		ug/kg dry	53	1	05/10/08 12:25	EML	8050250	SW 8260B
4-Chlorotoluene	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
1,2-Dibromo-3-chloropropane	<53		ug/kg dry	53	1	05/10/08 12:25	EML	8050250	SW 8260B
1,2-Dibromoethane (EDB)	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
Dibromomethane	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
1,2-Dichlorobenzene	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
1,3-Dichlorobenzene	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
1,4-Dichlorobenzene	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
Dichlorodifluoromethane	<53		ug/kg dry	53	1	05/10/08 12:25	EML	8050250	SW 8260B
1,1-Dichloroethane	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
1,2-Dichloroethane	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
1,1-Dichloroethene	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
cis-1,2-Dichloroethene	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
trans-1,2-Dichloroethene	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
1,2-Dichloropropane	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
1,3-Dichloropropane	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
2,2-Dichloropropane	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
1,1-Dichloropropene	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
cis-1,3-Dichloropropene	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
trans-1,3-Dichloropropene	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
2,3-Dichloropropene	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
Isopropyl Ether	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
Ethylbenzene	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
Hexachlorobutadiene	<37		ug/kg dry	37	1	05/10/08 12:25	EML	8050250	SW 8260B
Isopropylbenzene	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
p-Isopropyltoluene	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
Methylene Chloride	<53		ug/kg dry	53	1	05/10/08 12:25	EML	8050250	SW 8260B
Methyl tert-Butyl Ether	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
Naphthalene	<53		ug/kg dry	53	1	05/10/08 12:25	EML	8050250	SW 8260B
n-Propylbenzene	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
Styrene	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
1,1,1,2-Tetrachloroethane	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
1,1,2,2-Tetrachloroethane	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B



GILES ENGINEERING - WISCONSIN  
 N8 W22350 Johnson Road  
 Waukesha, WI 53186  
 Mr. Kevin Bugel

Work Order: WRE0303  
 Project: 1E-0805001 Oconomowoc, WI  
 Project Number: 36929 Plank Road

Received: 05/08/08  
 Reported: 05/13/08 12:11

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WRE0303-01RE1 (GP-1 2-4' - Solid/Soil) - cont.</b>						<b>Sampled: 05/06/08</b>			
VOCs by SW8260B - cont.									
Tetrachloroethene	40		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
Toluene	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
1,2,3-Trichlorobenzene	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
1,2,4-Trichlorobenzene	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
1,1,1-Trichloroethane	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
1,1,2-Trichloroethane	<37		ug/kg dry	37	1	05/10/08 12:25	EML	8050250	SW 8260B
Trichloroethene	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
Trichlorofluoromethane	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
1,2,3-Trichloropropane	<53		ug/kg dry	53	1	05/10/08 12:25	EML	8050250	SW 8260B
1,2,4-Trimethylbenzene	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
1,3,5-Trimethylbenzene	<26		ug/kg dry	26	1	05/10/08 12:25	EML	8050250	SW 8260B
Vinyl chloride	<37		ug/kg dry	37	1	05/10/08 12:25	EML	8050250	SW 8260B
Xylenes, total	<90		ug/kg dry	90	1	05/10/08 12:25	EML	8050250	SW 8260B
Surr: Dibromofluoromethane (82-112%)	106 %								
Surr: Toluene-d8 (91-106%)	96 %								
Surr: 4-Bromofluorobenzene (89-110%)	96 %								
<b>Sample ID: WRE0303-02 (GP-1 14-16' - Solid/Soil)</b>						<b>Sampled: 05/06/08</b>			
General Chemistry Parameters									
% Solids	96		%	NA	1	05/13/08 11:44	clj	8050273	SW 5035
VOCs by SW8260B									
Benzene	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
Bromobenzene	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
Bromochloromethane	<37		ug/kg dry	37	1	05/09/08 19:36	lck	8050227	SW 8260B
Bromodichloromethane	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
Bromoform	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
Bromomethane	<100		ug/kg dry	100	1	05/09/08 19:36	lck	8050227	SW 8260B
n-Butylbenzene	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
sec-Butylbenzene	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
tert-Butylbenzene	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
Carbon Tetrachloride	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
Chlorobenzene	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
Chlorodibromomethane	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
Chloroethane	<52		ug/kg dry	52	1	05/09/08 19:36	lck	8050227	SW 8260B
Chloroform	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
Chloromethane	<52		ug/kg dry	52	1	05/09/08 19:36	lck	8050227	SW 8260B
2-Chlorotoluene	<52		ug/kg dry	52	1	05/09/08 19:36	lck	8050227	SW 8260B
4-Chlorotoluene	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
1,2-Dibromo-3-chloropropane	<52		ug/kg dry	52	1	05/09/08 19:36	lck	8050227	SW 8260B
1,2-Dibromoethane (EDB)	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
Dibromomethane	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
1,2-Dichlorobenzene	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
1,3-Dichlorobenzene	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
1,4-Dichlorobenzene	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
Dichlorodifluoromethane	<52		ug/kg dry	52	1	05/09/08 19:36	lck	8050227	SW 8260B
1,1-Dichloroethane	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
1,2-Dichloroethane	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
1,1-Dichloroethene	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
cis-1,2-Dichloroethene	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
trans-1,2-Dichloroethene	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
1,2-Dichloropropane	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
1,3-Dichloropropane	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B

GILES ENGINEERING - WISCONSIN  
 N8 W22350 Johnson Road  
 Waukesha, WI 53186  
 Mr. Kevin Bugel

Work Order: WRE0303  
 Project: 1E-0805001 Oconomowoc, WI  
 Project Number: 36929 Plank Road

Received: 05/08/08  
 Reported: 05/13/08 12:11

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WRE0303-02 (GP-1 14-16' - Solid/Soil) - cont.</b>						<b>Sampled: 05/06/08</b>			
VOCs by SW8260B - cont.									
2,2-Dichloropropane	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
1,1-Dichloropropane	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
cis-1,3-Dichloropropene	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
trans-1,3-Dichloropropene	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
2,3-Dichloropropene	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
Isopropyl Ether	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
Ethylbenzene	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
Hexachlorobutadiene	<37		ug/kg dry	37	1	05/09/08 19:36	lck	8050227	SW 8260B
Isopropylbenzene	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
p-Isopropyltoluene	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
Methylene Chloride	<52		ug/kg dry	52	1	05/09/08 19:36	lck	8050227	SW 8260B
Methyl tert-Butyl Ether	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
Naphthalene	<52		ug/kg dry	52	1	05/09/08 19:36	lck	8050227	SW 8260B
n-Propylbenzene	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
Styrene	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
1,1,1,2-Tetrachloroethane	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
1,1,2,2-Tetrachloroethane	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
<b>Tetrachloroethene</b>	<b>69</b>		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
Toluene	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
1,2,3-Trichlorobenzene	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
1,2,4-Trichlorobenzene	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
1,1,1-Trichloroethane	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
1,1,2-Trichloroethane	<37		ug/kg dry	37	1	05/09/08 19:36	lck	8050227	SW 8260B
Trichloroethene	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
Trichlorofluoromethane	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
1,2,3-Trichloropropane	<52		ug/kg dry	52	1	05/09/08 19:36	lck	8050227	SW 8260B
1,2,4-Trimethylbenzene	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
1,3,5-Trimethylbenzene	<26		ug/kg dry	26	1	05/09/08 19:36	lck	8050227	SW 8260B
Vinyl chloride	<37		ug/kg dry	37	1	05/09/08 19:36	lck	8050227	SW 8260B
Xylenes, total	<89		ug/kg dry	89	1	05/09/08 19:36	lck	8050227	SW 8260B
Surr: Dibromofluoromethane (82-112%)	94 %								
Surr: Toluene-d8 (91-106%)	100 %								
Surr: 4-Bromofluorobenzene (89-110%)	97 %								

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

602 Commerce Drive Watertown, WI 53094 \* 800-833-7036 \* Fax 920-261-8120

GILES ENGINEERING - WISCONSIN  
 N8 W22350 Johnson Road  
 Waukesha, WI 53186  
 Mr. Kevin Bugel

Work Order: WRE0303  
 Project: 1E-0805001 Oconomowoc, WI  
 Project Number: 36929 Plank Road

Received: 05/08/08  
 Reported: 05/13/08 12:11

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WRE0303-03 (HP-1 2-4' - Solid/Soil)</b>			<b>Sampled: 05/06/08</b>						
General Chemistry Parameters									
% Solids	94		%	NA	1	05/13/08 11:44	clj	8050273	SW 5035
VOCs by SW8260B									
Benzene	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
Bromobenzene	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
Bromochloromethane	<37		ug/kg dry	37	1	05/09/08 20:03	lck	8050227	SW 8260B
Bromodichloromethane	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
Bromoform	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
Bromomethane	<110		ug/kg dry	110	1	05/09/08 20:03	lck	8050227	SW 8260B
n-Butylbenzene	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
sec-Butylbenzene	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
tert-Butylbenzene	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
Carbon Tetrachloride	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
Chlorobenzene	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
Chlorodibromomethane	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
Chloroethane	<53		ug/kg dry	53	1	05/09/08 20:03	lck	8050227	SW 8260B
Chloroform	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
Chloromethane	<53		ug/kg dry	53	1	05/09/08 20:03	lck	8050227	SW 8260B
2-Chlorotoluene	<53		ug/kg dry	53	1	05/09/08 20:03	lck	8050227	SW 8260B
4-Chlorotoluene	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
1,2-Dibromo-3-chloropropane	<53		ug/kg dry	53	1	05/09/08 20:03	lck	8050227	SW 8260B
1,2-Dibromoethane (EDB)	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
Dibromomethane	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
1,2-Dichlorobenzene	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
1,3-Dichlorobenzene	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
1,4-Dichlorobenzene	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
Dichlorodifluoromethane	<53		ug/kg dry	53	1	05/09/08 20:03	lck	8050227	SW 8260B
1,1-Dichloroethane	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
1,2-Dichloroethane	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
1,1-Dichloroethene	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
cis-1,2-Dichloroethene	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
trans-1,2-Dichloroethene	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
1,2-Dichloropropane	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
1,3-Dichloropropane	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
2,2-Dichloropropane	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
1,1-Dichloropropene	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
cis-1,3-Dichloropropene	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
trans-1,3-Dichloropropene	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
2,3-Dichloropropene	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
Isopropyl Ether	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
Ethylbenzene	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
Hexachlorobutadiene	<37		ug/kg dry	37	1	05/09/08 20:03	lck	8050227	SW 8260B
Isopropylbenzene	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
p-Isopropyltoluene	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
Methylene Chloride	<53		ug/kg dry	53	1	05/09/08 20:03	lck	8050227	SW 8260B
Methyl tert-Butyl Ether	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
Naphthalene	<53		ug/kg dry	53	1	05/09/08 20:03	lck	8050227	SW 8260B
n-Propylbenzene	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
Styrene	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
1,1,1,2-Tetrachloroethane	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
1,1,2,2-Tetrachloroethane	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
<b>Tetrachloroethene</b>	<b>660</b>		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
Toluene	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B

TestAmerica Watertown  
 Brian DeJong For Dan F. Milewsky  
 Project Manager

GILES ENGINEERING - WISCONSIN  
 N8 W22350 Johnson Road  
 Waukesha, WI 53186  
 Mr. Kevin Bugel

Work Order: WRE0303  
 Project: 1E-0805001 Oconomowoc, WI  
 Project Number: 36929 Plank Road

Received: 05/08/08  
 Reported: 05/13/08 12:11

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WRE0303-03 (HP-1 2-4' - Solid/Soil) - cont.</b>						<b>Sampled: 05/06/08</b>			
VOCs by SW8260B - cont.									
1,2,3-Trichlorobenzene	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
1,2,4-Trichlorobenzene	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
1,1,1-Trichloroethane	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
1,1,2-Trichloroethane	<37		ug/kg dry	37	1	05/09/08 20:03	lck	8050227	SW 8260B
Trichloroethene	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
Trichlorofluoromethane	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
1,2,3-Trichloropropane	<53		ug/kg dry	53	1	05/09/08 20:03	lck	8050227	SW 8260B
1,2,4-Trimethylbenzene	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
1,3,5-Trimethylbenzene	<27		ug/kg dry	27	1	05/09/08 20:03	lck	8050227	SW 8260B
Vinyl chloride	<37		ug/kg dry	37	1	05/09/08 20:03	lck	8050227	SW 8260B
Xylenes, total	<91		ug/kg dry	91	1	05/09/08 20:03	lck	8050227	SW 8260B
Surr: Dibromofluoromethane (82-112%)	97 %								
Surr: Toluene-d8 (91-106%)	100 %								
Surr: 4-Bromofluorobenzene (89-110%)	98 %								
<b>Sample ID: WRE0303-04 (HP-2 2-4' - Solid/Soil)</b>						<b>Sampled: 05/06/08</b>			
General Chemistry Parameters									
% Solids	94		%	NA	1	05/13/08 11:44	clj	8050273	SW 5035
VOCs by SW8260B									
Benzene	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
Bromobenzene	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
Bromochloromethane	<37		ug/kg dry	37	1	05/09/08 20:30	lck	8050227	SW 8260B
Bromodichloromethane	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
Bromoform	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
Bromomethane	<110		ug/kg dry	110	1	05/09/08 20:30	lck	8050227	SW 8260B
n-Butylbenzene	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
sec-Butylbenzene	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
tert-Butylbenzene	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
Carbon Tetrachloride	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
Chlorobenzene	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
Chlorodibromomethane	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
Chloroethane	<53		ug/kg dry	53	1	05/09/08 20:30	lck	8050227	SW 8260B
Chloroform	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
Chloromethane	<53		ug/kg dry	53	1	05/09/08 20:30	lck	8050227	SW 8260B
2-Chlorotoluene	<53		ug/kg dry	53	1	05/09/08 20:30	lck	8050227	SW 8260B
4-Chlorotoluene	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
1,2-Dibromo-3-chloropropane	<53		ug/kg dry	53	1	05/09/08 20:30	lck	8050227	SW 8260B
1,2-Dibromoethane (EDB)	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
Dibromomethane	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
1,2-Dichlorobenzene	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
1,3-Dichlorobenzene	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
1,4-Dichlorobenzene	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
Dichlorodifluoromethane	<53		ug/kg dry	53	1	05/09/08 20:30	lck	8050227	SW 8260B
1,1-Dichloroethane	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
1,2-Dichloroethane	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
1,1-Dichloroethene	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
cis-1,2-Dichloroethene	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
trans-1,2-Dichloroethene	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
1,2-Dichloropropane	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
1,3-Dichloropropane	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
2,2-Dichloropropane	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
1,1-Dichloropropene	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B

GILES ENGINEERING - WISCONSIN  
 N8 W22350 Johnson Road  
 Waukesha, WI 53186  
 Mr. Kevin Bugel

Work Order: WRE0303  
 Project: 1E-0805001 Oconomowoc, WI  
 Project Number: 36929 Plank Road

Received: 05/08/08  
 Reported: 05/13/08 12:11

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WRE0303-04 (HP-2 2-4' - Solid/Soil) - cont.</b>						<b>Sampled: 05/06/08</b>			
VOCs by SW8260B - cont.									
cis-1,3-Dichloropropene	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
trans-1,3-Dichloropropene	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
2,3-Dichloropropene	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
Isopropyl Ether	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
Ethylbenzene	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
Hexachlorobutadiene	<37		ug/kg dry	37	1	05/09/08 20:30	lck	8050227	SW 8260B
Isopropylbenzene	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
p-Isopropyltoluene	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
Methylene Chloride	<53		ug/kg dry	53	1	05/09/08 20:30	lck	8050227	SW 8260B
Methyl tert-Butyl Ether	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
Naphthalene	<53		ug/kg dry	53	1	05/09/08 20:30	lck	8050227	SW 8260B
n-Propylbenzene	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
Styrene	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
1,1,1,2-Tetrachloroethane	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
1,1,2,2-Tetrachloroethane	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
Tetrachloroethene	380		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
Toluene	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
1,2,3-Trichlorobenzene	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
1,2,4-Trichlorobenzene	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
1,1,1-Trichloroethane	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
1,1,2-Trichloroethane	<37		ug/kg dry	37	1	05/09/08 20:30	lck	8050227	SW 8260B
Trichloroethene	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
Trichlorofluoromethane	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
1,2,3-Trichloropropane	<53		ug/kg dry	53	1	05/09/08 20:30	lck	8050227	SW 8260B
1,2,4-Trimethylbenzene	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
1,3,5-Trimethylbenzene	<27		ug/kg dry	27	1	05/09/08 20:30	lck	8050227	SW 8260B
Vinyl chloride	<37		ug/kg dry	37	1	05/09/08 20:30	lck	8050227	SW 8260B
Xylenes, total	<90		ug/kg dry	90	1	05/09/08 20:30	lck	8050227	SW 8260B
Surr: Dibromofluoromethane (82-112%)	97 %								
Surr: Toluene-d8 (91-106%)	98 %								
Surr: 4-Bromofluorobenzene (89-110%)	97 %								

GILES ENGINEERING - WISCONSIN  
 N8 W22350 Johnson Road  
 Waukesha, WI 53186  
 Mr. Kevin Bugel

Work Order: WRE0303  
 Project: 1E-0805001 Oconomowoc, WI  
 Project Number: 36929 Plank Road

Received: 05/08/08  
 Reported: 05/13/08 12:11

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Seq/ Analyst Batch	Method
<b>Sample ID: WRE0303-05 (HP-2 6-8' - Solid/Soil)</b>						<b>Sampled: 05/06/08</b>		
General Chemistry Parameters								
% Solids	94		%	NA	1	05/13/08 11:44	clj 8050273	SW 5035
VOCs by SW8260B								
Benzene	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
Bromobenzene	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
Bromochloromethane	<37		ug/kg dry	37	1	05/10/08 12:55	EML 8050250	SW 8260B
Bromodichloromethane	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
Bromoform	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
Bromomethane	<110		ug/kg dry	110	1	05/10/08 12:55	EML 8050250	SW 8260B
n-Butylbenzene	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
sec-Butylbenzene	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
tert-Butylbenzene	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
Carbon Tetrachloride	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
Chlorobenzene	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
Chlorodibromomethane	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
Chloroethane	<53		ug/kg dry	53	1	05/10/08 12:55	EML 8050250	SW 8260B
Chloroform	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
Chloromethane	<53		ug/kg dry	53	1	05/10/08 12:55	EML 8050250	SW 8260B
2-Chlorotoluene	<53		ug/kg dry	53	1	05/10/08 12:55	EML 8050250	SW 8260B
4-Chlorotoluene	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
1,2-Dibromo-3-chloropropane	<53		ug/kg dry	53	1	05/10/08 12:55	EML 8050250	SW 8260B
1,2-Dibromoethane (EDB)	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
Dibromomethane	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
1,2-Dichlorobenzene	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
1,3-Dichlorobenzene	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
1,4-Dichlorobenzene	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
Dichlorodifluoromethane	<53		ug/kg dry	53	1	05/10/08 12:55	EML 8050250	SW 8260B
1,1-Dichloroethane	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
1,2-Dichloroethane	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
1,1-Dichloroethene	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
cis-1,2-Dichloroethene	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
trans-1,2-Dichloroethene	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
1,2-Dichloropropane	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
1,3-Dichloropropane	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
2,2-Dichloropropane	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
1,1-Dichloropropene	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
cis-1,3-Dichloropropene	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
trans-1,3-Dichloropropene	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
2,3-Dichloropropene	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
Isopropyl Ether	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
Ethylbenzene	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
Hexachlorobutadiene	<37		ug/kg dry	37	1	05/10/08 12:55	EML 8050250	SW 8260B
Isopropylbenzene	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
p-Isopropyltoluene	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
Methylene Chloride	<53		ug/kg dry	53	1	05/10/08 12:55	EML 8050250	SW 8260B
Methyl tert-Butyl Ether	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
Naphthalene	<53		ug/kg dry	53	1	05/10/08 12:55	EML 8050250	SW 8260B
n-Propylbenzene	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
Styrene	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
1,1,1,2-Tetrachloroethane	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
1,1,2,2-Tetrachloroethane	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
<b>Tetrachloroethene</b>	<b>2700</b>		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B
Toluene	<26		ug/kg dry	26	1	05/10/08 12:55	EML 8050250	SW 8260B

GILES ENGINEERING - WISCONSIN  
 N8 W22350 Johnson Road  
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 Mr. Kevin Bugel

Work Order: WRE0303  
 Project: 1E-0805001 Oconomowoc, WI  
 Project Number: 36929 Plank Road

Received: 05/08/08  
 Reported: 05/13/08 12:11

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WRE0303-05 (HP-2 6-8' - Solid/Soil) - cont.</b>						<b>Sampled: 05/06/08</b>			
VOCs by SW8260B - cont.									
1,2,3-Trichlorobenzene	<26		ug/kg dry	26	1	05/10/08 12:55	EML	8050250	SW 8260B
1,2,4-Trichlorobenzene	<26		ug/kg dry	26	1	05/10/08 12:55	EML	8050250	SW 8260B
1,1,1-Trichloroethane	<26		ug/kg dry	26	1	05/10/08 12:55	EML	8050250	SW 8260B
1,1,2-Trichloroethane	<37		ug/kg dry	37	1	05/10/08 12:55	EML	8050250	SW 8260B
Trichloroethene	<26		ug/kg dry	26	1	05/10/08 12:55	EML	8050250	SW 8260B
Trichlorofluoromethane	<26		ug/kg dry	26	1	05/10/08 12:55	EML	8050250	SW 8260B
1,2,3-Trichloropropane	<53		ug/kg dry	53	1	05/10/08 12:55	EML	8050250	SW 8260B
1,2,4-Trimethylbenzene	<26		ug/kg dry	26	1	05/10/08 12:55	EML	8050250	SW 8260B
1,3,5-Trimethylbenzene	<26		ug/kg dry	26	1	05/10/08 12:55	EML	8050250	SW 8260B
Vinyl chloride	<37		ug/kg dry	37	1	05/10/08 12:55	EML	8050250	SW 8260B
Xylenes, total	<90		ug/kg dry	90	1	05/10/08 12:55	EML	8050250	SW 8260B
<i>Surr: Dibromofluoromethane (82-112%)</i>	<i>104 %</i>								
<i>Surr: Toluene-d8 (91-106%)</i>	<i>96 %</i>								
<i>Surr: 4-Bromofluorobenzene (89-110%)</i>	<i>95 %</i>								

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 Project Number: 36929 Plank Road

Received: 05/08/08  
 Reported: 05/13/08 12:11

## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Spike Result Level	Units	MDL	MRL	Result	Dup	%	Dup	%	REC	RPD	Limit	Q
							Result	REC	%REC	Limits	RPD	Limit		
<b>VOCs by SW8260B</b>														
Benzene	8050227		ug/kg wet	N/A	25	<25								
Bromobenzene	8050227		ug/kg wet	N/A	25	<25								
Bromochloromethane	8050227		ug/kg wet	N/A	35	<35								
Bromodichloromethane	8050227		ug/kg wet	N/A	25	<25								
Bromoform	8050227		ug/kg wet	N/A	25	<25								
Bromomethane	8050227		ug/kg wet	N/A	100	<100								
n-Butylbenzene	8050227		ug/kg wet	N/A	25	<25								
sec-Butylbenzene	8050227		ug/kg wet	N/A	25	<25								
tert-Butylbenzene	8050227		ug/kg wet	N/A	25	<25								
Carbon Tetrachloride	8050227		ug/kg wet	N/A	25	<25								
Chlorobenzene	8050227		ug/kg wet	N/A	25	<25								
Chlorodibromomethane	8050227		ug/kg wet	N/A	25	<25								
Chloroethane	8050227		ug/kg wet	N/A	50	<50								
Chloroform	8050227		ug/kg wet	N/A	25	<25								
Chloromethane	8050227		ug/kg wet	N/A	50	<50								
2-Chlorotoluene	8050227		ug/kg wet	N/A	50	<50								
4-Chlorotoluene	8050227		ug/kg wet	N/A	25	<25								
1,2-Dibromo-3-chloropropane	8050227		ug/kg wet	N/A	50	<50								
1,2-Dibromoethane (EDB)	8050227		ug/kg wet	N/A	25	<25								
Dibromomethane	8050227		ug/kg wet	N/A	25	<25								
1,2-Dichlorobenzene	8050227		ug/kg wet	N/A	25	<25								
1,3-Dichlorobenzene	8050227		ug/kg wet	N/A	25	<25								
1,4-Dichlorobenzene	8050227		ug/kg wet	N/A	25	<25								
Dichlorodifluoromethane	8050227		ug/kg wet	N/A	50	<50								
1,1-Dichloroethane	8050227		ug/kg wet	N/A	25	<25								
1,2-Dichloroethane	8050227		ug/kg wet	N/A	25	<25								
1,1-Dichloroethene	8050227		ug/kg wet	N/A	25	<25								
cis-1,2-Dichloroethene	8050227		ug/kg wet	N/A	25	<25								
trans-1,2-Dichloroethene	8050227		ug/kg wet	N/A	25	<25								
1,2-Dichloropropane	8050227		ug/kg wet	N/A	25	<25								
1,3-Dichloropropane	8050227		ug/kg wet	N/A	25	<25								
2,2-Dichloropropane	8050227		ug/kg wet	N/A	25	<25								
1,1-Dichloropropene	8050227		ug/kg wet	N/A	25	<25								
cis-1,3-Dichloropropene	8050227		ug/kg wet	N/A	25	<25								
trans-1,3-Dichloropropene	8050227		ug/kg wet	N/A	25	<25								
2,3-Dichloropropene	8050227		ug/kg wet	N/A	25	<25								
Isopropyl Ether	8050227		ug/kg wet	N/A	25	<25								
Ethylbenzene	8050227		ug/kg wet	N/A	25	<25								
Hexachlorobutadiene	8050227		ug/kg wet	N/A	35	<35								
Isopropylbenzene	8050227		ug/kg wet	N/A	25	<25								
p-Isopropyltoluene	8050227		ug/kg wet	N/A	25	<25								
Methylene Chloride	8050227		ug/kg wet	N/A	50	<50								
Methyl tert-Butyl Ether	8050227		ug/kg wet	N/A	25	<25								
Naphthalene	8050227		ug/kg wet	N/A	50	<50								
n-Propylbenzene	8050227		ug/kg wet	N/A	25	<25								



GILES ENGINEERING - WISCONSIN  
 N8 W22350 Johnson Road  
 Waukesha, WI 53186  
 Mr. Kevin Bugel

Work Order: WRE0303  
 Project: 1E-0805001 Oconomowoc, WI  
 Project Number: 36929 Plank Road

Received: 05/08/08  
 Reported: 05/13/08 12:11

## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Spike Result Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>													
Styrene	8050227		ug/kg wet	N/A	25	<25							
1,1,1,2-Tetrachloroethane	8050227		ug/kg wet	N/A	25	<25							
1,1,2,2-Tetrachloroethane	8050227		ug/kg wet	N/A	25	<25							
Tetrachloroethene	8050227		ug/kg wet	N/A	25	<25							
Toluene	8050227		ug/kg wet	N/A	25	<25							
1,2,3-Trichlorobenzene	8050227		ug/kg wet	N/A	25	<25							
1,2,4-Trichlorobenzene	8050227		ug/kg wet	N/A	25	<25							
1,1,1-Trichloroethane	8050227		ug/kg wet	N/A	25	<25							
1,1,2-Trichloroethane	8050227		ug/kg wet	N/A	35	<35							
Trichloroethene	8050227		ug/kg wet	N/A	25	<25							
Trichlorofluoromethane	8050227		ug/kg wet	N/A	25	<25							
1,2,3-Trichloropropane	8050227		ug/kg wet	N/A	50	<50							
1,2,4-Trimethylbenzene	8050227		ug/kg wet	N/A	25	<25							
1,3,5-Trimethylbenzene	8050227		ug/kg wet	N/A	25	<25							
Vinyl chloride	8050227		ug/kg wet	N/A	35	<35							
Xylenes, total	8050227		ug/kg wet	N/A	85	<85							
<i>Surrogate: Dibromofluoromethane</i>	<i>8050227</i>		ug/kg wet						97		82-112		
<i>Surrogate: Toluene-d8</i>	<i>8050227</i>		ug/kg wet						100		91-106		
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>8050227</i>		ug/kg wet						96		89-110		
Benzene	8050250		ug/kg wet	N/A	25	<25							
Bromobenzene	8050250		ug/kg wet	N/A	25	<25							
Bromochloromethane	8050250		ug/kg wet	N/A	35	<35							
Bromodichloromethane	8050250		ug/kg wet	N/A	25	<25							
Bromoform	8050250		ug/kg wet	N/A	25	<25							
Bromomethane	8050250		ug/kg wet	N/A	100	<100							
n-Butylbenzene	8050250		ug/kg wet	N/A	25	<25							
sec-Butylbenzene	8050250		ug/kg wet	N/A	25	<25							
tert-Butylbenzene	8050250		ug/kg wet	N/A	25	<25							
Carbon Tetrachloride	8050250		ug/kg wet	N/A	25	<25							
Chlorobenzene	8050250		ug/kg wet	N/A	25	<25							
Chlorodibromomethane	8050250		ug/kg wet	N/A	25	<25							
Chloroethane	8050250		ug/kg wet	N/A	50	<50							
Chloroform	8050250		ug/kg wet	N/A	25	<25							
Chloromethane	8050250		ug/kg wet	N/A	50	<50							
2-Chlorotoluene	8050250		ug/kg wet	N/A	50	<50							
4-Chlorotoluene	8050250		ug/kg wet	N/A	25	<25							
1,2-Dibromo-3-chloropropane	8050250		ug/kg wet	N/A	50	<50							
1,2-Dibromoethane (EDB)	8050250		ug/kg wet	N/A	25	<25							
Dibromomethane	8050250		ug/kg wet	N/A	25	<25							
1,2-Dichlorobenzene	8050250		ug/kg wet	N/A	25	<25							
1,3-Dichlorobenzene	8050250		ug/kg wet	N/A	25	<25							
1,4-Dichlorobenzene	8050250		ug/kg wet	N/A	25	<25							
Dichlorodifluoromethane	8050250		ug/kg wet	N/A	50	<50							
1,1-Dichloroethane	8050250		ug/kg wet	N/A	25	<25							

GILES ENGINEERING - WISCONSIN  
 N8 W22350 Johnson Road  
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 Mr. Kevin Bugel

Work Order: WRE0303  
 Project: 1E-0805001 Oconomowoc, WI  
 Project Number: 36929 Plank Road  
 Received: 05/08/08  
 Reported: 05/13/08 12:11

## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Spike Result Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	REC Limits	RPD RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>													
1,2-Dichloroethane	8050250		ug/kg wet	N/A	25	<25							
1,1-Dichloroethene	8050250		ug/kg wet	N/A	25	<25							
cis-1,2-Dichloroethene	8050250		ug/kg wet	N/A	25	<25							
trans-1,2-Dichloroethene	8050250		ug/kg wet	N/A	25	<25							
1,2-Dichloropropane	8050250		ug/kg wet	N/A	25	<25							
1,3-Dichloropropane	8050250		ug/kg wet	N/A	25	<25							
2,2-Dichloropropane	8050250		ug/kg wet	N/A	25	<25							
1,1-Dichloropropene	8050250		ug/kg wet	N/A	25	<25							
cis-1,3-Dichloropropene	8050250		ug/kg wet	N/A	25	<25							
trans-1,3-Dichloropropene	8050250		ug/kg wet	N/A	25	<25							
2,3-Dichloropropene	8050250		ug/kg wet	N/A	25	<25							
Isopropyl Ether	8050250		ug/kg wet	N/A	25	<25							
Ethylbenzene	8050250		ug/kg wet	N/A	25	<25							
Hexachlorobutadiene	8050250		ug/kg wet	N/A	35	<35							
Isopropylbenzene	8050250		ug/kg wet	N/A	25	<25							
p-Isopropyltoluene	8050250		ug/kg wet	N/A	25	<25							
Methylene Chloride	8050250		ug/kg wet	N/A	50	<50							
Methyl tert-Butyl Ether	8050250		ug/kg wet	N/A	25	<25							
Naphthalene	8050250		ug/kg wet	N/A	50	<50							
n-Propylbenzene	8050250		ug/kg wet	N/A	25	<25							
Styrene	8050250		ug/kg wet	N/A	25	<25							
1,1,1,2-Tetrachloroethane	8050250		ug/kg wet	N/A	25	<25							
1,1,2,2-Tetrachloroethane	8050250		ug/kg wet	N/A	25	<25							
Tetrachloroethene	8050250		ug/kg wet	N/A	25	<25							
Toluene	8050250		ug/kg wet	N/A	25	<25							
1,2,3-Trichlorobenzene	8050250		ug/kg wet	N/A	25	<25							
1,2,4-Trichlorobenzene	8050250		ug/kg wet	N/A	25	<25							
1,1,1-Trichloroethane	8050250		ug/kg wet	N/A	25	<25							
1,1,2-Trichloroethane	8050250		ug/kg wet	N/A	35	<35							
Trichloroethene	8050250		ug/kg wet	N/A	25	<25							
Trichlorofluoromethane	8050250		ug/kg wet	N/A	25	<25							
1,2,3-Trichloropropane	8050250		ug/kg wet	N/A	50	<50							
1,2,4-Trimethylbenzene	8050250		ug/kg wet	N/A	25	<25							
1,3,5-Trimethylbenzene	8050250		ug/kg wet	N/A	25	<25							
Vinyl chloride	8050250		ug/kg wet	N/A	35	<35							
Xylenes, total	8050250		ug/kg wet	N/A	85	<85							
Surrogate: Dibromofluoromethane	8050250		ug/kg wet					112		82-112			
Surrogate: Toluene-d8	8050250		ug/kg wet					95		91-106			
Surrogate: 4-Bromofluorobenzene	8050250		ug/kg wet					99		89-110			

GILES ENGINEERING - WISCONSIN  
 N8 W22350 Johnson Road  
 Waukesha, WI 53186  
 Mr. Kevin Bugel

Work Order: WRE0303  
 Project: 1E-0805001 Oconomowoc, WI  
 Project Number: 36929 Plank Road

Received: 05/08/08  
 Reported: 05/13/08 12:11

## CCV QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	%REC Limits	RPD RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>														
Benzene	8E09004	2500.0	ug/kg wet	N/A	N/A	2360	94				80-120			
Bromobenzene	8E09004	2500.0	ug/kg wet	N/A	N/A	2180	87				80-120			
Bromochloromethane	8E09004	2500.0	ug/kg wet	N/A	N/A	2290	92				80-120			
Bromodichloromethane	8E09004	2500.0	ug/kg wet	N/A	N/A	2280	91				80-120			
Bromoform	8E09004	2500.0	ug/kg wet	N/A	N/A	2340	94				80-120			
Bromomethane	8E09004	2500.0	ug/kg wet	N/A	N/A	2240	90				80-120			
n-Butylbenzene	8E09004	2500.0	ug/kg wet	N/A	N/A	2530	101				80-120			
sec-Butylbenzene	8E09004	2500.0	ug/kg wet	N/A	N/A	2370	95				80-120			
tert-Butylbenzene	8E09004	2500.0	ug/kg wet	N/A	N/A	2350	94				80-120			
Carbon Tetrachloride	8E09004	2500.0	ug/kg wet	N/A	N/A	2310	93				80-120			
Chlorobenzene	8E09004	2500.0	ug/kg wet	N/A	N/A	2350	94				80-120			
Chlorodibromomethane	8E09004	2500.0	ug/kg wet	N/A	N/A	2260	90				80-120			
Chloroethane	8E09004	2500.0	ug/kg wet	N/A	N/A	2370	95				80-120			
Chloroform	8E09004	2500.0	ug/kg wet	N/A	N/A	2270	91				80-120			
Chloromethane	8E09004	2500.0	ug/kg wet	N/A	N/A	2490	100				80-120			
2-Chlorotoluene	8E09004	2500.0	ug/kg wet	N/A	N/A	2270	91				80-120			
4-Chlorotoluene	8E09004	2500.0	ug/kg wet	N/A	N/A	2290	92				80-120			
1,2-Dibromo-3-chloropropane	8E09004	2500.0	ug/kg wet	N/A	N/A	2320	93				80-120			
1,2-Dibromoethane (EDB)	8E09004	2500.0	ug/kg wet	N/A	N/A	2340	94				80-120			
Dibromomethane	8E09004	2500.0	ug/kg wet	N/A	N/A	2290	91				80-120			
1,2-Dichlorobenzene	8E09004	2500.0	ug/kg wet	N/A	N/A	2290	92				80-120			
1,3-Dichlorobenzene	8E09004	2500.0	ug/kg wet	N/A	N/A	2320	93				80-120			
1,4-Dichlorobenzene	8E09004	2500.0	ug/kg wet	N/A	N/A	2310	92				80-120			
Dichlorodifluoromethane	8E09004	2500.0	ug/kg wet	N/A	N/A	2650	106				80-120			
1,1-Dichloroethane	8E09004	2500.0	ug/kg wet	N/A	N/A	2320	93				80-120			
1,2-Dichloroethane	8E09004	2500.0	ug/kg wet	N/A	N/A	2220	89				80-120			
1,1-Dichloroethene	8E09004	2500.0	ug/kg wet	N/A	N/A	2430	97				80-120			
cis-1,2-Dichloroethene	8E09004	2500.0	ug/kg wet	N/A	N/A	2360	95				80-120			
trans-1,2-Dichloroethene	8E09004	2500.0	ug/kg wet	N/A	N/A	2370	95				80-120			
1,2-Dichloropropane	8E09004	2500.0	ug/kg wet	N/A	N/A	2290	92				80-120			
1,3-Dichloropropane	8E09004	2500.0	ug/kg wet	N/A	N/A	2290	92				80-120			
2,2-Dichloropropane	8E09004	2500.0	ug/kg wet	N/A	N/A	2320	93				80-120			
1,1-Dichloropropene	8E09004	2500.0	ug/kg wet	N/A	N/A	2360	95				80-120			
cis-1,3-Dichloropropene	8E09004	2500.0	ug/kg wet	N/A	N/A	2320	93				80-120			
trans-1,3-Dichloropropene	8E09004	2500.0	ug/kg wet	N/A	N/A	2290	92				80-120			
2,3-Dichloropropene	8E09004	2500.0	ug/kg wet	N/A	N/A	2320	93				80-120			
Isopropyl Ether	8E09004	2500.0	ug/kg wet	N/A	N/A	2290	92				80-120			
Ethylbenzene	8E09004	2500.0	ug/kg wet	N/A	N/A	2450	98				80-120			
Hexachlorobutadiene	8E09004	2500.0	ug/kg wet	N/A	N/A	2570	103				80-120			
Isopropylbenzene	8E09004	2500.0	ug/kg wet	N/A	N/A	2490	100				80-120			
p-Isopropyltoluene	8E09004	2500.0	ug/kg wet	N/A	N/A	2440	98				80-120			
Methylene Chloride	8E09004	2500.0	ug/kg wet	N/A	N/A	2280	91				80-120			
Methyl tert-Butyl Ether	8E09004	2500.0	ug/kg wet	N/A	N/A	2170	87				80-120			
Naphthalene	8E09004	2500.0	ug/kg wet	N/A	N/A	2640	106				80-120			
n-Propylbenzene	8E09004	2500.0	ug/kg wet	N/A	N/A	2370	95				80-120			

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 Project Number: 36929 Plank Road

Received: 05/08/08  
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## CCV QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	Limit	Q
<b>VOCs by SW8260B</b>														
Styrene	8E09004	2500.0	ug/kg wet	N/A	N/A	2370		95			80-120			
1,1,1,2-Tetrachloroethane	8E09004	2500.0	ug/kg wet	N/A	N/A	2320		93			80-120			
1,1,2,2-Tetrachloroethane	8E09004	2500.0	ug/kg wet	N/A	N/A	2140		85			80-120			
Tetrachloroethene	8E09004	2500.0	ug/kg wet	N/A	N/A	2400		96			80-120			
Toluene	8E09004	2500.0	ug/kg wet	N/A	N/A	2380		95			80-120			
1,2,3-Trichlorobenzene	8E09004	2500.0	ug/kg wet	N/A	N/A	2570		103			80-120			
1,2,4-Trichlorobenzene	8E09004	2500.0	ug/kg wet	N/A	N/A	2640		105			80-120			
1,1,1-Trichloroethane	8E09004	2500.0	ug/kg wet	N/A	N/A	2310		92			80-120			
1,1,2-Trichloroethane	8E09004	2500.0	ug/kg wet	N/A	N/A	2270		91			80-120			
Trichloroethene	8E09004	2500.0	ug/kg wet	N/A	N/A	2380		95			80-120			
Trichlorofluoromethane	8E09004	2500.0	ug/kg wet	N/A	N/A	2370		95			80-120			
1,2,3-Trichloropropane	8E09004	2500.0	ug/kg wet	N/A	N/A	2310		92			80-120			
1,2,4-Trimethylbenzene	8E09004	2500.0	ug/kg wet	N/A	N/A	2360		94			80-120			
1,3,5-Trimethylbenzene	8E09004	2500.0	ug/kg wet	N/A	N/A	2340		94			80-120			
Vinyl chloride	8E09004	2500.0	ug/kg wet	N/A	N/A	2510		100			80-120			
Xylenes, total	8E09004	7500.0	ug/kg wet	N/A	N/A	7320		98			80-120			
Surrogate: Dibromofluoromethane	8E09004		ug/kg wet					97			80-120			
Surrogate: Toluene-d8	8E09004		ug/kg wet					100			80-120			
Surrogate: 4-Bromofluorobenzene	8E09004		ug/kg wet					102			80-120			
Benzene	8E10001	2500.0	ug/kg wet	N/A	N/A	2510		101			80-120			
Bromobenzene	8E10001	2500.0	ug/kg wet	N/A	N/A	2570		103			80-120			
Bromochloromethane	8E10001	2500.0	ug/kg wet	N/A	N/A	2570		103			80-120			
Bromodichloromethane	8E10001	2500.0	ug/kg wet	N/A	N/A	2610		104			80-120			
Bromoform	8E10001	2500.0	ug/kg wet	N/A	N/A	2700		108			80-120			
Bromomethane	8E10001	2500.0	ug/kg wet	N/A	N/A	2140		86			80-120			
n-Butylbenzene	8E10001	2500.0	ug/kg wet	N/A	N/A	2660		107			80-120			
sec-Butylbenzene	8E10001	2500.0	ug/kg wet	N/A	N/A	2640		106			80-120			
tert-Butylbenzene	8E10001	2500.0	ug/kg wet	N/A	N/A	2660		107			80-120			
Carbon Tetrachloride	8E10001	2500.0	ug/kg wet	N/A	N/A	2630		105			80-120			
Chlorobenzene	8E10001	2500.0	ug/kg wet	N/A	N/A	2460		98			80-120			
Chlorodibromomethane	8E10001	2500.0	ug/kg wet	N/A	N/A	2610		104			80-120			
Chloroethane	8E10001	2500.0	ug/kg wet	N/A	N/A	2160		87			80-120			
Chloroform	8E10001	2500.0	ug/kg wet	N/A	N/A	2590		104			80-120			
Chloromethane	8E10001	2500.0	ug/kg wet	N/A	N/A	2130		85			80-120			
2-Chlorotoluene	8E10001	2500.0	ug/kg wet	N/A	N/A	2650		106			80-120			
4-Chlorotoluene	8E10001	2500.0	ug/kg wet	N/A	N/A	2720		109			80-120			
1,2-Dibromo-3-chloropropane	8E10001	2500.0	ug/kg wet	N/A	N/A	2480		99			80-120			
1,2-Dibromoethane (EDB)	8E10001	2500.0	ug/kg wet	N/A	N/A	2630		105			80-120			
Dibromomethane	8E10001	2500.0	ug/kg wet	N/A	N/A	2590		104			80-120			
1,2-Dichlorobenzene	8E10001	2500.0	ug/kg wet	N/A	N/A	2480		99			80-120			
1,3-Dichlorobenzene	8E10001	2500.0	ug/kg wet	N/A	N/A	2520		101			80-120			
1,4-Dichlorobenzene	8E10001	2500.0	ug/kg wet	N/A	N/A	2460		98			80-120			
Dichlorodifluoromethane	8E10001	2500.0	ug/kg wet	N/A	N/A	2290		91			80-120			
1,1-Dichloroethane	8E10001	2500.0	ug/kg wet	N/A	N/A	2450		98			80-120			

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 Project Number: 36929 Plank Road  
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## CCV QC DATA

Analyte	Seq/ Batch	Source Spike Result Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>													
1,2-Dichloroethane	8E10001	2500.0	ug/kg wet	N/A	N/A	2570		103		80-120			
1,1-Dichloroethene	8E10001	2500.0	ug/kg wet	N/A	N/A	2430		97		80-120			
cis-1,2-Dichloroethene	8E10001	2500.0	ug/kg wet	N/A	N/A	2600		104		80-120			
trans-1,2-Dichloroethene	8E10001	2500.0	ug/kg wet	N/A	N/A	2470		99		80-120			
1,2-Dichloropropane	8E10001	2500.0	ug/kg wet	N/A	N/A	2560		102		80-120			
1,3-Dichloropropane	8E10001	2500.0	ug/kg wet	N/A	N/A	2630		105		80-120			
2,2-Dichloropropane	8E10001	2500.0	ug/kg wet	N/A	N/A	2680		107		80-120			
1,1-Dichloropropene	8E10001	2500.0	ug/kg wet	N/A	N/A	2660		106		80-120			
cis-1,3-Dichloropropene	8E10001	2500.0	ug/kg wet	N/A	N/A	2830		113		80-120			
trans-1,3-Dichloropropene	8E10001	2500.0	ug/kg wet	N/A	N/A	2730		109		80-120			
2,3-Dichloropropene	8E10001	2500.0	ug/kg wet	N/A	N/A	2690		107		80-120			
Isopropyl Ether	8E10001	2500.0	ug/kg wet	N/A	N/A	2600		104		80-120			
Ethylbenzene	8E10001	2500.0	ug/kg wet	N/A	N/A	2590		104		80-120			
Hexachlorobutadiene	8E10001	2500.0	ug/kg wet	N/A	N/A	2420		97		80-120			
Isopropylbenzene	8E10001	2500.0	ug/kg wet	N/A	N/A	2670		107		80-120			
p-Isopropyltoluene	8E10001	2500.0	ug/kg wet	N/A	N/A	2650		106		80-120			
Methylene Chloride	8E10001	2500.0	ug/kg wet	N/A	N/A	2450		98		80-120			
Methyl tert-Butyl Ether	8E10001	2500.0	ug/kg wet	N/A	N/A	2640		105		80-120			
Naphthalene	8E10001	2500.0	ug/kg wet	N/A	N/A	2580		103		80-120			
n-Propylbenzene	8E10001	2500.0	ug/kg wet	N/A	N/A	2720		109		80-120			
Styrene	8E10001	2500.0	ug/kg wet	N/A	N/A	2720		109		80-120			
1,1,1,2-Tetrachloroethane	8E10001	2500.0	ug/kg wet	N/A	N/A	2540		102		80-120			
1,1,2,2-Tetrachloroethane	8E10001	2500.0	ug/kg wet	N/A	N/A	2530		101		80-120			
Tetrachloroethene	8E10001	2500.0	ug/kg wet	N/A	N/A	2480		99		80-120			
Toluene	8E10001	2500.0	ug/kg wet	N/A	N/A	2520		101		80-120			
1,2,3-Trichlorobenzene	8E10001	2500.0	ug/kg wet	N/A	N/A	2520		101		80-120			
1,2,4-Trichlorobenzene	8E10001	2500.0	ug/kg wet	N/A	N/A	2570		103		80-120			
1,1,1-Trichloroethane	8E10001	2500.0	ug/kg wet	N/A	N/A	2510		100		80-120			
1,1,2-Trichloroethane	8E10001	2500.0	ug/kg wet	N/A	N/A	2530		101		80-120			
Trichloroethene	8E10001	2500.0	ug/kg wet	N/A	N/A	2570		103		80-120			
Trichlorofluoromethane	8E10001	2500.0	ug/kg wet	N/A	N/A	2440		98		80-120			
1,2,3-Trichloropropane	8E10001	2500.0	ug/kg wet	N/A	N/A	2510		100		80-120			
1,2,4-Trimethylbenzene	8E10001	2500.0	ug/kg wet	N/A	N/A	2640		106		80-120			
1,3,5-Trimethylbenzene	8E10001	2500.0	ug/kg wet	N/A	N/A	2650		106		80-120			
Vinyl chloride	8E10001	2500.0	ug/kg wet	N/A	N/A	2230		89		80-120			
Xylenes, total	8E10001	7500.0	ug/kg wet	N/A	N/A	7930		106		80-120			
Surrogate: Dibromofluoromethane	8E10001		ug/kg wet					104		80-120			
Surrogate: Toluene-d8	8E10001		ug/kg wet					99		80-120			
Surrogate: 4-Bromofluorobenzene	8E10001		ug/kg wet					103		80-120			

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## LABORATORY DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Spike Result Level	Units	MDL	MRL	Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>General Chemistry Parameters</b>												
QC Source Sample: WRE0287-05												
% Solids	8050272	83.5	%	N/A	N/A	83.2				0	20	
QC Source Sample: WRE0303-01												
% Solids	8050272	94.6	%	N/A	N/A	94.8				0	20	
QC Source Sample: WRE0306-02												
% Solids	8050273	94.4	%	N/A	N/A	94.6				0	20	
QC Source Sample: WRE0313-03												
% Solids	8050273	90.3	%	N/A	N/A	90.3				0	20	

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### LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>														
Benzene	8050227	2500.0	ug/kg wet	N/A	N/A	2440	98				64-124			
Bromobenzene	8050227	2500.0	ug/kg wet	N/A	N/A	2310	92				70-130			
Bromochloromethane	8050227	2500.0	ug/kg wet	N/A	N/A	2420	97				70-130			
Bromodichloromethane	8050227	2500.0	ug/kg wet	N/A	N/A	2400	96				70-130			
Bromoform	8050227	2500.0	ug/kg wet	N/A	N/A	2610	104				70-130			
Bromomethane	8050227	2500.0	ug/kg wet	N/A	N/A	2340	94				70-130			
n-Butylbenzene	8050227	2500.0	ug/kg wet	N/A	N/A	2610	105				70-130			
sec-Butylbenzene	8050227	2500.0	ug/kg wet	N/A	N/A	2450	98				70-130			
tert-Butylbenzene	8050227	2500.0	ug/kg wet	N/A	N/A	2400	96				70-130			
Carbon Tetrachloride	8050227	2500.0	ug/kg wet	N/A	N/A	2460	98				70-130			
Chlorobenzene	8050227	2500.0	ug/kg wet	N/A	N/A	2490	100				80-123			
Chlorodibromomethane	8050227	2500.0	ug/kg wet	N/A	N/A	2540	102				70-130			
Chloroethane	8050227	2500.0	ug/kg wet	N/A	N/A	2420	97				70-130			
Chloroform	8050227	2500.0	ug/kg wet	N/A	N/A	2330	93				70-130			
Chloromethane	8050227	2500.0	ug/kg wet	N/A	N/A	2710	108				70-130			
2-Chlorotoluene	8050227	2500.0	ug/kg wet	N/A	N/A	2380	95				70-130			
4-Chlorotoluene	8050227	2500.0	ug/kg wet	N/A	N/A	2400	96				70-130			
1,2-Dibromo-3-chloropropane	8050227	2500.0	ug/kg wet	N/A	N/A	2810	112				70-130			
1,2-Dibromoethane (EDB)	8050227	2500.0	ug/kg wet	N/A	N/A	2550	102				70-130			
Dibromomethane	8050227	2500.0	ug/kg wet	N/A	N/A	2430	97				70-130			
1,2-Dichlorobenzene	8050227	2500.0	ug/kg wet	N/A	N/A	2480	99				70-130			
1,3-Dichlorobenzene	8050227	2500.0	ug/kg wet	N/A	N/A	2490	99				70-130			
1,4-Dichlorobenzene	8050227	2500.0	ug/kg wet	N/A	N/A	2470	99				70-130			
Dichlorodifluoromethane	8050227	2500.0	ug/kg wet	N/A	N/A	2750	110				70-130			
1,1-Dichloroethane	8050227	2500.0	ug/kg wet	N/A	N/A	2370	95				70-130			
1,2-Dichloroethane	8050227	2500.0	ug/kg wet	N/A	N/A	2310	92				70-130			
1,1-Dichloroethene	8050227	2500.0	ug/kg wet	N/A	N/A	2410	96				43-141			
cis-1,2-Dichloroethene	8050227	2500.0	ug/kg wet	N/A	N/A	2430	97				70-130			
trans-1,2-Dichloroethene	8050227	2500.0	ug/kg wet	N/A	N/A	2350	94				70-130			
1,2-Dichloropropane	8050227	2500.0	ug/kg wet	N/A	N/A	2400	96				70-130			
1,3-Dichloropropane	8050227	2500.0	ug/kg wet	N/A	N/A	2450	98				70-130			
2,2-Dichloropropane	8050227	2500.0	ug/kg wet	N/A	N/A	2370	95				70-130			
1,1-Dichloropropene	8050227	2500.0	ug/kg wet	N/A	N/A	2320	93				70-130			
cis-1,3-Dichloropropene	8050227	2500.0	ug/kg wet	N/A	N/A	2450	98				70-130			
trans-1,3-Dichloropropene	8050227	2500.0	ug/kg wet	N/A	N/A	2460	99				70-130			
Ethylbenzene	8050227	2500.0	ug/kg wet	N/A	N/A	2520	101				79-122			
Hexachlorobutadiene	8050227	2500.0	ug/kg wet	N/A	N/A	2560	102				70-130			
Isopropylbenzene	8050227	2500.0	ug/kg wet	N/A	N/A	2130	85				70-130			
p-Isopropyltoluene	8050227	2500.0	ug/kg wet	N/A	N/A	2520	101				70-130			
Methylene Chloride	8050227	2500.0	ug/kg wet	N/A	N/A	2350	94				70-130			
Methyl tert-Butyl Ether	8050227	2406.2	ug/kg wet	N/A	N/A	2230	93				55-137			
Naphthalene	8050227	2500.0	ug/kg wet	N/A	N/A	2900	116				70-130			
n-Propylbenzene	8050227	2500.0	ug/kg wet	N/A	N/A	2450	98				70-130			
Styrene	8050227	2500.0	ug/kg wet	N/A	N/A	2460	98				70-130			
1,1,1,2-Tetrachloroethane	8050227	2500.0	ug/kg wet	N/A	N/A	2510	100				70-130			

GILES ENGINEERING - WISCONSIN  
 N8 W22350 Johnson Road  
 Waukesha, WI 53186  
 Mr. Kevin Bugel

Work Order: WRE0303  
 Project: 1E-0805001 Oconomowoc, WI  
 Project Number: 36929 Plank Road  
 Received: 05/08/08  
 Reported: 05/13/08 12:11

### LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>													
1,1,2,2-Tetrachloroethane	8050227	2500.0	ug/kg wet	N/A	N/A	2360	94		70-130				
Tetrachloroethene	8050227	2500.0	ug/kg wet	N/A	N/A	2470	99		70-130				
Toluene	8050227	2500.0	ug/kg wet	N/A	N/A	2480	99		78-120				
1,2,3-Trichlorobenzene	8050227	2500.0	ug/kg wet	N/A	N/A	2760	110		70-130				
1,2,4-Trichlorobenzene	8050227	2500.0	ug/kg wet	N/A	N/A	2830	113		70-130				
1,1,1-Trichloroethane	8050227	2500.0	ug/kg wet	N/A	N/A	2390	96		70-130				
1,1,2-Trichloroethane	8050227	2500.0	ug/kg wet	N/A	N/A	2440	97		70-130				
Trichloroethene	8050227	2500.0	ug/kg wet	N/A	N/A	2460	99		78-124				
Trichlorofluoromethane	8050227	2500.0	ug/kg wet	N/A	N/A	2130	85		70-130				
1,2,3-Trichloropropane	8050227	2500.0	ug/kg wet	N/A	N/A	2490	100		70-130				
1,2,4-Trimethylbenzene	8050227	2500.0	ug/kg wet	N/A	N/A	2450	98		75-128				
1,3,5-Trimethylbenzene	8050227	2500.0	ug/kg wet	N/A	N/A	2410	96		76-127				
Vinyl chloride	8050227	2500.0	ug/kg wet	N/A	N/A	2450	98		70-130				
Xylenes, total	8050227	7500.0	ug/kg wet	N/A	N/A	7620	102		79-122				
Surrogate: Dibromofluoromethane	8050227		ug/kg wet				95		82-112				
Surrogate: Toluene-d8	8050227		ug/kg wet				100		91-106				
Surrogate: 4-Bromofluorobenzene	8050227		ug/kg wet				102		89-110				
Benzene	8050250	2500.0	ug/kg wet	N/A	N/A	2480	99		64-124				
Bromobenzene	8050250	2500.0	ug/kg wet	N/A	N/A	2530	101		70-130				
Bromochloromethane	8050250	2500.0	ug/kg wet	N/A	N/A	2480	99		70-130				
Bromodichloromethane	8050250	2500.0	ug/kg wet	N/A	N/A	2560	102		70-130				
Bromoform	8050250	2500.0	ug/kg wet	N/A	N/A	2630	105		70-130				
Bromomethane	8050250	2500.0	ug/kg wet	N/A	N/A	2640	106		70-130				
n-Butylbenzene	8050250	2500.0	ug/kg wet	N/A	N/A	2720	109		70-130				
sec-Butylbenzene	8050250	2500.0	ug/kg wet	N/A	N/A	2700	108		70-130				
tert-Butylbenzene	8050250	2500.0	ug/kg wet	N/A	N/A	2740	110		70-130				
Carbon Tetrachloride	8050250	2500.0	ug/kg wet	N/A	N/A	2570	103		70-130				
Chlorobenzene	8050250	2500.0	ug/kg wet	N/A	N/A	2490	99		80-123				
Chlorodibromomethane	8050250	2500.0	ug/kg wet	N/A	N/A	2600	104		70-130				
Chloroethane	8050250	2500.0	ug/kg wet	N/A	N/A	2310	92		70-130				
Chloroform	8050250	2500.0	ug/kg wet	N/A	N/A	2420	97		70-130				
Chloromethane	8050250	2500.0	ug/kg wet	N/A	N/A	2520	101		70-130				
2-Chlorotoluene	8050250	2500.0	ug/kg wet	N/A	N/A	2620	105		70-130				
4-Chlorotoluene	8050250	2500.0	ug/kg wet	N/A	N/A	2720	109		70-130				
1,2-Dibromo-3-chloropropane	8050250	2500.0	ug/kg wet	N/A	N/A	2620	105		70-130				
1,2-Dibromoethane (EDB)	8050250	2500.0	ug/kg wet	N/A	N/A	2610	104		70-130				
Dibromomethane	8050250	2500.0	ug/kg wet	N/A	N/A	2470	99		70-130				
1,2-Dichlorobenzene	8050250	2500.0	ug/kg wet	N/A	N/A	2560	102		70-130				
1,3-Dichlorobenzene	8050250	2500.0	ug/kg wet	N/A	N/A	2580	103		70-130				
1,4-Dichlorobenzene	8050250	2500.0	ug/kg wet	N/A	N/A	2530	101		70-130				
Dichlorodifluoromethane	8050250	2500.0	ug/kg wet	N/A	N/A	2500	100		70-130				
1,1-Dichloroethane	8050250	2500.0	ug/kg wet	N/A	N/A	2380	95		70-130				
1,2-Dichloroethane	8050250	2500.0	ug/kg wet	N/A	N/A	2450	98		70-130				
1,1-Dichloroethene	8050250	2500.0	ug/kg wet	N/A	N/A	2380	95		43-141				



GILES ENGINEERING - WISCONSIN  
 N8 W22350 Johnson Road  
 Waukesha, WI 53186  
 Mr. Kevin Bugel

Work Order: WRE0303  
 Project: 1E-0805001 Oconomowoc, WI  
 Project Number: 36929 Plank Road

Received: 05/08/08  
 Reported: 05/13/08 12:11

## LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Dup		% REC		RPD		Q
							Result	%	% REC	Limits	RPD	Limit	
<b>VOCs by SW8260B</b>													
cis-1,2-Dichloroethene	8050250	2500.0	ug/kg	wet	N/A	N/A	2420	97			70-130		
trans-1,2-Dichloroethene	8050250	2500.0	ug/kg	wet	N/A	N/A	2340	94			70-130		
1,2-Dichloropropane	8050250	2500.0	ug/kg	wet	N/A	N/A	2370	95			70-130		
1,3-Dichloropropane	8050250	2500.0	ug/kg	wet	N/A	N/A	2550	102			70-130		
2,2-Dichloropropane	8050250	2500.0	ug/kg	wet	N/A	N/A	2510	100			70-130		
1,1-Dichloropropene	8050250	2500.0	ug/kg	wet	N/A	N/A	2520	101			70-130		
cis-1,3-Dichloropropene	8050250	2500.0	ug/kg	wet	N/A	N/A	2800	112			70-130		
trans-1,3-Dichloropropene	8050250	2500.0	ug/kg	wet	N/A	N/A	2700	108			70-130		
Ethylbenzene	8050250	2500.0	ug/kg	wet	N/A	N/A	2590	103			79-122		
Hexachlorobutadiene	8050250	2500.0	ug/kg	wet	N/A	N/A	2370	95			70-130		
Isopropylbenzene	8050250	2500.0	ug/kg	wet	N/A	N/A	2200	88			70-130		
p-Isopropyltoluene	8050250	2500.0	ug/kg	wet	N/A	N/A	2680	107			70-130		
Methylene Chloride	8050250	2500.0	ug/kg	wet	N/A	N/A	2340	94			70-130		
Methyl tert-Butyl Ether	8050250	2406.2	ug/kg	wet	N/A	N/A	2630	109			55-137		
Naphthalene	8050250	2500.0	ug/kg	wet	N/A	N/A	2830	113			70-130		
n-Propylbenzene	8050250	2500.0	ug/kg	wet	N/A	N/A	2660	106			70-130		
Styrene	8050250	2500.0	ug/kg	wet	N/A	N/A	2690	108			70-130		
1,1,1,2-Tetrachloroethane	8050250	2500.0	ug/kg	wet	N/A	N/A	2490	100			70-130		
1,1,2,2-Tetrachloroethane	8050250	2500.0	ug/kg	wet	N/A	N/A	2570	103			70-130		
Tetrachloroethene	8050250	2500.0	ug/kg	wet	N/A	N/A	2450	98			70-130		
Toluene	8050250	2500.0	ug/kg	wet	N/A	N/A	2530	101			78-120		
1,2,3-Trichlorobenzene	8050250	2500.0	ug/kg	wet	N/A	N/A	2680	107			70-130		
1,2,4-Trichlorobenzene	8050250	2500.0	ug/kg	wet	N/A	N/A	2710	108			70-130		
1,1,1-Trichloroethane	8050250	2500.0	ug/kg	wet	N/A	N/A	2490	100			70-130		
1,1,2-Trichloroethane	8050250	2500.0	ug/kg	wet	N/A	N/A	2520	101			70-130		
Trichloroethene	8050250	2500.0	ug/kg	wet	N/A	N/A	2510	100			78-124		
Trichlorofluoromethane	8050250	2500.0	ug/kg	wet	N/A	N/A	2290	92			70-130		
1,2,3-Trichloropropane	8050250	2500.0	ug/kg	wet	N/A	N/A	2490	100			70-130		
1,2,4-Trimethylbenzene	8050250	2500.0	ug/kg	wet	N/A	N/A	2580	103			75-128		
1,3,5-Trimethylbenzene	8050250	2500.0	ug/kg	wet	N/A	N/A	2600	104			76-127		
Vinyl chloride	8050250	2500.0	ug/kg	wet	N/A	N/A	2270	91			70-130		
Xylenes, total	8050250	7500.0	ug/kg	wet	N/A	N/A	7830	104			79-122		
Surrogate: Dibromofluoromethane	8050250		ug/kg	wet				99			82-112		
Surrogate: Toluene-d8	8050250		ug/kg	wet				98			91-106		
Surrogate: 4-Bromofluorobenzene	8050250		ug/kg	wet				101			89-110		

GILES ENGINEERING - WISCONSIN  
N8 W22350 Johnson Road  
Waukesha, WI 53186  
Mr. Kevin Bugel

Work Order: WRE0303  
Project: 1E-0805001 Oconomowoc, WI  
Project Number: 36929 Plank Road

Received: 05/08/08  
Reported: 05/13/08 12:11

## CERTIFICATION SUMMARY

### TestAmerica Watertown

Method	Matrix	Nelac	Wisconsin
SW 5035	Solid/Soil	X	X
SW 8260B	Solid/Soil	X	X

## DATA QUALIFIERS AND DEFINITIONS

### ADDITIONAL COMMENTS

Results are reported on a wet weight basis unless otherwise noted.

# Giles Engineering Associates, Inc.

- N8 W22350 Johnson Road Suite A1, Waukesha, WI 53186
- 4875 East La Palma Avenue, Suite 607, Anaheim, CA 92807
- 8300 Guilford Road, Suite F1, Columbia, MD 21046
- 10722 North Stemmons Freeway, Dallas, TX 75220
- 2830 Agriculture Drive, Madison, WI 53718
- 3990 Flowers Road, Suite 530, Atlanta, GA, 30360

tel: 414-544-0118  
 tel: 714-779-0052  
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 tel: 608-223-1853  
 tel: 770-458-3399

fax: 414-549-5868  
 fax: 714-779-0068  
 fax: 410-312-9955  
 fax: 214-358-5884  
 fax: 608-223-1854  
 fax: 770-458-3998

## CHAIN-OF-CUSTODY

- closure sample
- confirmation required (NR720)
- RUSH

WRE0303

Site Commercial  
 Address 36929 Plank Road  
Oconomowoc, Wisconsin

### POSSIBLE HAZARDS:

Sample Collector <u>Eraa Roanhouse</u>	Project Manager <u>Kevin Bugel</u>	Project Number <u>IE-0805001</u>
Laboratory Used <u>Test America</u>	Lab Contact <u>Test America/Dan M.</u>	Lab Job Number

### Analysis Required

Sample Description	(Sample Depth)	Sample Matrix (Soil, Water, etc.)	Date Collected	Time Collected	Field Screen	Analysis Required										Number and Type of Containers	Sample Preservative	Due Date	Lab ID	Temp			
						GRO	DRO	VOC	P/VOC	BTEX													
LP-1	2-4'	S	5/6/08	AM	BDL			X										1G, 1H	MQH	STD			
LP-1	14-16'	S	5/6/08	AM	BDL			X										1G, 1H	MQH	STD			
HP-1	2-4'	S	5/6/08	PM	47			X										1G, 1H	MQH	STD			
HP-2	2-4'	S	5/6/08	PM	BDL			X										1G, 1H	MQH	STD			
HP-2	6-8'	S	5/6/08	PM	BDL			X										1G, 1H	MQH	STD			
MQH Blank				AM														ID	MQH	STD		Didn't receive	
				PM																			
				AM																			
				PM																			
				AM																			
				PM																			
				AM																			
				PM																			

### container code:

A = 8 oz/250 ml  
 B = 4 oz/120 ml

C = 2 oz/ 60 ml MQH  
 D = 40 mL VOA vial MQH

E = 1 L Amber  
 F = 250 mL plastic

G = poly bag  
 H = plastic solids

I = \_\_\_\_\_  
 J = \_\_\_\_\_

Relinquished By	Date	Time	Received By
<u>[Signature]</u>	5/7/08	1348	<u>[Signature]</u>
<u>[Signature]</u>	5/8	1507	<u>[Signature]</u> 5/8/08 1621

INVOICE TO:  Send copy to Project Manager

Giles Engineering Associates, Inc.

REPORT TO:  same  PM

Giles Engineering Associates, Inc.

Page 1  
 of 1

Attn: Kevin Bugel

ICC

R 5/8/08