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SAG-437

## **Phase 2 Environmental Site Assessment Report**

**Herreid Property  
525 South Marquette Road  
Prairie du Chien, WI 53821**

**Prepared for:**

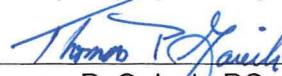
**City of Prairie du Chien  
214 East Blackhawk Avenue  
Prairie du Chien, Wisconsin 53821**

**August 2007**

## Phase 2 Environmental Site Assessment Report

**Herreid Property  
525 South Marquette Road  
Prairie du Chien, Wisconsin 53821**

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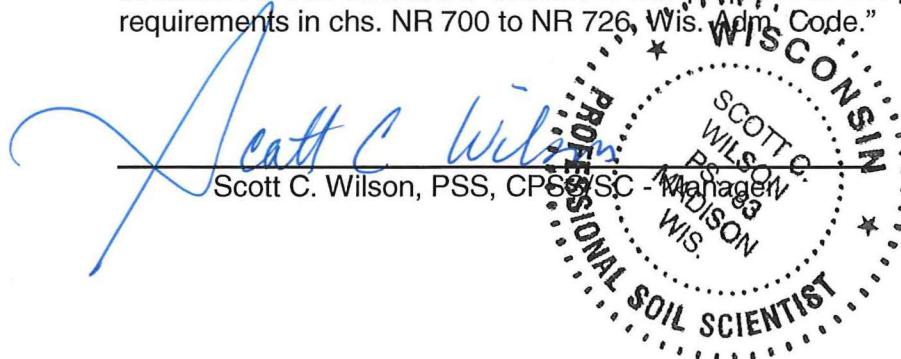


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**NR 712.09 SUBMITTAL CERTIFICATION**

"I, Scott C. Wilson, hereby certify that I am a scientist as that term is defined in s. NR 712.03(3), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to NR 726, Wis. Adm. Code."



*4/24/08*

Date

"I, Thomas P. Gaieck, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03(3), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to NR 726, Wis. Adm. Code."

A handwritten signature "Thomas P. Gaieck" is written over a horizontal line.

Thomas P. Gaieck, PG Hydrogeologist

*4/27/07*

Date

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## Executive Summary

This report presents results of Phase 2 Environmental Site Assessment (ESA) activities conducted on the Herreid property, located at 525 South Marquette Road, Prairie du Chien, WI. The site is bounded by Marquette Road, Webster Street, Dunn Street (vacated), and an empty lot situated adjacent to the Burlington Northern Railroad. The objective of the assessment was to evaluate potential environmental liabilities identified in the Phase 1 Environmental Site Assessment (ESA) of the property.

The subject property contains a former truck stop with car wash and restaurant, as well as a former tool and die manufacturing facility. The truck stop began operation in the 1950's and ceased operation within the last five years. The tool and die manufacturing facility operated on the subject property for over 80 years, beginning in the 1920's. A Phase 1 ESA of the property identified several petroleum spills on the truck stop portion of the property. Moreover, six underground storage tanks were closed and removed from the property in 1992. These tanks were replaced by the current UST system. The floor inside the tool and die manufacturing facility was observed to be stained; subsurface impacts resulting from spillage of solvents, lubricating fluids, and metals may have occurred. Also, operations in the paint booth, on the south side of the facility, may have caused environmental contamination.

Five soil probes and five temporary monitoring wells were advanced on the site on April 20, 2007, to assess possible subsurface impacts resulting from historical use of the property and its' uses. Soil probes were advanced to 24-feet below land surface to assess possible impacts to the vadose zone. Temporary monitoring wells were installed to 28 feet bbls. Three shallow soil probes were subsequently advanced to two feet bbls within the tool and die building on July 18, 2007. Soil samples were collected continuously at each probe and well location and screened for volatile organic vapors using an HNu equipped with an 11.7 eV lamp. Soil samples were analyzed for constituents of concern, depending on their location.

Soil and groundwater samples collected across the entire site were analyzed for volatile organic compounds (VOC) and polycyclic aromatic hydrocarbons (PAH). Heavy metals were analyzed in soil samples collected in proximity of the car wash and tool and die facility. One round of groundwater samples was also analyzed for heavy metals.

Subsurface material encountered during assessment activities is comprised of fluvial sediments consisting of poorly-graded sand. Groundwater was encountered at approximately 23 feet bbls. Chemical analysis of soil samples detected concentrations of chromium and lead above non-industrial residual contaminant levels along the west side of the tool and die building. One soil sample collected in proximity of the overhead door on the northwest corner of the building contained lead greater than the industrial RCL. Arsenic was detected at concentrations greater than the non-industrial RCL in each soil sample collected beneath the floor of the tool and die building. One soil sample collected outside the southwest portion of the building contained arsenic greater than the industrial RCL.

Concentrations of PAH were also detected above the non-industrial RCL in soil samples collected from probes along the west side of the tool and die building and in one sample collected beneath the floor of the facility. Low levels of acetone and toluene reported in several soil samples were also detected in the methanol blank, indicating that acetone and toluene are laboratory contaminants.

Ground water sample analysis detected bromodichloromethane, dibromochloromethane, and chloroform in well GP-6 located on the south side of the tool and die facility. Bromodichloromethane and chloroform were also detected in well GP-7, installed on the west side of the tool and die facility. Bromodichloromethane and chloroform were detected above

enforcement standards in both rounds of samples collected from GP-6. Bromodichloromethane was also detected above enforcement standards in the initial groundwater sample collected from GP-7. The subsequent round of sampling did not detect this compound above laboratory method detection limits. No other VOC were detected in groundwater samples collected from wells installed across the site.

Laboratory analysis did not detect heavy metal concentration greater than enforcement standards in any groundwater sample collected across the site. Fluoroanthene, detected in GP-3 and GP-6, was the only PAH compound detected. The concentration of fluoroanthene detected was below enforcement standards.

Based upon chemical analysis and observations made during this assessment, additional environmental activities are warranted to mitigate the risk to direct human contact with the area of heavy metal and PAH contamination at the tool and die facility. Additional groundwater monitoring is also warranted to assess trends in VOC detected in wells installed adjacent to the tool and die building.

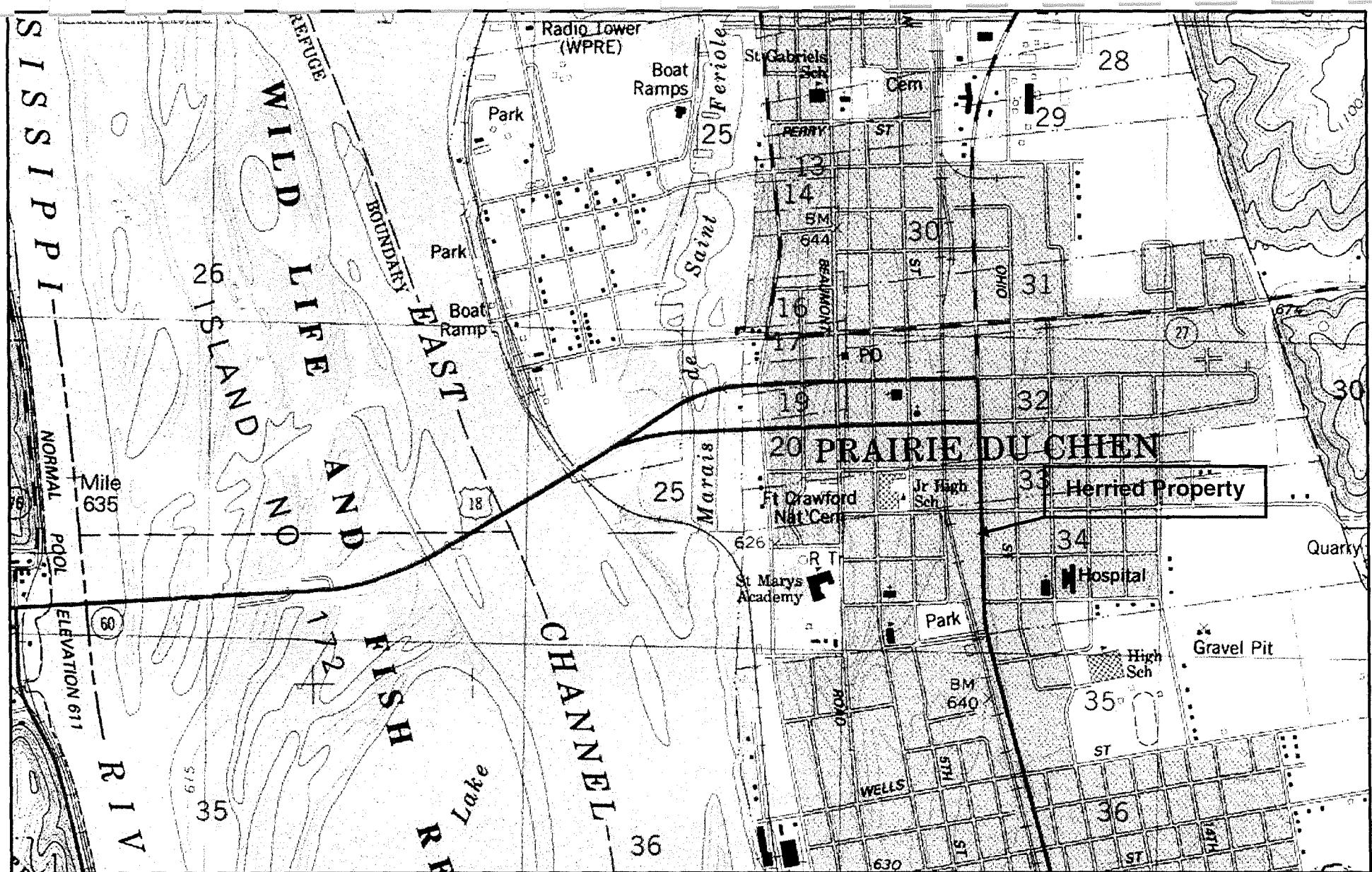
## Acknowledgement

On behalf of the City of Prairie du Chien, Ayres Associates would like to extend its sincere appreciation to the Wisconsin Department of Natural Resources (WDNR) for its funding support. The WDNR Site Assessment Grant Program graciously awarded the City of Prairie du Chien a grant to assist in funding the environment activities outlined in this report. Without this funding support, this Brownfield site may have laid idle indefinitely. We are indebted to the Department for making this financial assistance available for this important redevelopment project.

## **Introduction**

The City of Prairie du Chien authorized Ayres Associates to perform a Phase 2 Environmental Site Assessment of the Herreid property. The property consists of a former truck stop and car wash, and a former tool and die manufacturer, located at the intersection of Webster Street and South Marquette Road (Figure 1). Phase 1 Environmental Site Assessment (ESA) activities identified several petroleum spills on the truck stop portion of the site during the 50 years of its operation. The UST system at the truck stop was upgraded in 1992. During UST closure assessment and system upgrade activities conducted in 1992, soil contamination was noted in proximity of the pump islands. Phase 1 ESA also indicated that the floor in the tool and die building was noticeably stained. Activities conducted in the paint booth on the south end of the building may have caused environmental contamination.

Phase 2 Environmental Site Assessment (ESA) activities were conducted at the site on April 20 and July 18, 2007. The objective of the ESA was to evaluate potential environmental liabilities to the project identified in the Phase I ESA. This report documents the results of assessment activities conducted on the Herreid property.



PRAIRIE DU CHIEN, IOWA-WIS.

SW/4 PRAIRIE DU CHIEN 15' QUADRANGLE

N4300-W9107.5/7.5

1983

**Figure 1 - Herreid Property,  
Webster Street and Marquette Road,  
Prairie du Chien, Wisconsin  
Phase 2 - August 2007**

**AVRES**  
ASSOCIATES

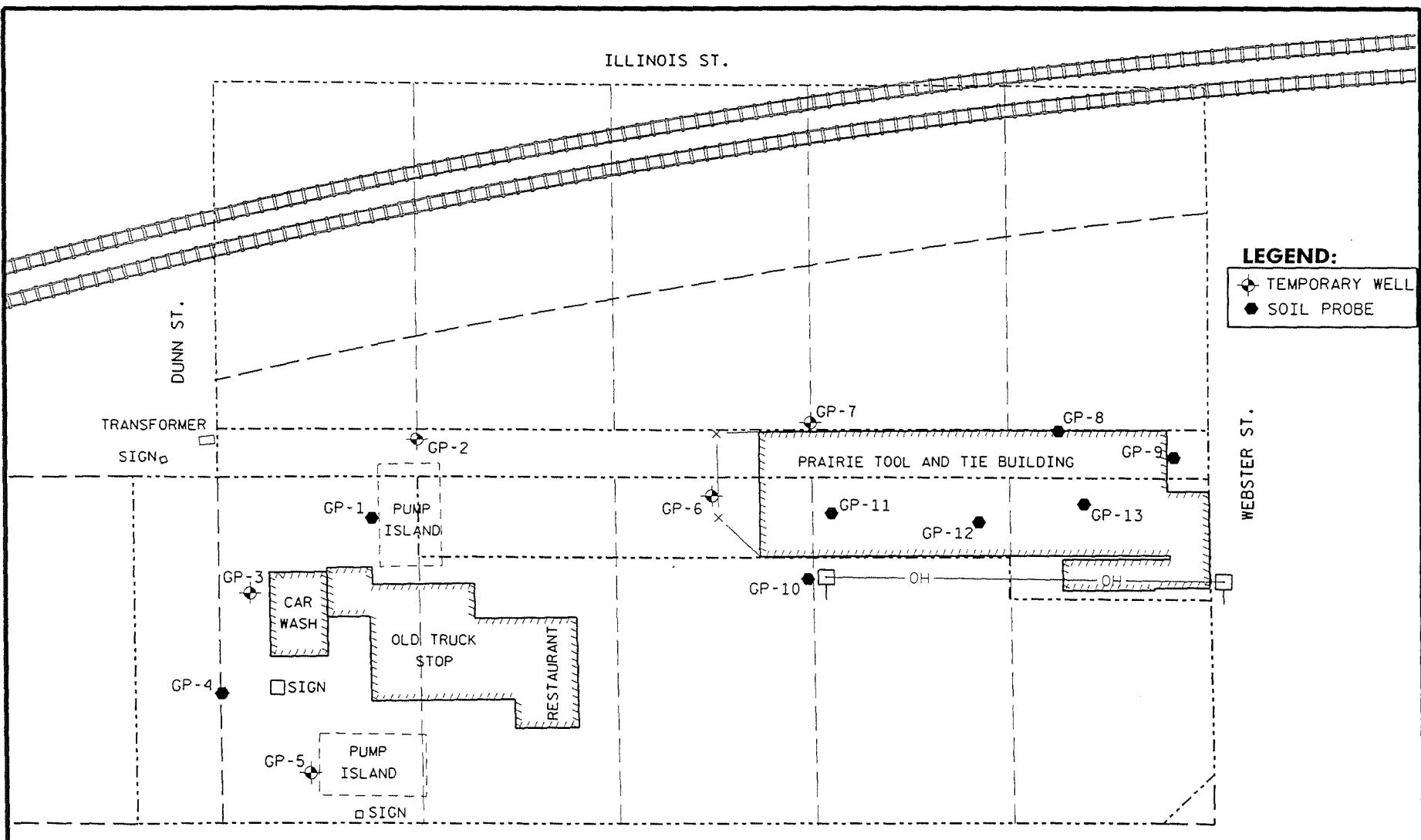
## Contamination Assessment Activities

A total of eight soil probes (GP-1, GP-4 and GP-8 through GP-10) and five temporary monitoring wells (GP-2, GP-3, and GP-5 through GP-7) were installed on the property on April 20, 2007 to assess subsurface contamination. Three shallow soil probes were subsequently advanced to two feet below land surface (bls) within the tool and die building on July 18, 2007. Soil probes installed in April were advanced to 24 feet bls. Temporary monitoring wells were installed to 28 feet bls to intersect the water table. Soil probe and temporary well locations are shown on Figure 2

Soil was continuously sampled from each probe and temporary well borehole, and characterized according to the Unified Soil Classification System (USCS). Volatile organic vapors were screened in each sample using an HNu equipped with an 11.7 eV lamp. Methods and procedures used during soil probing activities are contained in Appendix A. Boring logs are included in Appendix B.

One soil sample collected from each soil probe and temporary monitoring well were submitted for laboratory analysis. Soil samples collected from each location were analyzed for volatile organic compounds (VOC) and polycyclic aromatic hydrocarbons (PAH). Soil collected from GP-3, and GP-6 through GP-13 were also analyzed for heavy metals. Groundwater samples collected from each temporary monitoring well were analyzed for VOC, PAH and heavy metals during the initial sampling round conducted April 20. The subsequent sampling round performed on July 18 was conducted to verify the VOC detected in GP-6 and GP-7.

Material encountered across the site was comprised of fluvial deposits consisting of medium- to coarse-grained sand to the total depth explored of 28 feet bls. Saturated conditions were encountered at approximately 23 feet bls. Incidental odors, and volatile organic vapor concentrations above background levels, were not noted in any soil samples collected during this assessment.



**AYRES**  
ASSOCIATES



MAPPING SOURCE:



30 0 60  
GRAPHIC SCALE IN FEET

**FIGURE 2**  
**SOIL PROBE LOCATION MAP**

HERREID PROPERTY

DATE: 08-08-07  
JOB NUMBER: 53-0624.10

## Analytical Results

Laboratory analysis detected heavy metals and PAH in soil samples collected from probes advanced in proximity of the tool and die building, at concentrations above residual contaminant levels (RCL). Concentrations of chromium and lead were detected above the non-industrial RCL in surface soil sampled from GP-7, GP-8, and GP-9. The concentration of lead in soil sampled from GP-9 was also above the industrial RCL. Arsenic was detected above the industrial RCL in GP-7, and in soil sampled beneath the floor of the tool and die building in soil probes GP-11, GP-12, and GP-13. Benzo(a)pyrene and benzo(b)fluoranthene were detected above the suggested non-industrial direct contact RCL in soil sampled from GP-7 and GP-8. Benzo(a)pyrene was also detected above the non-industrial RCL in GP-9. Soil sampled in GP-12 contained benzo(a)anthracene above the non-industrial RCL.

Toluene and xylenes were reported in several soil samples analyzed for VOC. These compounds were also detected in the methanol blank and their detection in the soil samples is considered an artifact of laboratory contamination. Acetone was also reported in several soil samples and was flagged by the laboratory as a suspected laboratory contaminant. No other VOC, were reported for any soil samples submitted for analysis.

Groundwater sampled from temporary wells GP-6 and GP-7, installed adjacent to the tool and die facility, contained the trihalomethanes bromodichloromethane, dibromochloromethane, and chloroform. Bromodichloromethane and chloroform were detected above enforcement standards in both rounds of samples collected from GP-6 on April 20 and July 18. Bromodichloromethane, which was detected above enforcement standards in the sample collected from GP-7 on April 20, was not detected above laboratory method detection limits in the sample collected on July 18. No other VOCs were detected in groundwater samples collected at the site. Except for low levels of fluoranthene detected in GP-3 and GP-6, PAH compounds were not detected. Low levels of heavy metals were detected in groundwater samples collected from each temporary well. None of the concentrations reported were above enforcement standards.

Soil sample analytical results are summarized in Tables 1 and 2. Groundwater sample analytical results are summarized in Tables 3 and 4. Laboratory reports are contained in Appendix C.

**Table 1**  
**Herreid Property**  
**Prairie du Chien**  
**Soil Analytical Results**  
**RCRA Metals**

Sample I.D.	Date	Depth	Arsenic	Barium	Cadmium	Chromium	Lead	Selenium	Silver	Mercury
		feet		Milligrams per Kilogram (mg/kg)						
<b>GP-3</b>	4/20/2007	0-2	<0.56	25	<0.056	6.5	1.8	<0.56	<0.28	0.0023
<b>GP-6</b>	4/20/2007	0-2	<0.56	55.9	<0.056	11.2	5.6	0.68	<0.28	0.0095
<b>GP-7</b>	4/20/2007	0-2	<b>9.2</b>	89.1	<0.072	<b>22.8</b>	<b>179</b>	<0.72	<0.36	0.034
<b>GP-8</b>	4/20/2007	0-2	<0.61	163	<0.061	<b>15.1</b>	<b>119</b>	<0.61	<0.31	0.2
<b>GP-9</b>	4/20/2007	0-2	<0.61	205	<0.061	<b>16.9</b>	<b>596</b>	0.99	<0.3	0.18
<b>GP-10</b>	4/20/2007	0-2	<0.61	36.8	<0.061	13.5	27.9	1	<0.3	0.015
<b>GP-11</b>	7/18/2007	0-2	<b>0.88</b>	42.8	0.078	11	13	1.9	<0.3	0.013
<b>GP-12</b>	7/18/2007	0-2	<b>0.87</b>	49.9	0.11	8	9.1	2	<0.31	0.017
<b>GP-13</b>	7/18/2007	0-2	<b>1.3</b>	68	0.28	13.4	8.6	2.5	<0.31	0.052
NR 720.11(5) RCLs	Industrial		1.6	NE	510	200	500	NE	NE	NE
	Non Industrial		0.039	NE	8	14	50	NE	NE	NE

NE = Not Established in NR 720

**BOLD** Exceeds NR 720 Wisconsin Administrative Code Industrial Residual Contaminant Levels (RCLs).

**Table 2**  
**Herreid Property**  
**Prairie du Chien**  
**Soil Analytical Results**  
**Polycyclic Aromatic Hydrocarbons (PAH)**

Sample I.D.	Date	Depth	Anthracene	Acenaphthene	Acenaphthylene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(a,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	1-methyl naphthalene	2-methyl naphthalene
			feet	<----- Milligrams per Kilogram (mg/kg) ----->																
GP-1	4/20/2007	0-2	<0.0031	<0.025	<0.032	<0.001	<0.0031	0.004	<0.0062	<0.0031	<0.0031	<0.0052	<0.0021	<0.0062	<0.0031	<0.022	<0.0031	0.031	<0.025	<0.026
GP-2	4/20/2007	2-4	<0.0032	<0.026	<0.033	<0.0011	<0.0032	<0.0022	<0.0065	<0.0032	<0.0032	<0.0054	<0.0022	<0.0065	<0.0032	<0.023	<0.0032	<0.0032	<0.026	<0.027
GP-3	4/20/2007	0-2	<0.0031	<0.025	<0.032	<0.001	<0.0031	<0.0021	<0.0063	<0.0031	<0.0031	<0.0052	<0.0021	<0.0063	<0.0031	<0.022	<0.0031	<0.0031	<0.025	<0.026
GP-4	4/20/2007	0-2	<0.0063	<0.05	<0.065	<0.0021	<0.0063	<0.0042	<0.013	<0.0063	<0.0063	<0.01	<0.0042	<0.013	<0.0063	<0.044	<0.0063	<0.0063	<0.05	<0.052
GP-5	4/20/2007	2-4	<0.0032	<0.025	<0.033	<0.0011	<0.0032	<0.0021	<0.0063	<0.0032	<0.0032	<0.0053	<0.0021	<0.0063	<0.0032	<0.022	<0.0032	<0.0032	<0.025	<0.026
GP-6	4/20/2007	0-2	<0.0031	<0.025	<0.032	0.0037	0.0036	<0.0021	<0.0062	0.005	0.019	<0.0052	0.17	<0.0062	<0.0031	<0.022	<0.0031	0.62	<0.025	<0.026
GP-7	4/20/2007	0-2	<0.0071	<0.057	<0.074	0.019	0.068	0.1	0.041	0.057	0.14	<0.012	1.2	<0.014	0.08	<0.05	0.054	4.5	<0.057	0.16
GP-8	4/20/2007	0-2	<0.0067	<0.054	0.12	0.12	0.1	0.11	0.05	0.035	0.23	<0.011	0.51	<0.013	0.074	<0.047	0.12	0.26	<0.054	<0.056
GP-9	4/20/2007	0-2	<0.017	<0.14	<0.18	0.07	0.043	0.077	0.043	0.017	0.09	<0.029	0.57	<0.035	0.054	<0.12	0.16	2.4	<0.14	0.19
GP-10	4/20/2007	0-2	<0.0065	<0.052	<0.067	<0.0022	<0.0065	<0.0043	<0.013	<0.0065	<0.0065	<0.011	<0.0043	<0.013	<0.0065	<0.045	<0.0065	0.18	<0.052	<0.054
GP-11	7/18/2007	0-2	<0.0032	<0.025	<0.033	0.0033	<0.0032	0.011	<0.0063	0.0051	0.032	<0.0053	0.098	<0.0063	<0.0032	<0.022	<0.0032	0.082	<0.025	<0.026
GP-12	7/18/2007	0-2	0.0072	<0.025	<0.033	0.1	0.0043	0.087	<0.0064	0.015	0.11	<0.0053	0.11	<0.0084	0.0089	<0.022	0.033	0.17	<0.025	<0.027
GP-13	7/18/2007	0-2	<0.0031	<0.025	0.45	0.014	0.0039	0.017	<0.0062	0.005	0.013	<0.0052	0.023	<0.0062	0.0056	<0.022	0.014	0.044	<0.025	<0.026
Ground Water Pathway RCL		3,000	38	0.7	17	48	360	6,800	870	37	38	500	100	680	0.4	1.8	8,700	23	20	
Non-Industrial Direct Contact RCL		5,000	900	18	0.088	0.0088	0.088	1.8	0.88	8.8	0.0088	600	600	0.088	20	18	500	1,100	600	
Industrial Direct Contact RCL		300,000	60,000	360	3.9	0.39	3.9	39	39	390	0.39	40,000	40,000	3.9	110	390	30,000	70,000	40,000	

RCL = Wisconsin Department of Natural Resources suggested Residual Contaminant Levels documented in Publication RR-519-97, Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance

**Bold** = Exceeds Non-Industrial Direct Contact RCL

**Table 3**  
**Herreid Property**  
**Prairie du Chien**  
**Ground Water Analytical Results**

**RCRA Metals**

Sample I.D.	Date	Arsenic	Barium	Cadmium	Chromium	Lead	Selenium	Silver	Mercury
----- micrograms per liter (ug/L) -----									
GP-2	4/20/2007	<0.8	81.7	<0.4	<0.7	3	7.2	<0.8	<0.08
GP-3	4/20/2007	<0.8	80.9	<0.4	0.76	1.6	10.8	<0.8	<0.08
GP-5	4/20/2007	<0.8	69.1	<0.4	0.87	1.7	6.3	<0.8	<0.08
GP-6	4/20/2007	<0.8	56.3	<0.4	0.85	1.5	8.6	0.99	<0.08
GP-7	4/20/2007	<0.8	53.3	<0.4	1.3	<1.3	4.7	<0.8	<0.08
PREVENTIVE ACTION LIMIT		1	400	0.5	10	1.5	10	10	0.2
ENFORCEMENT STANDARD		10	2,000	5	100	15	50	50	2

**Table 4**  
**Herreid Property**  
**Prairie du Chien**  
**Ground Water Analytical Results**  
**Volatile Organic Compounds**

	Date	Bromodichloro	Dibromochloro	Chloroform
		methane	methane	
----- micrograms per liter (ug/L) -----				
GP-2	4/20/2007	<0.15	<0.6	<0.5
GP-3	4/20/2007	<0.15	<0.6	<0.5
GP-5	4/20/2007	<0.15	<0.6	<0.5
GP-6	4/20/2007	<b>1.9</b>	0.75	7.2
	7/18/2007	<b>6.4</b>	3.2	20
GP-7	4/20/2007	1.4	<0.6	4.7
	7/18/2007	<0.19	<0.23	0.44
PREVENTIVE ACTION LIMIT		0.06	6	0.6
ENFORCEMENT STANDARD		0.6	60	6

**BOLD** = exceeds enforcement standards

## Conclusion and Recommendations

Phase 2 ESA activities were conducted on the Herreid property situated at the intersection of Webster Street and South Marquette Road, Prairie du Chien, to assess possible subsurface contamination associated with recognized environmental conditions identified during Phase 1 ESA activities. The southern portion of the property is occupied by a former truck stop and has a history of documented petroleum spills. A former tool and die manufacturing facility has occupied the northern part of the property for over 80 years.

Phase 2 ESA activities included advancement of 13 soil probes, installation of five temporary monitoring wells, field screening of soil samples for presence of volatile organic vapors, characterization of soil samples based upon the Unified Soil Classification System, and collection of soil and ground water samples for laboratory analysis.

Assessment activities conducted on April 20, 2007 indicated the presence of arsenic, chromium, lead and PAH contamination above non-industrial direct contact RCL in soil sampled within two feet of ground surface, adjacent to the west side of the former tool and die building. The concentration of arsenic in GP-7 and lead in GP-9 was also above the industrial RCL. Three shallow probes were advanced within the former tool and die building on July 18, 2007, to assess if contamination detected outside the building was also present beneath the floor. Laboratory analysis of soil sampled within two feet of ground surface in each probe advanced within the building contained arsenic concentrations greater than the non-industrial RCL. One soil sample collected beneath the floor of the building also contained PAH concentrations greater than non-industrial RCL. Contaminants of concern were not detected above RCL in any soil samples collected from soil probes advanced on the truck stop portion of the property.

Contamination in groundwater was also detected in proximity of the tool and die building. The only contaminants detected were three trihalomethanes, including bromodichloromethene, dibromochloromethane, and chloroform. These compounds were detected in GP-6 and GP-7, installed adjacent to the southwest portion of the building. Both rounds of samples, collected on April 20 and July 18 from GP-6, contained bromodichlormethane and chloroform concentrations greater than enforcement standards. Only the initial sample collected from GP-7 contained bromodichloromethane greater than enforcement standards. Groundwater samples from three temporary wells installed on the truck stop portion of the property did not contain contaminant concentrations greater than enforcement standards.

Contamination detected in soil on the Herreid property, in proximity of the former tool and die facility, is consistent with the manufacturing processes conducted in the building. The use of metals at the site appears to have contributed to the elevated arsenic, chromium and lead concentrations in surface soil. Lubricants and oils used in the building have likely caused the near surface PAH contamination. The trihalomethanes detected in groundwater are typically associated with chlorination and disinfection of potable water. These compounds have also been used in the past by industry for parts cleaning and as flame retardants.

Ayres Associates recommends that soil containing contaminants at concentrations above direct contact levels be managed in accordance with applicable State and Federal environmental regulations during redevelopment of the property. Remedial measures should mitigate risk to human health from direct contact with contaminated soil on the properties. Additional ground water monitoring is recommended to evaluate trihalomethane concentrations detected in temporary monitoring wells installed adjacent to the tool and die facility.

## **Appendix A**

### **Methods and Procedures**

## SAMPLE HANDLING, SCREENING AND ANALYSIS

### **Soil Screening**

Soil samples were screened using an HNU photo ionization detector (PID). The HNU was equipped with an 11.7 eV lamp and calibrated for direct reading in vapor parts per million (vppm) of total organic vapors using an isobutylene standard. The HNU was calibrated daily, and periodic calibration checks were made with an isobutylene standard.

The field instrument was "zeroed" in the field at the location of screening prior to commencement of screening activities. Ambient air (background) readings were made and recorded at various intervals during field activities. Potential sources of ambient organic vapor levels were noted, along with their context to the screening location. Additional information regarding atmospheric conditions (approximate air temperature, approximate wind speed and direction) were also recorded. Efforts were made to locate the field screening upwind from the excavation. Sample containers used for field screening purposes consisted of one-gallon Ziploc™ polyethylene freezer bags. Sample containers were pre-screened to insure that no organic vapors existed within the freezer bags prior to sample collection.

Field screening was accomplished by recording the highest and/or most stable reading obtained after allowing the manufacturer's specified minimum reading time to elapse. The instrument was allowed to evacuate all sample-derived organic vapors as evidenced by comparing the meter reading with the noted ambient air reading collected prior to sample screening. Any changes in the background reading during the screening process were noted.

Logs were kept regarding relative horizontal and vertical location of each sampling point, screening location, background organic vapor level, organic vapor screening levels, approximate screening duration, and obvious identifiable zones of contamination. In addition, pertinent information regarding PID calibration and operation was recorded.

### **Soil Sample Collection for Analytical Purposes**

Soil samples collected for analytical purposes were chosen on the basis of visual and olfactory observations and in-field conditions at the time of sample collection.

Samples intended for laboratory analysis were immediately placed in sample containers provided by the analytical laboratory. Containers were sealed upon collection. Each sample was then labeled with a sample number, location, date, the initials of the sampler, and the parameters to be analyzed. The samples were then placed in a clean cooler with ice. The samples were maintained on ice throughout shipment to the laboratory.

### **Chain of Custody**

Upon collection of soil and/or ground water samples intended for laboratory analysis, a chain of custody record was initiated. The chain of custody included the following information: project, job number, shipped by, shipped to, shipping method, sampling point, location, ID number, date collected, sample type, number and type of containers, analysis required, sampler(s), signature(s), etc. As few people as possible handled the samples.

### **Sample Holding**

Representative nonhazardous soil samples will be retained in the laboratory for 30 days after submission of the project report. Unless otherwise requested, nonhazardous soil samples will be disposed of after a minimum holding time of 30 days. Upon request, the samples will be shipped to the client, or to a destination designated by the client, at an additional cost.

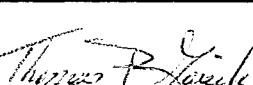
All soil samples that contain, or may potentially contain, hazardous materials will remain the property of the client, who shall be responsible for proper disposal. Samples not consumed by analysis will be returned to the client for proper disposal, at an additional cost.

## **Appendix B**

### **Boring Logs, Borehole Abandonment Forms, Well Construction Logs**

Facility Name <b>Herreid Property</b>				Job Number				License/Permit/Monitoring Number										
Boring Drilled by <b>Geiss Soil &amp; Sampling LLC</b>				Date Installed <b>4/20/07</b>														
Boring or Well Number <b>GP-1</b>		WI Unique Well Number (DNR)		Borehole Diameter (inches) <b>2"</b>			Water Level (feet)		Surface Elevation (feet)									
<u>NE</u> 1/4 of <u>NE</u> 1/4 of Section <u>36</u> T <u>7</u> N R <u>7</u> W				Grid Location _____ feet N or S _____ feet E or W														
County: <b>Crawford</b>			County Code: <b>12</b>			Civil Town: <b>Prairie du Chien</b>												
Sample		D E P T H (FT)	Soil / Rock Description			Well Dia- gram	U S C S	R Q D	Graphic Log	PID (vppm)	Soil Properties				Blow Count			
No.	Rec.										qu	W	LL	PL	P200			
1	14"	0-2	Sand, medium to coarse grained, brown				SP			0.2	M							
2	20"	2-4	Sand, medium to coarse grained, brown							0.2	M							
3	10"	4-6	Sand, medium to coarse grained, brown							0.2	M							
4	18"	6-8	8" Gravel, brown 10" Sand, medium to coarse grained with gravel, brown							0.2	M							
5	10"	8-10	Sand, medium to coarse grained with gravel, brown							0.2	M							
6	10"	10-12	Sand, medium to coarse grained with gravel, brown							0.2	M							
7	10"	12-14	Sand, medium to coarse grained, brown							0.2	M							

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

Signature: 	Firm: Ayres Associates, Inc - Madison, Wisconsin
--	--

This form is authorized by Chapters 144, 147 and 162, Wis. Stat. Completion of this report is mandatory. Penalties : Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both, for each violation. Each day of continued violation is a separate offense, pursuant to ss.144.99 and 162.06, Wis. Stats.



Facility Name <b>Herreid Property</b>				Job Number				License/Permit/Monitoring Number							
Boring Drilled by <b>Geiss Soil &amp; Sampling LLC</b>				Date Installed <b>4/20/07</b>											
Boring or Well Number <b>GP-2</b>		WI Unique Well Number (DNR)		Borehole Diameter (inches) <b>2"</b>			Water Level (feet)		Surface Elevation (feet)						
<u>NE</u> <u>1/4 of NE</u> <u>1/4 of Section</u> <u>36</u> <u>T</u> <u>7</u> <u>N R</u> <u>7</u> <u>W</u>				Grid Location											
County: <b>Crawford</b>		County Code: <b>12</b>		Civil Town:			<b>Prairie du Chien</b>								
Sample		D E P T H (Ft)	Soil / Rock Description		Well Dia- gram	U S C S	R Q D	Graphic Log	PID (vppm)	Soil Properties			Blow Count		
No.	Rec.									qu	W	LL	PL	P200	
1	20"	0-2	4" Gravel, brown 16" Sand, silty, fine grained, dark brown		GP SM			0.2		M					
2	22"	2-4	Sand, silty, fine grained, dark brown							SM					M
3	16"	4-6	Sand, medium to coarse grained, brown		SP			0.2		M					
4	14"	6-8	Sand, medium to coarse grained, brown							SP					M
5	10"	8-10	Sand, medium to coarse grained, brown		SP			0.2		M					
6	10"	10-12	Sand, medium to coarse grained, brown							SP					M
7	14"	12-14	Sand, medium to coarse grained, brown		SP			0.2		M					
I hereby certify that the information on this form is true and correct to the best of my knowledge.															
Signature: 					Firm: Ayres Associates, Inc - Madison, Wisconsin										
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Facility Name <b>Herreid Property</b>				Job Number				License/Permit/Monitoring Number							
Boring Drilled by <b>Geiss Soil &amp; Sampling LLC</b>								Date Installed <b>4/20/07</b>							
Boring or Well Number <b>GP-3</b>		WI Unique Well Number (DNR)		Borehole Diameter (inches) <b>2"</b>				Water Level (feet)			Surface Elevation (feet)				
NE 1/4 of NE 1/4 of Section 36 T 7 N R 7 W				Grid Location				feet N or S			feet E or W				
County: <b>Crawford</b>			County Code: <b>12</b>			Civil Town: <b>Prairie du Chien</b>									
Sample		D E P T H (ft)	Soil / Rock Description			Well Dia- gram	U S C S	R Q D	Graphic Log	PID (vppm)	Soil Properties			Blow Count	
No.	Rec.										qu	W	LL	PL	P200
1	10"	0-2	Sand, medium to coarse grained, brown			SP	SP	0.2	M	M	M	M	M	M	
2	12"	2-4	Sand, fine to medium grained, silty, dark brown												
3	10"	4-6	Sand, medium to coarse grained, brown												
4	14"	6-8	Sand, medium to coarse grained, brown												
5	16"	8-10	Sand, medium to coarse grained, brown												
6	12"	10-12	Sand, medium to coarse grained, brown												
7	14"	12-14	Sand, medium to coarse grained, brown												

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

Signature: 	Firm: Ayres Associates, Inc - Madison, Wisconsin
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Facility Name <b>Herreid Property</b>				Job Number				License/Permit/Monitoring Number												
Boring Drilled by <b>Geiss Soil &amp; Sampling LLC</b>				Date Installed <b>4/20/07</b>																
Boring or Well Number <b>GP-4</b>		WI Unique Well Number (DNR)		Borehole Diameter (inches) <b>2"</b>		Water Level (feet)		Surface Elevation (feet)												
NE 1/4 of NE 1/4 of Section <u>36</u> T <u>7</u> N R <u>7</u> W		Grid Location _____ feet N or S _____ feet E or W																		
County: <b>Crawford</b>			County Code: <b>12</b>			Civil Town: <b>Prairie du Chien</b>														
No.	Rec.	Sample	D E P T H (Ft)	Soil / Rock Description			Well Dia- gram	U S C S	R Q D	Graphic Log	PID (vppm)	Soil Properties				Blow Count				
1	12"	0-2		4" Gravel, brown 8" Sand, medium to coarse grained, dark brown				GP SP			0.2	qu	W	LL	PL	P200				
2	14"	2-4		Sand, medium to coarse grained, dark brown												M				
3	10"	4-6		Sand, medium to coarse grained, dark brown												M				
4	10"	6-8		Sand, medium to coarse grained, dark brown												M				
5	14"	8-10		Sand, medium to coarse grained, dark brown												M				
6	10"	10-12		Sand, medium to coarse grained, dark brown												M				
7	12"	12-14		Sand, medium to coarse grained, brown												M				

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

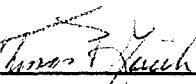
Signature: 	Firm: Ayres Associates, Inc - Madison, Wisconsin
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Facility Name <b>Herreid Property</b>				Job Number				License/Permit/Monitoring Number														
Boring Drilled by <b>Geiss Soil &amp; Sampling LLC</b>				Date Installed <b>4/20/07</b>																		
Boring or Well Number <b>GP-5</b>		WI Unique Well Number (DNR)		Borehole Diameter (inches) <b>2"</b>			Water Level (feet)		Surface Elevation (feet)													
NE 1/4 of NE 1/4 of Section <u>36</u> T <u>7</u> N R <u>7</u> W		Grid Location																				
County: <b>Crawford</b>			County Code: <b>12</b>			Civil Town: <b>Prairie du Chien</b>																
Sample		D E P T H (Ft)	Soil / Rock Description			Well Dia- gram	U S C S	R Q D	Graphic Log	PID (vppm)	Soil Properties			Blow Count								
No.	Rec.				qu	W	LL	PL	P200													
1	8"	0-2	2" Gravel, brown 6" Sand, medium to coarse grained, brown			GP SP	SP	SP	SP	SP	SP	SP	SP	0.2	M							
2	14"	2-4	Sand, medium to coarse grained, brown											0.2	M							
3	14"	4-6	Sand, medium to coarse grained, brown											0.2	M							
4	12"	6-8	Sand, medium to coarse grained, brown											0.2	M							
5	14"	8-10	Sand, medium to coarse grained, brown											0.2	M							
6	14"	10-12	Sand, medium to coarse grained, brown											0.2	M							
7	10"	12-14	Sand, medium to coarse grained, brown											0.2	M							

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

Signature: 

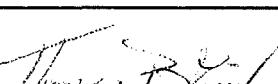
Firm: Ayres Associates, Inc - Madison, Wisconsin

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Facility Name <b>Herreid Property</b>				Job Number				License/Permit/Monitoring Number													
Boring Drilled by <b>Geiss Soil &amp; Sampling LLC</b>				Date Installed <b>4/20/07</b>																	
Boring or Well Number <b>GP-6</b>		WI Unique Well Number (DNR)		Borehole Diameter (inches) <b>2"</b>			Water Level (feet)		Surface Elevation (feet)												
<u>NE</u> 1/4 of <u>NE</u> 1/4 of Section <u>36</u> T <u>7</u> N R <u>7</u> W				Grid Location					feet N or S      feet E or W												
County: <b>Crawford</b>			County Code: <b>12</b>			Civil Town: <b>Prairie du Chien</b>															
No.	Rec.	Sample	D E P T H (ft)	Soil / Rock Description			Well Dia- gram	U S C S	R Q D	Graphic Log	PID (vppm)	Soil Properties			Blow Count						
1	8"	0-2	Sand, fine grained, silty, dark brown				SP				0.2	qu	W	LL	PL	P200					
2	10"	2-4	Sand, fine grained, silty, dark brown									0.2	0.2	0.2	0.2	0.2	0.2	D	D	D	D
3	16"	4-6	Sand, medium to coarse grained with gravel, brown									0.2	0.2	0.2	0.2	0.2	0.2	D	D	D	D
4	20"	6-8	Sand, medium to coarse grained with gravel, brown									0.2	0.2	0.2	0.2	0.2	0.2	D	D	D	D
5	24"	8-10	Sand, medium to coarse grained, brown									0.2	0.2	0.2	0.2	0.2	0.2	D	D	D	D
6	24"	10-12	Sand, medium to coarse grained, brown									0.2	0.2	0.2	0.2	0.2	0.2	M	M	M	M
7	24"	12-14	Sand, medium to coarse grained, brown									0.2	0.2	0.2	0.2	0.2	0.2	M	M	M	M
I hereby certify that the information on this form is true and correct to the best of my knowledge.																					
Signature:				Firm: Ayres Associates, Inc - Madison, Wisconsin																	
This form is authorized by Chapters 144, 147 and 162, Wis. Stat. Completion of this report is mandatory. Penalties : Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both, for each violation. Each day of continued violation is a separate offense, pursuant to ss.144.99 and 162.06, Wis. Stats.																					

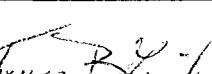


Facility Name <b>Herreid Property</b>				Job Number				License/Permit/Monitoring Number						
Boring Drilled by <b>Geiss Soil &amp; Sampling LLC</b>				Date Installed <b>4/20/07</b>										
Boring or Well Number <b>GP-7</b>		WI Unique Well Number (DNR)		Borehole Diameter (inches) <b>2"</b>			Water Level (feet)		Surface Elevation (feet)					
<u>NE</u> 1/4 of <u>NE</u> 1/4 of Section <u>36</u> T <u>7</u> N R <u>7</u> W		Grid Location				feet N or S      feet E or W								
County: <b>Crawford</b>			County Code: <b>12</b>			Civil Town: <b>Prairie du Chien</b>								
Sample		D E P T H (Ft)	Soil / Rock Description			Well Dia- gram	U S C S	R Q D	Graphic Log	PID (vppm)	Soil Properties			Blow Count
No.	Rec.									qu	W	LL	PL	P200
1	16"	0-2	Sand, fine grained, silty, with brick fragments, dark brown				SM			0.2	M			
2	14"	2-4	6" Sand, fine grained, silty, with brick fragments, dark brown 8" Sand, medium to coarse grained, brown											
3	18"	4-6	Sand, medium to coarse grained, brown				SP			0.2	M			
4	16"	6-8	Sand, medium to coarse grained, brown											
5	20"	8-10	Sand, medium to coarse grained, brown											
6	20"	10-12	Sand, medium to coarse grained, brown											
7	20"	12-14	Sand, medium to coarse grained, brown											
I hereby certify that the information on this form is true and correct to the best of my knowledge.														
Signature: 				Firm: Ayres Associates, Inc - Madison, Wisconsin										
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Facility Name <b>Herreid Property</b>				Job Number				License/Permit/Monitoring Number							
Boring Drilled by <b>Geiss Soil &amp; Sampling LLC</b>				Date Installed <b>4/20/07</b>											
Boring or Well Number <b>GP-8</b>		WI Unique Well Number (DNR)		Borehole Diameter (inches) <b>2"</b>			Water Level (feet)		Surface Elevation (feet)						
<u>NE</u> 1/4 of <u>NE</u> 1/4 of Section <u>36</u> T <u>7</u> N R <u>7</u> W				Grid Location				feet N or S _____ feet E or W							
County: <b>Crawford</b>			County Code: <b>12</b>			Civil Town: <b>Prairie du Chien</b>									
Sample		D E P T H (Ft)	Soil / Rock Description			Well Dia- gram	U S C S	R Q D	Graphic Log	PID (vppm)	Soil Properties			Blow Count	
No.	Rec.										qu	W	LL	PL	P200
1	14"	0-2	Sand, fine grained, silty, dark brown				SM			0.2	M				
2	18"	2-4	12" Sand, fine grained, silty, dark brown 6" Sand, medium to coarse grained, brown				SM				0.2	M			
3	16"	4-6	Sand, medium to coarse grained, brown				SP				0.2	M			
4	16"	6-8	Sand, medium to coarse grained, brown				SP				0.2	M			
5	20"	8-10	Sand, medium to coarse grained, brown				SP				0.2	M			
6	20"	10-12	Sand, medium to coarse grained, brown				SP				0.2	M			
7	20"	12-14	Sand, medium to coarse grained, brown				SP				0.2	M			

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

Signature: 	Firm: Ayres Associates, Inc - Madison, Wisconsin
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Facility Name <b>Herreid Property</b>				Job Number				License/Permit/Monitoring Number						
Boring Drilled by <b>Geiss Soil &amp; Sampling LLC</b>				Date Installed <b>4/20/07</b>										
Boring or Well Number <b>GP-9</b>		WI Unique Well Number (DNR)		Borehole Diameter (inches) <b>2"</b>			Water Level (feet)		Surface Elevation (feet)					
<b>NE 1/4 of NE 1/4 of Section 36 T 7 N R 7 W</b>				Grid Location				feet N or S      feet E or W						
County: <b>Crawford</b>			County Code: <b>12</b>			Civil Town: <b>Prairie du Chien</b>								
Sample		D E P T H (Ft)	Soil / Rock Description			Well Dia- gram	U S C S	R Q D	Graphic Log	PID (vppm)	Soil Properties			Blow Count
No.	Rec.									qu	W	LL	PL	P200
1	14"	0-2	6" Sand and gravel, brown 8" Sand, fine grained, silty, dark brown				GP SM			0.2	M			
2	18"	2-4	14" Sand, fine grained, silty, dark brown 4" Sand, medium to coarse grained, brown											
3	20"	4-6	Sand, medium to coarse grained, brown				SM SP			0.2	M			
4	20"	6-8	Sand, medium to coarse grained, brown											
5	20"	8-10	Sand, medium to coarse grained, brown				SP			0.2	M			
6	24"	10-12	Sand, medium to coarse grained, brown											
7	24"	12-14	Sand, medium to coarse grained, brown				SP			0.2	M			

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

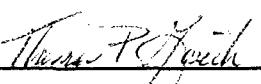
Signature: 	Firm: Ayres Associates, Inc - Madison, Wisconsin
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Facility Name <b>Herreid Property</b>				Job Number				License/Permit/Monitoring Number						
Boring Drilled by <b>Geiss Soil &amp; Sampling LLC</b>				Date Installed <b>4/20/07</b>										
Boring or Well Number <b>GP-10</b>		WI Unique Well Number (DNR)		Borehole Diameter (inches) <b>2"</b>		Water Level (feet)		Surface Elevation (feet)						
<u>NE</u> <u>1/4 of NE</u> <u>1/4 of Section</u> <u>36</u> <u>T</u> <u>7</u> <u>N R</u> <u>7</u> <u>W</u>				Grid Location _____ feet N or S _____ feet E or W										
County: <b>Crawford</b>		County Code: <b>12</b>		Civil Town:		<b>Prairie du Chien</b>								
Sample	D E P T H (Ft)	Soil / Rock Description			Well Dia- gram	U S C S	R Q D	Graphic Log	PID (vppm)	Soil Properties			Blow Count	
No.	Rec.									qu	W	LL	PL	P200
1	12"	0-2	4" Gravel, brown 8" Mixed gravel and fine silty sand, dark brown				GP		0.2		M			
2	20"	2-4	12" Sand, fine grained, silty, dark brown 8" Sand, medium to coarse grained, brown				SM							
3	20"	4-6	Sand, medium to coarse grained, brown				SP		0.2		M			
4	24"	6-8	Sand, medium to coarse grained, brown				SP							
5	18"	8-10	Sand, medium to coarse grained, brown				SP		0.2		M			
6	20"	10-12	Sand, medium to coarse grained, brown				SP							
7	20"	12-14	Sand, medium to coarse grained, brown				SP		0.2		M			

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

Signature: 	Firm: Ayres Associates, Inc - Madison, Wisconsin
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## **Appendix C**

### **Laboratory Reports**



1230 Lange Court  
Baraboo, WI 53913-3109  
Phone: (800) 228-3012  
Fax: (608) 356-2766  
[www.ctlaboratories.com](http://www.ctlaboratories.com)

## ANALYTICAL REPORT

Page 1 of 45

AYRES ASSOCIATES  
TOM GAIICK  
1802 PANKRATZ ST  
MADISON, WI 53704-4069

Project Name: HERRIED  
Contract #: 1452  
Project #:  
Folder #: 59904  
Purchase Order #:  
Arrival Temperature: See COC  
Report Date: 5/9/2007  
Date Received: 4/24/2007  
Reprint Date:

CT Lab#: 468159		Sample Description: GP-1, 0-2						Sampled: 4/20/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
<b>Inorganic Results</b>										
Solids, Percent	96.8 %		N/A	N/A	1.0		4/25/2007	5/2/2007	CES	EPA 5030A
<b>Organic Results</b>										
1-Methylnaphthalene	<0.025 mg/kg		0.025	0.076	1.0		4/25/2007	5/2/2007	RED	EPA 8310
2-Methylnaphthalene	<0.026 mg/kg		0.026	0.080	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Acenaphthene	<0.025 mg/kg		0.025	0.079	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Acenaphthylene	<0.032 mg/kg		0.032	0.099	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Anthracene	<0.0031 mg/kg		0.0031	0.0093	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Benzo(a)anthracene	<0.0010 mg/kg		0.0010	0.0031	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Benzo(a)pyrene	<0.0031 mg/kg		0.0031	0.0083	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Benzo(b)fluoranthene	0.0040 mg/kg		0.0021 *	0.0062	1.0	P	4/25/2007	5/2/2007	RED	EPA 8310
Benzo(g,h,i)perylene	<0.0062 mg/kg		0.0062	0.020	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Benzo(k)fluoranthene	<0.0031 mg/kg		0.0031	0.0083	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Chrysene	<0.0031 mg/kg		0.0031	0.0083	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Dibenzo(a,h)anthracene	<0.0052 mg/kg		0.0052	0.015	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Fluoranthene	<0.0021 mg/kg		0.0021	0.0041	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Fluorene	<0.0062 mg/kg		0.0062	0.019	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Indeno(1,2,3-cd)pyrene	<0.0031 mg/kg		0.0031	0.0093	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Naphthalene	<0.022 mg/kg		0.022	0.066	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Phenanthrene	<0.0031 mg/kg		0.0031	0.0093	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Pyrene	0.031 mg/kg		0.0031	0.0093	1.0	P	4/25/2007	5/2/2007	RED	EPA 8310
Acetone	<0.17 mg/kg		0.17	0.55	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Benzene	<0.010 mg/kg		0.010	0.034	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B

WI DNR Lab Certification Number: 15-7066030  
DATCP Certification Number: 105-000289  
LA NELAP Certification Number: 04091





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CT Lab#: 468159		Sample Description: GP-1, 0-2						Sampled: 4/20/2007		
Analyst	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Bromobenzene	<0.013 mg/kg		0.013	0.043	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromoform	<0.015 mg/kg		0.015	0.053	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromodichloromethane	<0.0072 mg/kg		0.0072	0.023	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromomethane	<0.017 mg/kg		0.017	0.055	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2-Butanone	<0.034 mg/kg		0.034	0.11	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
n-Butylbenzene	<0.11 mg/kg		0.11	0.37	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
sec-Butylbenzene	<0.013 mg/kg		0.013	0.042	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
tert-Butylbenzene	<0.0083 mg/kg		0.0083	0.027	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Carbon disulfide	<0.026 mg/kg		0.026	0.088	1.0	Q	4/25/2007	4/29/2007	RLD	EPA 8260B
Carbon tetrachloride	<0.017 mg/kg		0.017	0.057	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chlorobenzene	<0.0062 mg/kg		0.0062	0.022	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Dibromochloromethane	<0.0083 mg/kg		0.0083	0.029	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chloroethane	<0.023 mg/kg		0.023	0.071	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chloroform	<0.014 mg/kg		0.014	0.046	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chloromethane	<0.020 mg/kg		0.020	0.065	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2-Chlorotoluene	<0.0083 mg/kg		0.0083	0.026	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
4-Chlorotoluene	<0.0072 mg/kg		0.0072	0.025	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dibromo-3-chloropropane	<0.022 mg/kg		0.022	0.071	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dibromoethane	<0.010 mg/kg		0.010	0.034	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Dibromomethane	<0.0093 mg/kg		0.0093	0.031	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichlorobenzene	<0.012 mg/kg		0.012	0.042	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,3-Dichlorobenzene	<0.0072 mg/kg		0.0072	0.024	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,4-Dichlorobenzene	<0.0072 mg/kg		0.0072	0.026	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichlorodifluoromethane	<0.024 mg/kg		0.024	0.081	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichloroethane	<0.013 mg/kg		0.013	0.045	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichloroethane	<0.012 mg/kg		0.012	0.041	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichloroethylene	<0.015 mg/kg		0.015	0.051	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
cis-1,2-Dichloroethylene	<0.020 mg/kg		0.020	0.067	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
trans-1,2-Dichloroethylene	<0.015 mg/kg		0.015	0.053	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichloropropane	<0.014 mg/kg		0.014	0.048	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,3-Dichloropropane	<0.0093 mg/kg		0.0093	0.033	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2,2-Dichloropropane	<0.023 mg/kg		0.023	0.074	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichloropropene	<0.015 mg/kg		0.015	0.051	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
cis-1,3-Dichloropropene	<0.010 mg/kg		0.010	0.034	1.0	Q	4/25/2007	4/29/2007	RLD	EPA 8260B
trans-1,3-Dichloropropene	<0.0083 mg/kg		0.0083	0.028	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Diisopropyl ether	<0.013 mg/kg		0.013	0.045	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B

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DATCP Certification Number: 105-000289  
LA NELAP Certification Number: 04091





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CT Lab#: 468159	Sample Description: GP-1, 0-2							Sampled: 4/20/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method

Ethylbenzene	<0.011 mg/kg		0.011	0.037	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Hexachlorobutadiene	<0.021 mg/kg		0.021	0.068	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2-Hexanone	<0.13 mg/kg		0.13	0.43	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Isopropylbenzene	<0.015 mg/kg		0.015	0.052	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
p-Isopropyltoluene	<0.0072 mg/kg		0.0072	0.023	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Methyl tert-butyl ether	<0.0093 mg/kg		0.0093	0.031	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
4-Methyl-2-pentanone	<0.13 mg/kg		0.13	0.46	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Methylene chloride	<0.050 mg/kg		0.050	0.16	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Naphthalene	<0.014 mg/kg		0.014	0.049	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
n Propylbenzene	<0.012 mg/kg		0.012	0.042	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Syrene	<0.012 mg/kg		0.012	0.041	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,1,2-Tetrachloroethane	<0.011 mg/kg		0.011	0.036	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,2,2-Tetrachloroethane	<0.0093 mg/kg		0.0093	0.036	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Tetrachloroethene	<0.013 mg/kg		0.013	0.043	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Tetrahydrofuran	<0.14 mg/kg		0.14	0.48	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Toluene	<0.0083 mg/kg		0.0083	0.029	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,3-Trichlorobenzene	<0.022 mg/kg		0.022	0.068	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,4-Trichlorobenzene	<0.014 mg/kg		0.014	0.050	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,1-Trichloroethane	<0.0093 mg/kg		0.0093	0.032	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,2-Trichloroethane	<0.0093 mg/kg		0.0093	0.031	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Trichloroethene	<0.0072 mg/kg		0.0072	0.024	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Trichlorofluoromethane	<0.021 mg/kg		0.021	0.070	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,3-Trichloropropane	<0.012 mg/kg		0.012	0.042	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,4-Trimethylbenzene	<0.014 mg/kg		0.014	0.046	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,3,5-Trimethylbenzene	<0.010 mg/kg		0.010	0.036	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Vinyl chloride	<0.018 mg/kg		0.018	0.058	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
m & p-Xylene	<0.014 mg/kg		0.014	0.048	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
o-Xylene	<0.0093 mg/kg		0.0093	0.031	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B

CT Lab#: 468165	Sample Description: GP-2, 2-4							Sampled: 4/20/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method

### Inorganic Results

Solids, Percent	93.5 %	N/A	N/A	1.0			4/25/2007	CES	EPA 5030A
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### Organic Results

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LA NELAP Certification Number: 04091



Solid sample results reported on a Dry Weight Basis



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Analyst	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1-Methylnaphthalene	<0.026 mg/kg		0.025	0.078	1.0		4/25/2007	5/2/2007	RED	EPA 8310
2-Methylnaphthalene	<0.027 mg/kg		0.026	0.082	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Acenaphthene	<0.026 mg/kg		0.025	0.080	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Acenaphthylene	<0.033 mg/kg		0.033	0.10	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Anthracene	<0.0032 mg/kg		0.0032	0.0095	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Benzo(a)anthracene	<0.0011 mg/kg		0.0011	0.0032	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Benzo(a)pyrene	<0.0032 mg/kg		0.0032	0.0085	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Benzo(b)fluoranthene	<0.0022 mg/kg		0.0021	0.0064	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Benzo(g,h,i)perylene	<0.0065 mg/kg		0.0064	0.020	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Benzo(k)fluoranthene	<0.0032 mg/kg		0.0032	0.0085	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Chrysene	<0.0032 mg/kg		0.0032	0.0085	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Dibenz(a,h)anthracene	<0.0054 mg/kg		0.0053	0.016	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Fluoranthene	<0.0022 mg/kg		0.0021	0.0042	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Fluorene	<0.0065 mg/kg		0.0064	0.019	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Indeno(1,2,3-cd)pyrene	<0.0032 mg/kg		0.0032	0.0095	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Naphthalene	<0.023 mg/kg		0.022	0.068	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Phenanthrene	<0.0032 mg/kg		0.0032	0.0095	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Pyrene	<0.0032 mg/kg		0.0032	0.0095	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Acetone	<0.17 mg/kg		0.17	0.57	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Benzene	<0.011 mg/kg		0.011	0.035	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromobenzene	<0.014 mg/kg		0.014	0.045	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromochloromethane	<0.016 mg/kg		0.016	0.055	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromodichloromethane	<0.0075 mg/kg		0.0075	0.024	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromoform	<0.017 mg/kg		0.017	0.057	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromomethane	<0.035 mg/kg		0.035	0.12	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2-Butanone	<0.12 mg/kg		0.12	0.39	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
n-Butylbenzene	<0.014 mg/kg		0.014	0.044	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
sec-Butylbenzene	<0.0086 mg/kg		0.0086	0.028	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
tert-Butylbenzene	<0.0075 mg/kg		0.0075	0.026	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Carbon disulfide	<0.027 mg/kg		0.027	0.091	1.0	Q	4/25/2007	4/29/2007	RLD	EPA 8260B
Carbon tetrachloride	<0.017 mg/kg		0.017	0.059	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chlorobenzene	<0.0064 mg/kg		0.0064	0.022	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Dibromochloromethane	<0.0086 mg/kg		0.0086	0.030	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chloroethane	<0.024 mg/kg		0.024	0.074	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chloroform	<0.015 mg/kg		0.015	0.048	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chloromethane	<0.020 mg/kg		0.020	0.067	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B

WI DNR Lab Certification Number: 15-7066030  
DATCP Certification Number: 105-000289  
LA NELAP Certification Number: 04091





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CT Lab#:	468165	Sample Description: GP-2, 2-4							Sampled: 4/20/2007		
Analyte		Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
2-Chlorotoluene		<0.0086 mg/kg		0.0086	0.027	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
4 Chlorotoluene		<0.0075 mg/kg		0.0075	0.026	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dibromo-3-chloropropane		<0.022 mg/kg		0.022	0.074	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dibromoethane		<0.011 mg/kg		0.011	0.035	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
C bromomethane		<0.0096 mg/kg		0.0096	0.032	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichlorobenzene		<0.013 mg/kg		0.013	0.044	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,3-Dichlorobenzene		<0.0075 mg/kg		0.0075	0.025	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,4-Dichlorobenzene		<0.0075 mg/kg		0.0075	0.027	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Dichlorodifluoromethane		<0.025 mg/kg		0.025	0.083	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichloroethane		<0.014 mg/kg		0.014	0.047	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichloroethane		<0.013 mg/kg		0.013	0.043	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichloroethene		<0.016 mg/kg		0.016	0.052	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
c,s-1,2-Dichloroethene		<0.020 mg/kg		0.020	0.070	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
trans-1,2-Dichloroethene		<0.016 mg/kg		0.016	0.055	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichloropropane		<0.015 mg/kg		0.015	0.049	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,3-Dichloropropane		<0.0096 mg/kg		0.0096	0.034	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2,2-Dichloropropane		<0.024 mg/kg		0.024	0.077	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichloropropene		<0.016 mg/kg		0.016	0.052	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
c,s-1,3-Dichloropropene		<0.011 mg/kg		0.011	0.035	1.0	Q	4/25/2007	4/29/2007	RLD	EPA 8260B
trans-1,3-Dichloropropene		<0.0086 mg/kg		0.0086	0.029	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Cisopropyl ether		<0.014 mg/kg		0.014	0.047	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
E hylbenzene		<0.012 mg/kg		0.012	0.039	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Hexachlorobutadiene		<0.021 mg/kg		0.021	0.071	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2-Hexanone		<0.14 mg/kg		0.14	0.45	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Isopropylbenzene		<0.016 mg/kg		0.016	0.053	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
p-Isopropyltoluene		<0.0075 mg/kg		0.0075	0.024	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Methyl tert-butyl ether		<0.0096 mg/kg		0.0096	0.032	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
4 Methyl-2-pentanone		<0.14 mg/kg		0.14	0.48	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
M ethylene chloride		<0.051 mg/kg		0.051	0.17	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Naphthalene		<0.015 mg/kg		0.015	0.050	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
n Propylbenzene		<0.013 mg/kg		0.013	0.044	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Styrene		<0.013 mg/kg		0.013	0.043	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,2-Tetrachloroethane		<0.012 mg/kg		0.012	0.037	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,2,2-Tetrachloroethane		<0.0096 mg/kg		0.0096	0.037	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Tetrachloroethene		<0.014 mg/kg		0.014	0.045	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Tetrahydrofuran		<0.15 mg/kg		0.15	0.49	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Toluene		<0.0086 mg/kg		0.0086	0.030	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B

WI DNR Lab Certification Number: 15-7066030

DATCP Certification Number: 105-000289

LA NELAP Certification Number: 04091





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CT Lab#: 468165	Sample Description: GP-2, 2-4						Sampled: 4/20/2007			
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1,2,3-Trichlorobenzene	<0.022 mg/kg		0.022	0.071	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,4-Trichlorobenzene	<0.015 mg/kg		0.015	0.051	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,1-Trichloroethane	<0.0096 mg/kg		0.0096	0.033	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,2-Trichloroethane	<0.0096 mg/kg		0.0096	0.032	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Trichloroethylene	<0.0075 mg/kg		0.0075	0.025	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Trichlorofluoromethane	<0.021 mg/kg		0.021	0.073	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,3-Trichloropropane	<0.013 mg/kg		0.013	0.044	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,4-Trimethylbenzene	<0.015 mg/kg		0.015	0.048	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,3,5-Trimethylbenzene	<0.011 mg/kg		0.011	0.037	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Vinyl chloride	<0.018 mg/kg		0.018	0.060	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
m & p-Xylene	<0.015 mg/kg		0.015	0.049	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
o-Xylene	<0.0096 mg/kg		0.0096	0.032	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B

CT Lab#: 468166	Sample Description: GP-3, 0-2						Sampled: 4/20/2007			
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
<b>Inorganic Results</b>										
Solids, Percent	96.4 %		N/A	N/A	1.0		4/25/2007	CES	EPA 5030A	
<b>Metals Results</b>										
Arsenic	<0.56 mg/kg		0.56	1.9	1.0		4/25/2007	4/26/2007	NAH	EPA 6010B
Barium	24.9 mg/kg		0.093	0.30	1.0		4/25/2007	4/26/2007	NAH	EPA 6010B
Cadmium	<0.056 mg/kg		0.056	0.18	1.0		4/25/2007	4/26/2007	NAH	EPA 6010B
Chromium	6.5 mg/kg		0.37	1.3	1.0		4/25/2007	4/26/2007	NAH	EPA 6010B
Lead	1.8 mg/kg		0.28	0.92	1.0		4/25/2007	4/26/2007	NAH	EPA 6010B
Selenium	<0.56 mg/kg		0.56	1.8	1.0		4/25/2007	4/26/2007	NAH	EPA 6010B
Silver	<0.28 mg/kg		0.28	1.0	1.0		4/25/2007	4/26/2007	NAH	EPA 6010B
Mercury	0.0023 mg/kg		0.00073 *	0.0024	1.0		4/27/2007	4/30/2007	NAH	EPA 7471A
<b>Organic Results</b>										
1-Methylnaphthalene	<0.025 mg/kg		0.025	0.076	1.0		4/25/2007	5/2/2007	RED	EPA 8310
2-Methylnaphthalene	<0.026 mg/kg		0.026	0.079	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Acenaphthene	<0.025 mg/kg		0.025	0.078	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Acenaphthylene	<0.032 mg/kg		0.032	0.099	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Anthracene	<0.0031 mg/kg		0.0031	0.0092	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Benzo(a)anthracene	<0.0010 mg/kg		0.0010	0.0031	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Benzo(a)pyrene	<0.0031 mg/kg		0.0031	0.0082	1.0		4/25/2007	5/2/2007	RED	EPA 8310

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CT Lab#: 468166		Sample Description: GP-3, 0-2							Sampled: 4/20/2007	
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Benzo(b)fluoranthene	<0.0021 mg/kg		0.0021	0.0062	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Benzo(g,h,i)perylene	<0.0063 mg/kg		0.0062	0.020	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Benzo(k)fluoranthene	<0.0031 mg/kg		0.0031	0.0082	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Chrysene	<0.0031 mg/kg		0.0031	0.0082	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Dibenzo(a,h)anthracene	<0.0052 mg/kg		0.0051	0.015	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Fluoranthene	<0.0021 mg/kg		0.0021	0.0041	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Fluorene	<0.0063 mg/kg		0.0062	0.018	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Indeno(1,2,3-cd)pyrene	<0.0031 mg/kg		0.0031	0.0092	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Naphthalene	<0.022 mg/kg		0.022	0.066	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Phenanthrene	<0.0031 mg/kg		0.0031	0.0092	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Pyrene	<0.0031 mg/kg		0.0031	0.0092	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Acetone	<0.17 mg/kg		0.17	0.55	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Benzene	<0.010 mg/kg		0.010	0.034	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromobenzene	<0.013 mg/kg		0.013	0.044	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromoform	<0.016 mg/kg		0.016	0.053	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromochloromethane	<0.0073 mg/kg		0.0073	0.023	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromodichloromethane	<0.0073 mg/kg		0.0073	0.023	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromoform	<0.017 mg/kg		0.017	0.055	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromomethane	<0.034 mg/kg		0.034	0.12	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2-Butanone	<0.11 mg/kg		0.11	0.37	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
n-Butylbenzene	<0.013 mg/kg		0.013	0.043	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
sec-Butylbenzene	<0.0083 mg/kg		0.0083	0.027	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
tert-Butylbenzene	<0.0073 mg/kg		0.0073	0.025	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Carbon disulfide	<0.026 mg/kg		0.026	0.088	1.0	Q	4/25/2007	4/29/2007	RLD	EPA 8260B
Carbon tetrachloride	<0.017 mg/kg		0.017	0.057	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chlorobenzene	<0.0062 mg/kg		0.0062	0.022	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Dibromochloromethane	<0.0083 mg/kg		0.0083	0.029	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chloroethane	<0.023 mg/kg		0.023	0.072	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chloroform	<0.015 mg/kg		0.015	0.047	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chloromethane	<0.020 mg/kg		0.020	0.065	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2-Chlorotoluene	<0.0083 mg/kg		0.0083	0.026	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
4-Chlorotoluene	<0.0073 mg/kg		0.0073	0.025	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dibromo-3-chloropropane	<0.022 mg/kg		0.022	0.072	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dibromoethane	<0.010 mg/kg		0.010	0.034	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Dibromomethane	<0.0093 mg/kg		0.0093	0.031	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichlorobenzene	<0.012 mg/kg		0.012	0.043	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,3-Dichlorobenzene	<0.0073 mg/kg		0.0073	0.024	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B

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CT Lab#: 468166		Sample Description: GP-3, 0-2						Sampled: 4/20/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1,4-Dichlorobenzene	<0.0073 mg/kg	0.0073	0.026	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Dichlorodifluoromethane	<0.024 mg/kg	0.024	0.081	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichloroethane	<0.013 mg/kg	0.013	0.046	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichloroethane	<0.012 mg/kg	0.012	0.041	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichloroethene	<0.016 mg/kg	0.016	0.051	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
cis-1,2-Dichloroethene	<0.020 mg/kg	0.020	0.067	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
trans-1,2-Dichloroethene	<0.016 mg/kg	0.016	0.053	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichloropropane	<0.015 mg/kg	0.015	0.048	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,3-Dichloropropane	<0.0093 mg/kg	0.0093	0.033	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
2,2-Dichloropropane	<0.023 mg/kg	0.023	0.075	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichloropropene	<0.016 mg/kg	0.016	0.051	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
cis-1,3-Dichloropropene	<0.010 mg/kg	0.010	0.034	1.0	Q		4/25/2007	4/29/2007	RLD	EPA 8260B
trans-1,3-Dichloropropene	<0.0083 mg/kg	0.0083	0.028	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Diisopropyl ether	<0.013 mg/kg	0.013	0.046	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Ethylbenzene	<0.011 mg/kg	0.011	0.037	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Hexachlorobutadiene	<0.021 mg/kg	0.021	0.068	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
2-Hexanone	<0.13 mg/kg	0.13	0.44	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Isopropylbenzene	<0.016 mg/kg	0.016	0.052	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
p-Isopropyltoluene	<0.0073 mg/kg	0.0073	0.023	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Methyl tert-butyl ether	<0.0093 mg/kg	0.0093	0.031	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
4-Methyl-2-pentanone	<0.13 mg/kg	0.13	0.47	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Methylene chloride	<0.050 mg/kg	0.050	0.16	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Naphthalene	<0.015 mg/kg	0.015	0.049	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
n-Propylbenzene	<0.012 mg/kg	0.012	0.043	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Styrene	<0.012 mg/kg	0.012	0.041	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,1,2-Tetrachloroethane	<0.011 mg/kg	0.011	0.036	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,2,2-Tetrachloroethane	<0.0093 mg/kg	0.0093	0.036	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Tetrachloroethene	<0.013 mg/kg	0.013	0.044	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Tetrahydrofuran	<0.15 mg/kg	0.15	0.48	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Toluene	<0.0083 mg/kg	0.0083	0.029	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,3-Trichlorobenzene	<0.022 mg/kg	0.022	0.068	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,4-Trichlorobenzene	<0.015 mg/kg	0.015	0.050	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,1-Trichloroethane	<0.0093 mg/kg	0.0093	0.032	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,2-Trichloroethane	<0.0093 mg/kg	0.0093	0.031	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Trichloroethene	<0.0073 mg/kg	0.0073	0.024	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Trichlorofluoromethane	<0.021 mg/kg	0.021	0.071	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,3-Trichloropropane	<0.012 mg/kg	0.012	0.043	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B

WI DNR Lab Certification Number: 15-7066030

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CT Lab#: 468166	Sample Description: GP-3, 0-2							Sampled: 4/20/2007		
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1,2,4-Trimethylbenzene	<0.015 mg/kg		0.015	0.047	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,3,5-Trimethylbenzene	<0.010 mg/kg		0.010	0.036	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Vinyl chloride	<0.018 mg/kg		0.018	0.058	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
n & p-Xylene	<0.015 mg/kg		0.015	0.048	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
o Xylene	<0.0093 mg/kg		0.0093	0.031	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B

CT Lab#: 468167	Sample Description: GP-4, 0-2							Sampled: 4/20/2007		
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
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### Inorganic Results

Solids, Percent	95.4 %	N/A	N/A	1.0			4/25/2007	CES	EPA 5030A
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### Organic Results

Qualifiers applying to all Analytes of Method EPA 8310: V

1-Methylnaphthalene	<0.050 mg/kg	0.050	0.16	2.0		4/25/2007	5/2/2007	RED	EPA 8310
2-Methylnaphthalene	<0.052 mg/kg	0.052	0.16	2.0		4/25/2007	5/2/2007	RED	EPA 8310
Acenaphthene	<0.050 mg/kg	0.050	0.16	2.0		4/25/2007	5/2/2007	RED	EPA 8310
Acenaphthylene	<0.065 mg/kg	0.065	0.20	2.0		4/25/2007	5/2/2007	RED	EPA 8310
Anthracene	<0.0063 mg/kg	0.0063	0.019	2.0		4/25/2007	5/2/2007	RED	EPA 8310
Benzo(a)anthracene	<0.0021 mg/kg	0.0021	0.0063	2.0		4/25/2007	5/2/2007	RED	EPA 8310
Benzo(a)pyrene	<0.0063 mg/kg	0.0063	0.017	2.0		4/25/2007	5/2/2007	RED	EPA 8310
Benzo(b)fluoranthene	<0.0042 mg/kg	0.0042	0.013	2.0		4/25/2007	5/2/2007	RED	EPA 8310
Benzo(g,h,i)perylene	<0.013 mg/kg	0.013	0.040	2.0		4/25/2007	5/2/2007	RED	EPA 8310
Benzo(k)fluoranthene	<0.0063 mg/kg	0.0063	0.017	2.0		4/25/2007	5/2/2007	RED	EPA 8310
Chrysene	<0.0063 mg/kg	0.0063	0.017	2.0		4/25/2007	5/2/2007	RED	EPA 8310
Dibenzo(a,h)anthracene	<0.010 mg/kg	0.010	0.031	2.0		4/25/2007	5/2/2007	RED	EPA 8310
Fluoranthene	<0.0042 mg/kg	0.0042	0.0084	2.0		4/25/2007	5/2/2007	RED	EPA 8310
Fuorene	<0.013 mg/kg	0.013	0.038	2.0		4/25/2007	5/2/2007	RED	EPA 8310
Indeno(1,2,3-cd)pyrene	<0.0063 mg/kg	0.0063	0.019	2.0		4/25/2007	5/2/2007	RED	EPA 8310
Naphthalene	<0.044 mg/kg	0.044	0.13	2.0		4/25/2007	5/2/2007	RED	EPA 8310
Phenanthrene	<0.0063 mg/kg	0.0063	0.019	2.0		4/25/2007	5/2/2007	RED	EPA 8310
Pyrene	<0.0063 mg/kg	0.0063	0.019	2.0		4/25/2007	5/2/2007	RED	EPA 8310

Volatile Organic Compounds 8260Comments: Suspected Acetone laboratory background contamination.

Acetone	0.18 mg/kg	0.17 *	0.56	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
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Solid sample results reported on a Dry Weight Basis



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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected Acetone laboratory background contamination.										
Benzene	<0.010 mg/kg		0.010	0.035	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromobenzene	<0.014 mg/kg		0.014	0.044	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromochloromethane	<0.016 mg/kg		0.016	0.053	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromodichloromethane	<0.0073 mg/kg		0.0073	0.023	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromoform	<0.017 mg/kg		0.017	0.056	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromomethane	<0.035 mg/kg		0.035	0.12	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2-Butanone	<0.12 mg/kg		0.12	0.38	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
n-Butylbenzene	<0.014 mg/kg		0.014	0.043	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
sec-Butylbenzene	<0.0084 mg/kg		0.0084	0.027	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
tert-Butylbenzene	<0.0073 mg/kg		0.0073	0.025	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Carbon disulfide	<0.026 mg/kg		0.026	0.089	1.0	Q	4/25/2007	4/29/2007	RLD	EPA 8260B
Carbon tetrachloride	<0.017 mg/kg		0.017	0.058	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chlorobenzene	<0.0063 mg/kg		0.0063	0.022	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Dibromochloromethane	<0.0084 mg/kg		0.0084	0.029	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chloroethane	<0.023 mg/kg		0.023	0.072	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chloroform	<0.015 mg/kg		0.015	0.047	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chloromethane	<0.020 mg/kg		0.020	0.066	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2-Chlorotoluene	<0.0084 mg/kg		0.0084	0.026	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
4-Chlorotoluene	<0.0073 mg/kg		0.0073	0.025	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dibromo-3-chloropropane	<0.022 mg/kg		0.022	0.072	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dibromoethane	<0.010 mg/kg		0.010	0.035	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Dibromomethane	<0.0094 mg/kg		0.0094	0.031	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichlorobenzene	<0.013 mg/kg		0.013	0.043	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,3-Dichlorobenzene	<0.0073 mg/kg		0.0073	0.024	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,4-Dichlorobenzene	<0.0073 mg/kg		0.0073	0.026	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Dichlorodifluoromethane	<0.024 mg/kg		0.024	0.082	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichloroethane	<0.014 mg/kg		0.014	0.046	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichloroethane	<0.013 mg/kg		0.013	0.042	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichloroethene	<0.016 mg/kg		0.016	0.051	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
cis-1,2-Dichloroethene	<0.020 mg/kg		0.020	0.068	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
trans-1,2-Dichloroethene	<0.016 mg/kg		0.016	0.053	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichloropropane	<0.015 mg/kg		0.015	0.048	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,3-Dichloropropane	<0.0094 mg/kg		0.0094	0.034	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2,2-Dichloropropane	<0.023 mg/kg		0.023	0.075	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichloropropene	<0.016 mg/kg		0.016	0.051	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B

WI DNR Lab Certification Number: 15-7066030  
DATCP Certification Number: 105-000289  
LA NELAP Certification Number: 04091





AYRES ASSOCIATES

Contract #: 1452

Project Name: HERRIED

Folder #: 59,904

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CT Lab#:	468167	Sample Description:	GP-4, 0-2	Sampled: 4/20/2007					
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Volatile Organic Compounds 8260Comments: Suspected Acetone laboratory background contamination.										
c,s-1,3-Dichloropropene	<0.010 mg/kg		0.010	0.035	1.0	Q	4/25/2007	4/29/2007	RLD	EPA 8260B
trans-1,3-Dichloropropene	<0.0084 mg/kg		0.0084	0.028	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Diisopropyl ether	<0.014 mg/kg		0.014	0.046	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Ethylbenzene	<0.012 mg/kg		0.012	0.038	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Hexachlorobutadiene	<0.021 mg/kg		0.021	0.069	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2-Hexanone	<0.14 mg/kg		0.14	0.44	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Isopropylbenzene	<0.016 mg/kg		0.016	0.052	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
p-Isopropyltoluene	<0.0073 mg/kg		0.0073	0.023	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Methyl tert-butyl ether	<0.0094 mg/kg		0.0094	0.031	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
4-Methyl-2-pentanone	<0.14 mg/kg		0.14	0.47	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Methylene chloride	<0.050 mg/kg		0.050	0.17	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Naphthalene	<0.015 mg/kg		0.015	0.049	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
n-Propylbenzene	<0.013 mg/kg		0.013	0.043	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Styrene	<0.013 mg/kg		0.013	0.042	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,1,2-Tetrachloroethane	<0.012 mg/kg		0.012	0.037	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,2,2-Tetrachloroethane	<0.0094 mg/kg		0.0094	0.037	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Tetrachloroethylene	<0.014 mg/kg		0.014	0.044	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Tetrahydrofuran	<0.15 mg/kg		0.15	0.48	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Toluene	<0.0084 mg/kg		0.0084	0.029	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,3-Trichlorobenzene	<0.022 mg/kg		0.022	0.069	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,4-Trichlorobenzene	<0.015 mg/kg		0.015	0.050	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,1-Trichloroethane	<0.0094 mg/kg		0.0094	0.032	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,2-Trichloroethane	<0.0094 mg/kg		0.0094	0.031	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Trichloroethylene	<0.0073 mg/kg		0.0073	0.024	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Trichlorofluoromethane	<0.021 mg/kg		0.021	0.071	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,3-Trichloropropane	<0.013 mg/kg		0.013	0.043	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,4-Trimethylbenzene	<0.015 mg/kg		0.015	0.047	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,3,5-Trimethylbenzene	<0.010 mg/kg		0.010	0.037	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Vinyl chloride	<0.018 mg/kg		0.018	0.059	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
m & p-Xylene	<0.015 mg/kg		0.015	0.048	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
o Xylene	<0.0094 mg/kg		0.0094	0.031	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B

CT Lab#:	468168	Sample Description:	GP-5, 2-4	Sampled: 4/20/2007					
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
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WI DNR Lab Certification Number: 15-7066030  
DATCP Certification Number: 105-000289  
LA NELAP Certification Number: 04091





AYRES ASSOCIATES

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Project Name: HERRIED

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CT Lab#: 468168		Sample Description: GP-5, 2-4						Sampled: 4/20/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
<b>Inorganic Results</b>										
Solids, Percent	95.1 %		N/A	N/A	1.0		4/25/2007	CES	EPA 5030A	
<b>Organic Results</b>										
1-Methylnaphthalene	<0.025 mg/kg		0.025	0.078	1.0		4/25/2007	5/2/2007	RED	EPA 8310
2-Methylnaphthalene	<0.026 mg/kg		0.026	0.081	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Acenaphthene	<0.025 mg/kg		0.025	0.080	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Acenaphthylene	<0.033 mg/kg		0.033	0.10	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Anthracene	<0.0032 mg/kg		0.0032	0.0095	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Benzo(a)anthracene	<0.0011 mg/kg		0.0011	0.0032	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Benzo(a)pyrene	<0.0032 mg/kg		0.0032	0.0084	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Benzo(b)fluoranthene	<0.0021 mg/kg		0.0021	0.0063	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Benzo(g,h,i)perylene	<0.0063 mg/kg		0.0063	0.020	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Benzo(k)fluoranthene	<0.0032 mg/kg		0.0032	0.0084	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Chrysene	<0.0032 mg/kg		0.0032	0.0084	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Dibenzo(a,h)anthracene	<0.0053 mg/kg		0.0053	0.016	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Fluoranthene	<0.0021 mg/kg		0.0021	0.0042	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Fluorene	<0.0063 mg/kg		0.0063	0.019	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Indeno(1,2,3-cd)pyrene	<0.0032 mg/kg		0.0032	0.0095	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Naphthalene	<0.022 mg/kg		0.022	0.067	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Phenanthrene	<0.0032 mg/kg		0.0032	0.0095	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Pyrene	<0.0032 mg/kg		0.0032	0.0095	1.0		4/25/2007	5/2/2007	RED	EPA 8310
Acetone	<0.17 mg/kg		0.17	0.56	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Benzene	<0.011 mg/kg		0.011	0.035	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromobenzene	<0.014 mg/kg		0.014	0.044	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromoform	<0.016 mg/kg		0.016	0.054	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromodichloromethane	<0.0074 mg/kg		0.0074	0.023	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromoform	<0.017 mg/kg		0.017	0.056	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromomethane	<0.035 mg/kg		0.035	0.12	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2-Butanone	<0.12 mg/kg		0.12	0.38	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
n-Butylbenzene	<0.014 mg/kg		0.014	0.043	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
s- <i>o</i> -Butylbenzene	<0.0084 mg/kg		0.0084	0.027	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
tert-Butylbenzene	<0.0074 mg/kg		0.0074	0.025	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Carbon disulfide	<0.026 mg/kg		0.026	0.089	1.0	Q	4/25/2007	4/29/2007	RLD	EPA 8260B
Carbon tetrachloride	<0.017 mg/kg		0.017	0.058	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chlorobenzene	<0.0063 mg/kg		0.0063	0.022	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B

WI DNR Lab Certification Number: 15-7066030  
DATCP Certification Number: 105-000289  
LA NELAP Certification Number: 04091





AYRES ASSOCIATES

Contract #: 1452

Project Name: HERRIED

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CT Lab#:	468168	Sample Description: GP-5, 2-4						Sampled: 4/20/2007			
Analyte		Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Dibromochloromethane		<0.0084	mg/kg	0.0084	0.029	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chloroethane		<0.023	mg/kg	0.023	0.073	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chloroform		<0.015	mg/kg	0.015	0.047	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chloromethane		<0.020	mg/kg	0.020	0.066	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2-Chlorotoluene		<0.0084	mg/kg	0.0084	0.026	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
4-Chlorotoluene		<0.0074	mg/kg	0.0074	0.025	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dibromo-3-chloropropane		<0.022	mg/kg	0.022	0.073	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dibromoethane		<0.011	mg/kg	0.011	0.035	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Dibromomethane		<0.0095	mg/kg	0.0095	0.032	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichlorobenzene		<0.013	mg/kg	0.013	0.043	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,3-Dichlorobenzene		<0.0074	mg/kg	0.0074	0.024	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,4-Dichlorobenzene		<0.0074	mg/kg	0.0074	0.026	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Dichlorodifluoromethane		<0.024	mg/kg	0.024	0.082	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichloroethane		<0.014	mg/kg	0.014	0.046	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichloroethane		<0.013	mg/kg	0.013	0.042	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichloroethene		<0.016	mg/kg	0.016	0.052	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
cis-1,2-Dichloroethene		<0.020	mg/kg	0.020	0.068	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
trans-1,2-Dichloroethene		<0.016	mg/kg	0.016	0.054	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichloropropane		<0.015	mg/kg	0.015	0.048	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,3-Dichloropropane		<0.0095	mg/kg	0.0095	0.034	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2,2-Dichloropropane		<0.023	mg/kg	0.023	0.076	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichloropropene		<0.016	mg/kg	0.016	0.052	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
cis-1,3-Dichloropropene		<0.011	mg/kg	0.011	0.035	1.0	Q	4/25/2007	4/29/2007	RLD	EPA 8260B
trans-1,3-Dichloropropene		<0.0084	mg/kg	0.0084	0.028	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Diisopropyl ether		<0.014	mg/kg	0.014	0.046	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Ethylbenzene		<0.012	mg/kg	0.012	0.038	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Hexachlorobutadiene		<0.021	mg/kg	0.021	0.069	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2-Hexanone		<0.14	mg/kg	0.14	0.44	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Isopropylbenzene		<0.016	mg/kg	0.016	0.053	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
p-Isopropyltoluene		<0.0074	mg/kg	0.0074	0.023	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Methyl tert-butyl ether		<0.0095	mg/kg	0.0095	0.032	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
4-Methyl-2-pentanone		<0.14	mg/kg	0.14	0.47	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Methylene chloride		<0.050	mg/kg	0.050	0.17	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Naphthalene		<0.015	mg/kg	0.015	0.049	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
n-Propylbenzene		<0.013	mg/kg	0.013	0.043	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Syrene		<0.013	mg/kg	0.013	0.042	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,1,2-Tetrachloroethane		<0.012	mg/kg	0.012	0.037	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B

WI DNR Lab Certification Number: 15-7066030

DATCP Certification Number: 105-000289

LA NELAP Certification Number: 04091



# Laboratories

AYRES ASSOCIATES

Contract #: 1452

Project Name: HERRIED

Folder #: 59,904

Project #:

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CT Lab#: 468168		Sample Description: GP-5, 2-4		Sampled: 4/20/2007						
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1,1,2,2-Tetrachloroethane	<0.0095 mg/kg		0.0095	0.037	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Tetrachloroethene	<0.014 mg/kg		0.014	0.044	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Tetrahydrofuran	<0.15 mg/kg		0.15	0.48	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Toluene	<0.0084 mg/kg		0.0084	0.029	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,3-Trichlorobenzene	<0.022 mg/kg		0.022	0.069	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,4-Trichlorobenzene	<0.015 mg/kg		0.015	0.050	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,1-Trichloroethane	<0.0095 mg/kg		0.0095	0.033	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,2-Trichloroethane	<0.0095 mg/kg		0.0095	0.032	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Trichloroethylene	<0.0074 mg/kg		0.0074	0.024	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Trichlorofluoromethane	<0.021 mg/kg		0.021	0.072	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,3-Trichloropropane	<0.013 mg/kg		0.013	0.043	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,4-Trimethylbenzene	<0.015 mg/kg		0.015	0.047	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,3,5-Trimethylbenzene	<0.011 mg/kg		0.011	0.037	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Vinyl chloride	<0.018 mg/kg		0.018	0.059	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
n. & o-Xylene	<0.015 mg/kg		0.015	0.048	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
o-Xylene	<0.0095 mg/kg		0.0095	0.032	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B

CT Lab#: 468169		Sample Description: GP-6, 0-2		Sampled: 4/20/2007						
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method

### Inorganic Results

Solids, Percent	96.1 %	N/A	N/A	1.0			4/25/2007	CES	EPA 5030A
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### Metals Results

Arsenic	<0.56 mg/kg	0.56	1.9	1.0			4/25/2007	4/26/2007	NAH	EPA 6010B
Barium	55.9 mg/kg	0.093	0.30	1.0			4/25/2007	4/26/2007	NAH	EPA 6010B
Cadmium	<0.056 mg/kg	0.056	0.18	1.0			4/25/2007	4/26/2007	NAH	EPA 6010B
Chromium	11.2 mg/kg	0.37	1.3	1.0			4/25/2007	4/26/2007	NAH	EPA 6010B
Lead	5.6 mg/kg	0.28	0.92	1.0			4/25/2007	4/26/2007	NAH	EPA 6010B
Selenium	0.68 mg/kg	0.56 *	1.8	1.0			4/25/2007	4/26/2007	NAH	EPA 6010B
Silver	<0.28 mg/kg	0.28	1.0	1.0			4/25/2007	4/26/2007	NAH	EPA 6010B
Mercury	0.0095 mg/kg	0.00069	0.0023	1.0			4/27/2007	4/30/2007	NAH	EPA 7471A

### Organic Results

1-Methylnaphthalene	<0.025 mg/kg	0.025	0.077	1.0			4/25/2007	5/7/2007	RED	EPA 8310
2-Methylnaphthalene	<0.026 mg/kg	0.026	0.080	1.0			4/25/2007	5/7/2007	RED	EPA 8310
Acenaphthene	<0.025 mg/kg	0.025	0.079	1.0			4/25/2007	5/7/2007	RED	EPA 8310

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DATCP Certification Number: 105-000289

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Solid sample results reported on a Dry Weight Basis



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CT Lab#: 468169		Sample Description: GP-6, 0-2						Sampled: 4/20/2007		
Analyst	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Acenaphthylene	<0.032 mg/kg		0.032	0.10	1.0		4/25/2007	5/7/2007	RED	EPA 8310
Anthracene	<0.0031 mg/kg		0.0031	0.0094	1.0		4/25/2007	5/7/2007	RED	EPA 8310
Benzo(a)anthracene	0.0037 mg/kg		0.0010	0.0031	1.0	P	4/25/2007	5/7/2007	RED	EPA 8310
Benzo(a)pyrene	0.0036 mg/kg		0.0031 *	0.0083	1.0		4/25/2007	5/7/2007	RED	EPA 8310
Benzo(b)fluoranthene	<0.0021 mg/kg		0.0021	0.0062	1.0		4/25/2007	5/7/2007	RED	EPA 8310
Benzo(g,h,i)perylene	<0.0062 mg/kg		0.0062	0.020	1.0		4/25/2007	5/7/2007	RED	EPA 8310
Benzo(k)fluoranthene	0.0050 mg/kg		0.0031 *	0.0083	1.0		4/25/2007	5/7/2007	RED	EPA 8310
Chrysene	0.019 mg/kg		0.0031	0.0083	1.0	P	4/25/2007	5/7/2007	RED	EPA 8310
Dibenzo(a,h)anthracene	<0.0052 mg/kg		0.0052	0.016	1.0		4/25/2007	5/7/2007	RED	EPA 8310
Fluoranthene	0.17 mg/kg		0.010	0.021	5.0	P	4/25/2007	5/2/2007	RED	EPA 8310
Fluorene	<0.0062 mg/kg		0.0062	0.019	1.0		4/25/2007	5/7/2007	RED	EPA 8310
Indeno(1,2,3-cd)pyrene	<0.0031 mg/kg		0.0031	0.0094	1.0		4/25/2007	5/7/2007	RED	EPA 8310
Naphthalene	<0.022 mg/kg		0.022	0.067	1.0		4/25/2007	5/7/2007	RED	EPA 8310
Phenanthrene	<0.0031 mg/kg		0.0031	0.0094	1.0		4/25/2007	5/7/2007	RED	EPA 8310
Pyrene	0.62 mg/kg		0.0031	0.0094	1.0		4/25/2007	5/7/2007	RED	EPA 8310
Volatile Organic Compounds 8260Comments: Suspected Acetone laboratory background contamination.										
Acetone	0.35 mg/kg		0.17 *	0.55	1.0	A	4/25/2007	4/29/2007	RLD	EPA 8260B
Benzene	<0.010 mg/kg		0.010	0.034	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromobenzene	<0.014 mg/kg		0.014	0.044	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromoform	<0.016 mg/kg		0.016	0.053	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromochloromethane	<0.0073 mg/kg		0.0073	0.023	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromodichloromethane	<0.0073 mg/kg		0.0073	0.023	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromoform	<0.017 mg/kg		0.017	0.055	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromomethane	<0.034 mg/kg		0.034	0.12	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2-Butanone	<0.11 mg/kg		0.11	0.37	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
n-Butylbenzene	<0.014 mg/kg		0.014	0.043	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
sec-Butylbenzene	<0.0083 mg/kg		0.0083	0.027	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
tert-Butylbenzene	<0.0073 mg/kg		0.0073	0.025	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Carbon disulfide	<0.026 mg/kg		0.026	0.088	1.0	Q	4/25/2007	4/29/2007	RLD	EPA 8260B
Carbon tetrachloride	<0.017 mg/kg		0.017	0.057	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chlorobenzene	<0.0062 mg/kg		0.0062	0.022	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Dibromochloromethane	<0.0083 mg/kg		0.0083	0.029	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chloroethane	<0.023 mg/kg		0.023	0.072	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chloroform	<0.015 mg/kg		0.015	0.047	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chloromethane	<0.020 mg/kg		0.020	0.066	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2-Chlorotoluene	<0.0083 mg/kg		0.0083	0.026	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B

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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected Acetone laboratory background contamination.										
4-Chlorotoluene	<0.0073 mg/kg	0.0073	0.025	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dibromo-3-chloropropane	<0.022 mg/kg	0.022	0.072	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dibromoethane	<0.010 mg/kg	0.010	0.034	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Dibromomethane	<0.0094 mg/kg	0.0094	0.031	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichlorobenzene	<0.012 mg/kg	0.012	0.043	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,3-Dichlorobenzene	<0.0073 mg/kg	0.0073	0.024	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,4-Dichlorobenzene	<0.0073 mg/kg	0.0073	0.026	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Dichlorodifluoromethane	<0.024 mg/kg	0.024	0.081	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichloroethane	<0.014 mg/kg	0.014	0.046	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichloroethane	<0.012 mg/kg	0.012	0.042	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichloroethene	<0.016 mg/kg	0.016	0.051	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
cis-1,2-Dichloroethene	<0.020 mg/kg	0.020	0.068	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
trans-1,2-Dichloroethene	<0.016 mg/kg	0.016	0.053	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichloropropane	<0.015 mg/kg	0.015	0.048	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,3-Dichloropropane	<0.0094 mg/kg	0.0094	0.033	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
2,2-Dichloropropane	<0.023 mg/kg	0.023	0.075	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichloropropene	<0.016 mg/kg	0.016	0.051	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
cis-1,3-Dichloropropene	<0.010 mg/kg	0.010	0.034	1.0	Q		4/25/2007	4/29/2007	RLD	EPA 8260B
trans-1,3-Dichloropropene	<0.0083 mg/kg	0.0083	0.028	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Diisopropyl ether	<0.014 mg/kg	0.014	0.046	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Ethylbenzene	<0.011 mg/kg	0.011	0.037	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Hexachlorobutadiene	<0.021 mg/kg	0.021	0.069	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
2-Hexanone	<0.14 mg/kg	0.14	0.44	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Isopropylbenzene	<0.016 mg/kg	0.016	0.052	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
p-Isopropyltoluene	<0.0073 mg/kg	0.0073	0.023	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Methyl tert-butyl ether	<0.0094 mg/kg	0.0094	0.031	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
4-Methyl-2-pentanone	<0.14 mg/kg	0.14	0.47	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Methylene chloride	<0.050 mg/kg	0.050	0.17	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Naphthalene	<0.015 mg/kg	0.015	0.049	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
n-Propylbenzene	<0.012 mg/kg	0.012	0.043	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Styrene	<0.012 mg/kg	0.012	0.042	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,1,2-Tetrachloroethane	<0.011 mg/kg	0.011	0.036	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,2,2-Tetrachloroethane	<0.0094 mg/kg	0.0094	0.036	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Tetrachloroethene	<0.014 mg/kg	0.014	0.044	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Tetrahydrofuran	<0.15 mg/kg	0.15	0.48	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B

WI DNR Lab Certification Number: 15-7066030  
 DATCP Certification Number: 105-000289  
 LA NELAP Certification Number: 04091





AYRES ASSOCIATES

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Project Name: HERRIED

Folder #: 59,904

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CT Lab#:	468169	Sample Description: GP-6, 0-2					Sampled: 4/20/2007				
Analyte		Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method

Volatile Organic Compounds 8260Comments: Suspected Acetone laboratory background contamination.

Toluene	<0.0083 mg/kg	0.0083	0.029	1.0	4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,3-Trichlorobenzene	<0.022 mg/kg	0.022	0.069	1.0	4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,4-Trichlorobenzene	<0.015 mg/kg	0.015	0.050	1.0	4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,1-Trichloroethane	<0.0094 mg/kg	0.0094	0.032	1.0	4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,2-Trichloroethane	<0.0094 mg/kg	0.0094	0.031	1.0	4/25/2007	4/29/2007	RLD	EPA 8260B
Trichloroethene	<0.0073 mg/kg	0.0073	0.024	1.0	4/25/2007	4/29/2007	RLD	EPA 8260B
Trichlorofluoromethane	<0.021 mg/kg	0.021	0.071	1.0	4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,3-Trichloroproppane	<0.012 mg/kg	0.012	0.043	1.0	4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,4-Trimethylbenzene	<0.015 mg/kg	0.015	0.047	1.0	4/25/2007	4/29/2007	RLD	EPA 8260B
1,3,5-Trimethylbenzene	<0.010 mg/kg	0.010	0.036	1.0	4/25/2007	4/29/2007	RLD	EPA 8260B
Vinyl chloride	<0.018 mg/kg	0.018	0.058	1.0	4/25/2007	4/29/2007	RLD	EPA 8260B
m & p-Xylene	<0.015 mg/kg	0.015	0.048	1.0	4/25/2007	4/29/2007	RLD	EPA 8260B
o-Xylene	<0.0094 mg/kg	0.0094	0.031	1.0	4/25/2007	4/29/2007	RLD	EPA 8260B

CT Lab#:	468170	Sample Description: GP-7, 0-2					Sampled: 4/20/2007				
Analyte		Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method

#### Inorganic Results

Solids, Percent	84.9 %	N/A	N/A	1.0	4/25/2007	CES	EPA 5030A
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#### Metals Results

Arsenic	9.2 mg/kg	0.72	2.4	1.0	4/25/2007	4/26/2007	NAH	EPA 6010B
Barium	89.1 mg/kg	0.12	0.38	1.0	4/25/2007	4/26/2007	NAH	EPA 6010B
Cadmium	<0.072 mg/kg	0.072	0.23	1.0	4/25/2007	4/26/2007	NAH	EPA 6010B
Chromium	22.8 mg/kg	0.48	1.7	1.0	4/25/2007	4/26/2007	NAH	EPA 6010B
Lead	179 mg/kg	0.36	1.2	1.0	4/25/2007	4/26/2007	NAH	EPA 6010B
Selenium	<0.72 mg/kg	0.72	2.3	1.0	4/25/2007	4/26/2007	NAH	EPA 6010B
Silver	<0.36 mg/kg	0.36	1.3	1.0	4/25/2007	4/26/2007	NAH	EPA 6010B
Mercury	0.034 mg/kg	0.00084	0.0027	1.0	4/27/2007	4/30/2007	NAH	EPA 7471A

#### Organic Results

1-Methylnaphthalene	<0.057 mg/kg	0.056	0.17	2.0	4/25/2007	5/2/2007	RED	EPA 8310	
2-Methylnaphthalene	0.16 mg/kg	0.058 *	0.18	2.0	P	4/25/2007	5/2/2007	RED	EPA 8310
Acenaphthene	<0.057 mg/kg	0.056	0.18	2.0		4/25/2007	5/2/2007	RED	EPA 8310
Acenaphthylene	<0.074 mg/kg	0.072	0.22	2.0		4/25/2007	5/2/2007	RED	EPA 8310

WI DNR Lab Certification Number: 15-7066030  
DATCP Certification Number: 105-000289  
LA NELAP Certification Number: 04091





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CT Lab#: 468170		Sample Description: GP-7, 0-2							Sampled: 4/20/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method	
Anthracene	<0.0071 mg/kg		0.0070	0.021	2.0		4/25/2007	5/2/2007	RED	EPA 8310	
Benzo(a)anthracene	0.019 mg/kg		0.0023	0.0070	2.0	P	4/25/2007	5/2/2007	RED	EPA 8310	
Benzo(a)pyrene	0.068 mg/kg		0.0070	0.019	2.0	P	4/25/2007	5/2/2007	RED	EPA 8310	
Benzo(b)fluoranthene	0.10 mg/kg		0.0047	0.014	2.0	P	4/25/2007	5/2/2007	RED	EPA 8310	
Benzo(g,h,i)perylene	0.041 mg/kg		0.014 *	0.044	2.0	P	4/25/2007	5/2/2007	RED	EPA 8310	
Benzo(k)fluoranthene	0.057 mg/kg		0.0070	0.019	2.0	P	4/25/2007	5/2/2007	RED	EPA 8310	
Chrysene	0.14 mg/kg		0.0070	0.019	2.0	P	4/25/2007	5/2/2007	RED	EPA 8310	
Dibenzo(a,h)anthracene	<0.012 mg/kg		0.012	0.035	2.0		4/25/2007	5/2/2007	RED	EPA 8310	
Fluoranthene	1.2 mg/kg		0.047	0.093	20.0	P	4/25/2007	5/3/2007	RED	EPA 8310	
Fluorene	<0.014 mg/kg		0.014	0.042	2.0		4/25/2007	5/2/2007	RED	EPA 8310	
Indeno(1,2,3-cd)pyrene	0.080 mg/kg		0.0070	0.021	2.0		4/25/2007	5/2/2007	RED	EPA 8310	
Naphthalene	<0.050 mg/kg		0.049	0.15	2.0		4/25/2007	5/2/2007	RED	EPA 8310	
Phenanthrene	0.054 mg/kg		0.0070	0.021	2.0		4/25/2007	5/2/2007	RED	EPA 8310	
Pyrene	4.5 mg/kg		0.070	0.21	20.0		4/25/2007	5/3/2007	RED	EPA 8310	
Acetone	<0.19 mg/kg		0.19	0.62	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B	
Benzene	<0.012 mg/kg		0.012	0.039	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B	
Bromobenzene	<0.015 mg/kg		0.015	0.049	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B	
Bromoform	<0.018 mg/kg		0.018	0.060	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B	
Bromochloromethane	<0.0082 mg/kg		0.0082	0.026	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B	
Bromodichloromethane	<0.0082 mg/kg		0.0082	0.026	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B	
Bromoform	<0.019 mg/kg		0.019	0.062	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B	
Bromomethane	<0.039 mg/kg		0.039	0.13	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B	
2-Butanone	<0.13 mg/kg		0.13	0.42	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B	
n-Butylbenzene	<0.015 mg/kg		0.015	0.048	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B	
sec-Butylbenzene	<0.0094 mg/kg		0.0094	0.031	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B	
tert-Butylbenzene	<0.0082 mg/kg		0.0082	0.028	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B	
Carbon disulfide	<0.029 mg/kg		0.029	0.10	1.0	Q	4/25/2007	4/29/2007	RLD	EPA 8260B	
Carbon tetrachloride	<0.019 mg/kg		0.019	0.065	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B	
Chlorobenzene	<0.0071 mg/kg		0.0071	0.025	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B	
Dibromochloromethane	<0.0094 mg/kg		0.0094	0.033	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B	
Chloroethane	<0.026 mg/kg		0.026	0.081	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B	
Chloroform	<0.016 mg/kg		0.016	0.053	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B	
Chloromethane	<0.022 mg/kg		0.022	0.074	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B	
2-Chlorotoluene	<0.0094 mg/kg		0.0094	0.029	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B	
4-Chlorotoluene	<0.0082 mg/kg		0.0082	0.028	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B	
1,2-Dibromo-3-chloropropane	<0.025 mg/kg		0.025	0.081	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B	
1,2-Dibromoethane	<0.012 mg/kg		0.012	0.039	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B	

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Analyst	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Dibromomethane	<0.011 mg/kg		0.011	0.035	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichlorobenzene	<0.014 mg/kg		0.014	0.048	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,3-Dichlorobenzene	<0.0082 mg/kg		0.0082	0.027	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,4-Dichlorobenzene	<0.0082 mg/kg		0.0082	0.029	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Dichlorodifluoromethane	<0.027 mg/kg		0.027	0.092	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichloroethane	<0.015 mg/kg		0.015	0.052	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichloroethane	<0.014 mg/kg		0.014	0.047	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichloroethene	<0.018 mg/kg		0.018	0.058	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
cis-1,2-Dichloroethene	<0.022 mg/kg		0.022	0.077	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
trans-1,2-Dichloroethene	<0.018 mg/kg		0.018	0.060	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichloropropane	<0.016 mg/kg		0.016	0.054	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,3-Dichloropropane	<0.011 mg/kg		0.011	0.038	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2,2-Dichloropropane	<0.026 mg/kg		0.026	0.085	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichloropropene	<0.018 mg/kg		0.018	0.058	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
cis-1,3-Dichloropropene	<0.012 mg/kg		0.012	0.039	1.0	Q	4/25/2007	4/29/2007	RLD	EPA 8260B
trans-1,3-Dichloropropene	<0.0094 mg/kg		0.0094	0.032	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Diisopropyl ether	<0.015 mg/kg		0.015	0.052	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Ethylbenzene	<0.013 mg/kg		0.013	0.042	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Hexachlorobutadiene	<0.024 mg/kg		0.024	0.078	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2-Hexanone	<0.15 mg/kg		0.15	0.49	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Isopropylbenzene	<0.018 mg/kg		0.018	0.059	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
p-Isopropyltoluene	<0.0082 mg/kg		0.0082	0.026	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Methyl tert-butyl ether	<0.011 mg/kg		0.011	0.035	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
4 Methyl-2-pentanone	<0.15 mg/kg		0.15	0.53	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Methylene chloride	<0.057 mg/kg		0.057	0.19	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Naphthalene	0.018 mg/kg		0.016 *	0.055	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
n-Propylbenzene	<0.014 mg/kg		0.014	0.048	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Styrene	<0.014 mg/kg		0.014	0.047	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,1,2-Tetrachloroethane	<0.013 mg/kg		0.013	0.041	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,2,2-Tetrachloroethane	<0.011 mg/kg		0.011	0.041	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Tetrachloroethene	<0.015 mg/kg		0.015	0.049	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Tetrahydrofuran	<0.16 mg/kg		0.16	0.54	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Toluene	0.014 mg/kg		0.0094 *	0.033	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,3-Trichlorobenzene	<0.025 mg/kg		0.025	0.078	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,4-Trichlorobenzene	<0.016 mg/kg		0.016	0.057	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,1-Trichloroethane	<0.011 mg/kg		0.011	0.037	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,2-Trichloroethane	<0.011 mg/kg		0.011	0.035	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B

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LA NELAP Certification Number: 04091





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CT Lab#: 468170	Sample Description: GP-7, 0-2						Sampled: 4/20/2007			
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Trichloroethene	<0.0082 mg/kg		0.0082	0.027	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Trichlorofluoromethane	<0.024 mg/kg		0.024	0.080	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,3-Trichloropropane	<0.014 mg/kg		0.014	0.048	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,4-Trimethylbenzene	<0.016 mg/kg		0.016	0.053	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,3,5-Trimethylbenzene	<0.012 mg/kg		0.012	0.041	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Vinyl chloride	<0.020 mg/kg		0.020	0.066	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
m & p-Xylene	0.018 mg/kg		0.016 *	0.054	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
o-Xylene	0.012 mg/kg		0.011 *	0.035	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B

CT Lab#: 468171	Sample Description: GP-8, 0-2						Sampled: 4/20/2007			
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method

### Inorganic Results

Solids, Percent	88.2 %	N/A	N/A	1.0			4/25/2007	CES	EPA 5030A
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### Metals Results

Arsenic	<0.61 mg/kg	0.61	2.0	1.0			4/25/2007	4/26/2007	NAH	EPA 6010B
Barium	163 mg/kg	0.10	0.33	1.0			4/25/2007	4/26/2007	NAH	EPA 6010B
Cadmium	<0.061 mg/kg	0.061	0.19	1.0			4/25/2007	4/26/2007	NAH	EPA 6010B
Chromium	15.1 mg/kg	0.41	1.4	1.0			4/25/2007	4/26/2007	NAH	EPA 6010B
Lead	119 mg/kg	0.31	1.0	1.0			4/25/2007	4/26/2007	NAH	EPA 6010B
Selenium	<0.61 mg/kg	0.61	1.9	1.0			4/25/2007	4/26/2007	NAH	EPA 6010B
Silver	<0.31 mg/kg	0.31	1.1	1.0			4/25/2007	4/26/2007	NAH	EPA 6010B
Mercury	0.20 mg/kg	0.00076	0.0025	1.0			4/27/2007	4/30/2007	NAH	EPA 7471A

### Organic Results

1-Methylnaphthalene	<0.054 mg/kg	0.054	0.17	2.0			4/25/2007	5/2/2007	RED	EPA 8310
2-Methylnaphthalene	<0.056 mg/kg	0.056	0.17	2.0			4/25/2007	5/2/2007	RED	EPA 8310
Acenaphthene	<0.054 mg/kg	0.054	0.17	2.0			4/25/2007	5/2/2007	RED	EPA 8310
Acenaphthylene	0.12 mg/kg	0.070 *	0.22	2.0			4/25/2007	5/2/2007	RED	EPA 8310
Anthracene	<0.0067 mg/kg	0.0067	0.020	2.0			4/25/2007	5/2/2007	RED	EPA 8310
Benzo(a)anthracene	0.12 mg/kg	0.0022	0.0067	2.0			4/25/2007	5/2/2007	RED	EPA 8310
Benzo(a)pyrene	0.10 mg/kg	0.0067	0.018	2.0			4/25/2007	5/2/2007	RED	EPA 8310
Benzo(b)fluoranthene	0.11 mg/kg	0.0045	0.013	2.0			4/25/2007	5/2/2007	RED	EPA 8310
Benzo(g,h,i)perylene	0.050 mg/kg	0.013	0.043	2.0			4/25/2007	5/2/2007	RED	EPA 8310
Benzo(k)fluoranthene	0.035 mg/kg	0.0067	0.018	2.0			4/25/2007	5/2/2007	RED	EPA 8310
Chrysene	0.23 mg/kg	0.0067	0.018	2.0			4/25/2007	5/2/2007	RED	EPA 8310

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CT Lab#: 468171		Sample Description: GP-8, 0-2							Sampled: 4/20/2007	
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Dibenzo(a,h)anthracene	<0.011 mg/kg		0.011	0.034	2.0		4/25/2007	5/2/2007	RED	EPA 8310
Fluoranthene	0.51 mg/kg		0.011	0.022	5.0	P	4/25/2007	5/3/2007	RED	EPA 8310
Fluorene	<0.013 mg/kg		0.013	0.040	2.0		4/25/2007	5/2/2007	RED	EPA 8310
Indeno(1,2,3-cd)pyrene	0.074 mg/kg		0.0067	0.020	2.0		4/25/2007	5/2/2007	RED	EPA 8310
Naphthalene	<0.047 mg/kg		0.047	0.14	2.0		4/25/2007	5/2/2007	RED	EPA 8310
Phenanthrene	0.12 mg/kg		0.0067	0.020	2.0		4/25/2007	5/2/2007	RED	EPA 8310
Pyrene	0.26 mg/kg		0.0067	0.020	2.0		4/25/2007	5/2/2007	RED	EPA 8310
Acetone	<0.18 mg/kg		0.18	0.59	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Benzene	<0.011 mg/kg		0.011	0.037	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromobenzene	<0.015 mg/kg		0.015	0.047	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromoform	<0.017 mg/kg		0.017	0.057	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromochloromethane	<0.0079 mg/kg		0.0079	0.025	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromodichloromethane	<0.0079 mg/kg		0.0079	0.025	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromoform	<0.018 mg/kg		0.018	0.059	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromomethane	<0.037 mg/kg		0.037	0.12	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2-Butanone	<0.12 mg/kg		0.12	0.40	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
n-Butylbenzene	<0.015 mg/kg		0.015	0.046	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
sec-Butylbenzene	<0.0090 mg/kg		0.0090	0.029	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
tert-Butylbenzene	<0.0079 mg/kg		0.0079	0.027	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Carbon disulfide	<0.028 mg/kg		0.028	0.095	1.0	Q	4/25/2007	4/29/2007	RLD	EPA 8260B
Carbon tetrachloride	<0.018 mg/kg		0.018	0.062	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chlorobenzene	<0.0067 mg/kg		0.0067	0.024	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Dibromochloromethane	<0.0090 mg/kg		0.0090	0.031	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chloroethane	<0.025 mg/kg		0.025	0.077	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chloroform	<0.016 mg/kg		0.016	0.051	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chloromethane	<0.021 mg/kg		0.021	0.071	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2-Chlorotoluene	<0.0090 mg/kg		0.0090	0.028	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
4-Chlorotoluene	<0.0079 mg/kg		0.0079	0.027	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dibromo-3-chloropropane	<0.024 mg/kg		0.024	0.077	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dibromoethane	<0.011 mg/kg		0.011	0.037	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Dibromomethane	<0.010 mg/kg		0.010	0.034	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichlorobenzene	<0.013 mg/kg		0.013	0.046	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,3-Dichlorobenzene	<0.0079 mg/kg		0.0079	0.026	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,4-Dichlorobenzene	<0.0079 mg/kg		0.0079	0.028	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Dichlorodifluoromethane	<0.026 mg/kg		0.026	0.088	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichloroethane	<0.015 mg/kg		0.015	0.049	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichloroethane	<0.013 mg/kg		0.013	0.045	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B

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Analyst	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1,1-Dichloroethene	<0.017 mg/kg		0.017	0.055	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
cis-1,2-Dichloroethene	<0.021 mg/kg		0.021	0.073	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
trans-1,2-Dichloroethene	<0.017 mg/kg		0.017	0.057	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichloropropane	<0.016 mg/kg		0.016	0.052	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,3-Dichloropropane	<0.010 mg/kg		0.010	0.036	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2,2-Dichloropropane	<0.025 mg/kg		0.025	0.081	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichloropropene	<0.017 mg/kg		0.017	0.055	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
cis-1,3-Dichloropropene	<0.011 mg/kg		0.011	0.037	1.0	Q	4/25/2007	4/29/2007	RLD	EPA 8260B
trans-1,3-Dichloropropene	<0.0090 mg/kg		0.0090	0.030	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Diisopropyl ether	<0.015 mg/kg		0.015	0.049	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Ethylbenzene	<0.012 mg/kg		0.012	0.040	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Hexachlorobutadiene	<0.022 mg/kg		0.022	0.074	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2-Hexanone	<0.15 mg/kg		0.15	0.47	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Isopropylbenzene	<0.017 mg/kg		0.017	0.056	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
p-Isopropyltoluene	<0.0079 mg/kg		0.0079	0.025	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Methyl tert-butyl ether	<0.010 mg/kg		0.010	0.034	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
4-Methyl-2-pentanone	<0.15 mg/kg		0.15	0.51	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Methylene chloride	<0.054 mg/kg		0.054	0.18	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Naphthalene	<0.016 mg/kg		0.016	0.053	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
n-Propylbenzene	<0.013 mg/kg		0.013	0.046	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Styrene	<0.013 mg/kg		0.013	0.045	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,1,2-Tetrachloroethane	<0.012 mg/kg		0.012	0.039	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,2,2-Tetrachloroethane	<0.010 mg/kg		0.010	0.039	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Tetrachloroethene	<0.015 mg/kg		0.015	0.047	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Tetrahydrofuran	<0.16 mg/kg		0.16	0.52	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Toluene	0.011 mg/kg		0.0090 *	0.031	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,3-Trichlorobenzene	<0.024 mg/kg		0.024	0.074	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,4-Trichlorobenzene	<0.016 mg/kg		0.016	0.054	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,1-Trichloroethane	<0.010 mg/kg		0.010	0.035	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,2-Trichloroethane	<0.010 mg/kg		0.010	0.034	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Trichloroethene	<0.0079 mg/kg		0.0079	0.026	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Trichlorofluoromethane	<0.022 mg/kg		0.022	0.076	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,3-Trichloropropane	<0.013 mg/kg		0.013	0.046	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,4-Trimethylbenzene	<0.016 mg/kg		0.016	0.051	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,3,5-Trimethylbenzene	<0.011 mg/kg		0.011	0.039	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Vinyl chloride	<0.019 mg/kg		0.019	0.063	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
m & p-Xylene	<0.016 mg/kg		0.016	0.052	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B

WI DNR Lab Certification Number: 15-7066030

DATCP Certification Number: 105-000289

LA NELAP Certification Number: 04091



CT Lab#: 468171	Sample Description: GP-8, 0-2							Sampled: 4/20/2007		
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
o-Xylene	<0.010 mg/kg		0.010	0.034	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B

CT Lab#: 468172	Sample Description: GP-9, 0-2							Sampled: 4/20/2007		
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
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### Inorganic Results

Solids, Percent	86.9 %	N/A	N/A	1.0		4/25/2007	CES	EPA 5030A
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### Metals Results

Arsenic	<0.61 mg/kg	0.61	2.0	1.0		4/25/2007	4/26/2007	NAH	EPA 6010B
Barium	205 mg/kg	0.10	0.32	1.0		4/25/2007	4/26/2007	NAH	EPA 6010B
Cadmium	<0.061 mg/kg	0.061	0.19	1.0		4/25/2007	4/26/2007	NAH	EPA 6010B
Chromium	16.9 mg/kg	0.40	1.4	1.0		4/25/2007	4/26/2007	NAH	EPA 6010B
Lead	596 mg/kg	0.30	1.0	1.0		4/25/2007	4/26/2007	NAH	EPA 6010B
Selenium	0.99 mg/kg	0.61 *	1.9	1.0		4/25/2007	4/26/2007	NAH	EPA 6010B
Silver	<0.30 mg/kg	0.30	1.1	1.0		4/25/2007	4/26/2007	NAH	EPA 6010B
Mercury	0.18 mg/kg	0.00078	0.0025	1.0		4/27/2007	4/30/2007	NAH	EPA 7471A

### Organic Results

1-Methylnaphthalene	<0.14 mg/kg	0.14	0.43	5.0		4/25/2007	5/3/2007	RED	EPA 8310
2-Methylnaphthalene	0.19 mg/kg	0.15 *	0.45	5.0		4/25/2007	5/3/2007	RED	EPA 8310
Acenaphthene	<0.14 mg/kg	0.14	0.44	5.0		4/25/2007	5/3/2007	RED	EPA 8310
Acenaphthylene	<0.18 mg/kg	0.18	0.56	5.0		4/25/2007	5/3/2007	RED	EPA 8310
Anthracene	<0.017 mg/kg	0.017	0.052	5.0		4/25/2007	5/3/2007	RED	EPA 8310
Benzo(a)anthracene	0.070 mg/kg	0.0058	0.017	5.0		4/25/2007	5/3/2007	RED	EPA 8310
Benzo(a)pyrene	0.043 mg/kg	0.017 *	0.046	5.0	P	4/25/2007	5/3/2007	RED	EPA 8310
Benzo(b)fluoranthene	0.077 mg/kg	0.012	0.035	5.0		4/25/2007	5/3/2007	RED	EPA 8310
Benzo(g,h,i)perylene	0.043 mg/kg	0.035 *	0.11	5.0	P	4/25/2007	5/3/2007	RED	EPA 8310
Benzo(k)fluoranthene	0.017 mg/kg	0.017 *	0.046	5.0		4/25/2007	5/3/2007	RED	EPA 8310
Chrysene	0.090 mg/kg	0.017	0.046	5.0		4/25/2007	5/3/2007	RED	EPA 8310
Dibenzo(a,h)anthracene	<0.029 mg/kg	0.029	0.087	5.0		4/25/2007	5/3/2007	RED	EPA 8310
Fluoranthene	0.57 mg/kg	0.012	0.023	5.0	P	4/25/2007	5/3/2007	RED	EPA 8310
Fluorene	<0.035 mg/kg	0.035	0.10	5.0		4/25/2007	5/3/2007	RED	EPA 8310
Indeno(1,2,3-cd)pyrene	0.054 mg/kg	0.017	0.052	5.0		4/25/2007	5/3/2007	RED	EPA 8310
Naphthalene	<0.12 mg/kg	0.12	0.37	5.0		4/25/2007	5/3/2007	RED	EPA 8310
Phenanthrene	0.16 mg/kg	0.017	0.052	5.0		4/25/2007	5/3/2007	RED	EPA 8310
Pyrene	2.4 mg/kg	0.017	0.052	5.0	P	4/25/2007	5/3/2007	RED	EPA 8310

WI DNR Lab Certification Number: 15-7066030

DATCP Certification Number: 105-000289

LA NELAP Certification Number: 04091





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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Volatile Organic Compounds 8260 Comments: Suspected Acetone laboratory background contamination.										
Acetone	0.41 mg/kg		0.18 *	0.61	1.0	A	4/25/2007	4/29/2007	RLD	EPA 8260B
Benzene	<0.012 mg/kg		0.012	0.038	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromobenzene	<0.015 mg/kg		0.015	0.048	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromoform	<0.017 mg/kg		0.017	0.059	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromochloromethane	<0.0081 mg/kg		0.0081	0.025	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromodichloromethane	<0.0081 mg/kg		0.0081	0.025	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Bromomethane	<0.018 mg/kg		0.018	0.061	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2-Butanone	<0.13 mg/kg		0.13	0.41	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
n-Butylbenzene	<0.015 mg/kg		0.015	0.047	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
sec-Butylbenzene	<0.0092 mg/kg		0.0092	0.030	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
tert-Butylbenzene	<0.0081 mg/kg		0.0081	0.028	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Carbon disulfide	<0.029 mg/kg		0.029	0.098	1.0	Q	4/25/2007	4/29/2007	RLD	EPA 8260B
Carbon tetrachloride	<0.018 mg/kg		0.018	0.063	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chlorobenzene	<0.0069 mg/kg		0.0069	0.024	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Dibromochloromethane	<0.0092 mg/kg		0.0092	0.032	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chloroethane	<0.025 mg/kg		0.025	0.079	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chloroform	<0.016 mg/kg		0.016	0.052	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Chloromethane	<0.022 mg/kg		0.022	0.072	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2-Chlorotoluene	<0.0092 mg/kg		0.0092	0.029	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
4-Chlorotoluene	<0.0081 mg/kg		0.0081	0.028	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dibromo-3-chloropropane	<0.024 mg/kg		0.024	0.079	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dibromoethane	<0.012 mg/kg		0.012	0.038	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Dibromomethane	<0.010 mg/kg		0.010	0.035	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichlorobenzene	<0.014 mg/kg		0.014	0.047	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,3-Dichlorobenzene	<0.0081 mg/kg		0.0081	0.026	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,4-Dichlorobenzene	<0.0081 mg/kg		0.0081	0.029	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Dichlorodifluoromethane	<0.026 mg/kg		0.026	0.090	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichloroethane	<0.015 mg/kg		0.015	0.051	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichloroethane	<0.014 mg/kg		0.014	0.046	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichloroethene	<0.017 mg/kg		0.017	0.056	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
cis-1,2-Dichloroethene	<0.022 mg/kg		0.022	0.075	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
trans-1,2-Dichloroethene	<0.017 mg/kg		0.017	0.059	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichloropropane	<0.016 mg/kg		0.016	0.053	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,3-Dichloropropane	<0.010 mg/kg		0.010	0.037	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2,2-Dichloropropane	<0.025 mg/kg		0.025	0.083	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B

WI DNR Lab Certification Number: 15-7066030

DATCP Certification Number: 105-000289

LA NELAP Certification Number: 04091





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CT Lab#:	468172	Sample Description: GP-9, 0-2						Sampled: 4/20/2007			
Analyte		Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Volatile Organic Compounds 8260Comments: Suspected Acetone laboratory background contamination.											
1,1-Dichloropropene		<0.017 mg/kg		0.017	0.056	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
cis-1,3-Dichloropropene		<0.012 mg/kg		0.012	0.038	1.0	Q	4/25/2007	4/29/2007	RLD	EPA 8260B
trans-1,3-Dichloropropene		<0.0092 mg/kg		0.0092	0.031	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Diisopropyl ether		<0.015 mg/kg		0.015	0.051	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Ethylbenzene		<0.013 mg/kg		0.013	0.041	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Hexachlorobutadiene		<0.023 mg/kg		0.023	0.076	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2-Hexanone		<0.15 mg/kg		0.15	0.48	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Isopropylbenzene		<0.017 mg/kg		0.017	0.058	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
p-Isopropyltoluene		<0.0081 mg/kg		0.0081	0.025	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Methyl tert-butyl ether		<0.010 mg/kg		0.010	0.035	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
4-Methyl-2-pentanone		<0.15 mg/kg		0.15	0.52	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Methylene chloride		<0.055 mg/kg		0.055	0.18	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Naphthalene		0.023 mg/kg		0.016 *	0.054	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
n-Propylbenzene		<0.014 mg/kg		0.014	0.047	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Styrene		<0.014 mg/kg		0.014	0.046	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,1,2-Tetrachloroethane		<0.013 mg/kg		0.013	0.040	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,2,2-Tetrachloroethane		<0.010 mg/kg		0.010	0.040	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Tetrachloroethene		<0.015 mg/kg		0.015	0.048	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Tetrahydrofuran		<0.16 mg/kg		0.16	0.53	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Toluene		0.021 mg/kg		0.0092 *	0.032	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,3-Trichlorobenzene		<0.024 mg/kg		0.024	0.076	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,4-Trichlorobenzene		<0.016 mg/kg		0.016	0.055	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,1-Trichloroethane		<0.010 mg/kg		0.010	0.036	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,2-Trichloroethane		<0.010 mg/kg		0.010	0.035	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Trichloroethene		<0.0081 mg/kg		0.0081	0.026	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Trichlorofluoromethane		<0.023 mg/kg		0.023	0.078	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,3-Trichloropropane		<0.014 mg/kg		0.014	0.047	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,4-Trimethylbenzene		<0.016 mg/kg		0.016	0.052	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,3,5-Trimethylbenzene		<0.012 mg/kg		0.012	0.040	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Vinyl chloride		<0.020 mg/kg		0.020	0.064	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
m & p-Xylene		<0.016 mg/kg		0.016	0.053	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
o-Xylene		<0.010 mg/kg		0.010	0.035	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B

WI DNR Lab Certification Number: 15-7066030  
DATCP Certification Number: 105-000289  
LA NELAP Certification Number: 04091





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CT Lab#: 468173	Sample Description: GP-10, 0-2						Sampled: 4/20/2007		
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
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### Inorganic Results

Solids, Percent	92.8 %	N/A	N/A	1.0			4/25/2007	CES	EPA 5030A
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### Metals Results

Arsenic	<0.61 mg/kg	0.61	2.0	1.0	4/25/2007	4/26/2007	NAH	EPA 6010B
Barium	36.8 mg/kg	0.10	0.33	1.0	4/25/2007	4/26/2007	NAH	EPA 6010B
Cadmium	<0.061 mg/kg	0.061	0.19	1.0	4/25/2007	4/26/2007	NAH	EPA 6010B
Chromium	13.5 mg/kg	0.41	1.4	1.0	4/25/2007	4/26/2007	NAH	EPA 6010B
Lead	27.9 mg/kg	0.30	1.0	1.0	4/25/2007	4/26/2007	NAH	EPA 6010B
Selenium	1.0 mg/kg	0.61 *	1.9	1.0	4/25/2007	4/26/2007	NAH	EPA 6010B
Silver	<0.30 mg/kg	0.30	1.1	1.0	4/25/2007	4/26/2007	NAH	EPA 6010B
Mercury	0.015 mg/kg	0.00073	0.0024	1.0	4/27/2007	4/30/2007	NAH	EPA 7471A

### Organic Results

Qualifiers applying to all Analytes of Method EPA 8310: V

1-Methylnaphthalene	<0.052 mg/kg	0.052	0.16	2.0	4/25/2007	5/7/2007	RED	EPA 8310
2-Methylnaphthalene	<0.054 mg/kg	0.054	0.17	2.0	4/25/2007	5/7/2007	RED	EPA 8310
Acenaphthene	<0.052 mg/kg	0.052	0.16	2.0	4/25/2007	5/7/2007	RED	EPA 8310
Acenaphthylene	<0.067 mg/kg	0.067	0.21	2.0	4/25/2007	5/7/2007	RED	EPA 8310
Anthracene	<0.0065 mg/kg	0.0065	0.019	2.0	4/25/2007	5/7/2007	RED	EPA 8310
Benzo(a)anthracene	<0.0022 mg/kg	0.0022	0.0065	2.0	4/25/2007	5/7/2007	RED	EPA 8310
Benzo(a)pyrene	<0.0065 mg/kg	0.0065	0.017	2.0	4/25/2007	5/7/2007	RED	EPA 8310
Benzo(b)fluoranthene	<0.0043 mg/kg	0.0043	0.013	2.0	4/25/2007	5/7/2007	RED	EPA 8310
Benzo(g,h,i)perylene	<0.013 mg/kg	0.013	0.041	2.0	4/25/2007	5/7/2007	RED	EPA 8310
Benzo(k)fluoranthene	<0.0065 mg/kg	0.0065	0.017	2.0	4/25/2007	5/7/2007	RED	EPA 8310
Chrysene	<0.0065 mg/kg	0.0065	0.017	2.0	4/25/2007	5/7/2007	RED	EPA 8310
Dibeno(a,h)anthracene	<0.011 mg/kg	0.011	0.032	2.0	4/25/2007	5/7/2007	RED	EPA 8310
Fluoranthene	<0.0043 mg/kg	0.0043	0.0086	2.0	4/25/2007	5/7/2007	RED	EPA 8310
Fluorene	<0.013 mg/kg	0.013	0.039	2.0	4/25/2007	5/7/2007	RED	EPA 8310
Indeno(1,2,3-cd)pyrene	<0.0065 mg/kg	0.0065	0.019	2.0	4/25/2007	5/7/2007	RED	EPA 8310
Naphthalene	<0.045 mg/kg	0.045	0.14	2.0	4/25/2007	5/7/2007	RED	EPA 8310
Phenanthrene	<0.0065 mg/kg	0.0065	0.019	2.0	4/25/2007	5/7/2007	RED	EPA 8310
Pyrene	0.18 mg/kg	0.0065	0.019	2.0	4/25/2007	5/7/2007	RED	EPA 8310

Volatile Organic Compounds 8260Comments: Suspected Acetone laboratory background contamination.

Acetone	0.36 mg/kg	0.17 *	0.57	1.0	A	4/25/2007	4/29/2007	RLD	EPA 8260B
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WI DNR Lab Certification Number: 15-7066030

DATCP Certification Number: 105-000289

LA NELAP Certification Number: 04091



Solid sample results reported on a Dry Weight Basis



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Analyst	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Volatile Organic Compounds 8260Comments: Suspected Acetone laboratory background contamination.										
Benzene	<0.011 mg/kg	0.011	0.036	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Bromobenzene	<0.014 mg/kg	0.014	0.045	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Bromochloromethane	<0.016 mg/kg	0.016	0.055	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Bromodichloromethane	<0.0075 mg/kg	0.0075	0.024	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Bromoform	<0.017 mg/kg	0.017	0.057	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Bromomethane	<0.036 mg/kg	0.036	0.12	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
2-Butanone	<0.12 mg/kg	0.12	0.39	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
n-Butylbenzene	<0.014 mg/kg	0.014	0.044	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
sec-Butylbenzene	<0.0086 mg/kg	0.0086	0.028	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
tert-Butylbenzene	<0.0075 mg/kg	0.0075	0.026	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Carbon disulfide	<0.027 mg/kg	0.027	0.092	1.0	Q		4/25/2007	4/29/2007	RLD	EPA 8260B
Carbon tetrachloride	<0.017 mg/kg	0.017	0.059	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Chlorobenzene	<0.0065 mg/kg	0.0065	0.023	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Dibromochloromethane	<0.0086 mg/kg	0.0086	0.030	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Chloroethane	<0.024 mg/kg	0.024	0.074	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Chloroform	<0.015 mg/kg	0.015	0.048	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Chloromethane	<0.020 mg/kg	0.020	0.068	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
2-Chlorotoluene	<0.0086 mg/kg	0.0086	0.027	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
4-Chlorotoluene	<0.0075 mg/kg	0.0075	0.026	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dibromo-3-chloropropane	<0.023 mg/kg	0.023	0.074	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dibromoethane	<0.011 mg/kg	0.011	0.036	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Dibromomethane	<0.0097 mg/kg	0.0097	0.032	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichlorobenzene	<0.013 mg/kg	0.013	0.044	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,3-Dichlorobenzene	<0.0075 mg/kg	0.0075	0.025	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,4-Dichlorobenzene	<0.0075 mg/kg	0.0075	0.027	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
Dichlorodifluoromethane	<0.025 mg/kg	0.025	0.084	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichloroethane	<0.014 mg/kg	0.014	0.047	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichloroethane	<0.013 mg/kg	0.013	0.043	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichloroethene	<0.016 mg/kg	0.016	0.053	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
cis-1,2-Dichloroethene	<0.020 mg/kg	0.020	0.070	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
trans-1,2-Dichloroethene	<0.016 mg/kg	0.016	0.055	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,2-Dichloropropane	<0.015 mg/kg	0.015	0.050	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,3-Dichloropropane	<0.0097 mg/kg	0.0097	0.034	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
2,2-Dichloropropane	<0.024 mg/kg	0.024	0.078	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B
1,1-Dichloropropene	<0.016 mg/kg	0.016	0.053	1.0			4/25/2007	4/29/2007	RLD	EPA 8260B

WI DNR Lab Certification Number: 15-7066030  
DATCP Certification Number: 105-000289  
LA NELAP Certification Number: 04091





AYRES ASSOCIATES

Contract #: 1452

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CT Lab#:	468173	Sample Description: GP-10, 0-2						Sampled: 4/20/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method

Volatile Organic Compounds 8260Comments: Suspected Acetone laboratory background contamination.

cis-1,3-Dichloropropene	<0.011 mg/kg		0.011	0.036	1.0	Q	4/25/2007	4/29/2007	RLD	EPA 8260B
trans-1,3-Dichloropropene	<0.0086 mg/kg		0.0086	0.029	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Diisopropyl ether	<0.014 mg/kg		0.014	0.047	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Ethylbenzene	<0.012 mg/kg		0.012	0.039	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Hexachlorobutadiene	<0.022 mg/kg		0.022	0.071	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
2-Hexanone	<0.14 mg/kg		0.14	0.45	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Isopropylbenzene	<0.016 mg/kg		0.016	0.054	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
p-Isopropyltoluene	<0.0075 mg/kg		0.0075	0.024	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Methyl tert-butyl ether	<0.0097 mg/kg		0.0097	0.032	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
4-Methyl-2-pentanone	<0.14 mg/kg		0.14	0.48	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Methylene chloride	<0.052 mg/kg		0.052	0.17	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Naphthalene	0.015 mg/kg		0.015 *	0.051	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
n-Propylbenzene	<0.013 mg/kg		0.013	0.044	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Styrene	<0.013 mg/kg		0.013	0.043	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,1,2-Tetrachloroethane	<0.012 mg/kg		0.012	0.038	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,2,2-Tetrachloroethane	<0.0097 mg/kg		0.0097	0.038	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Tetrachloroethylene	<0.014 mg/kg		0.014	0.045	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Tetrahydrofuran	<0.15 mg/kg		0.15	0.50	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Toluene	0.019 mg/kg		0.0086 *	0.030	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,3-Trichlorobenzene	<0.023 mg/kg		0.023	0.071	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,4-Trichlorobenzene	<0.015 mg/kg		0.015	0.052	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,1-Trichloroethane	<0.0097 mg/kg		0.0097	0.033	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,1,2-Trichloroethane	<0.0097 mg/kg		0.0097	0.032	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Trichloroethylene	<0.0075 mg/kg		0.0075	0.025	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Trichlorofluoromethane	<0.022 mg/kg		0.022	0.073	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,3-Trichloropropane	<0.013 mg/kg		0.013	0.044	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,2,4-Trimethylbenzene	<0.015 mg/kg		0.015	0.048	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
1,3,5-Trimethylbenzene	<0.011 mg/kg		0.011	0.038	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
Vinyl chloride	<0.018 mg/kg		0.018	0.060	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
m & p-Xylene	<0.015 mg/kg		0.015	0.050	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B
o-Xylene	<0.0097 mg/kg		0.0097	0.032	1.0		4/25/2007	4/29/2007	RLD	EPA 8260B

CT Lab#:	468174	Sample Description: MEOH BLANK						Sampled: 4/20/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method

WI DNR Lab Certification Number: 15-7066030  
DATCP Certification Number: 105-000289  
LA NELAP Certification Number: 04091



# Laboratories

AYRES ASSOCIATES  
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CT Lab#: 468174		Sample Description: MEOH BLANK						Sampled: 4/20/2007			
Analyte		Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
<b>Organic Results</b>											
Acetone		<0.16 mg/kg		0.16	0.53	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Benzene		<0.010 mg/kg		0.010	0.033	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Bromobenzene		<0.013 mg/kg		0.013	0.042	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Bromochloromethane		<0.015 mg/kg		0.015	0.051	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Bromodichloromethane		<0.0070 mg/kg		0.0070	0.022	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Bromoform		<0.016 mg/kg		0.016	0.053	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Bromomethane		<0.033 mg/kg		0.033	0.11	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
2-Butanone		<0.11 mg/kg		0.11	0.36	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
n-Butylbenzene		<0.013 mg/kg		0.013	0.041	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
s- <i>c</i> -Butylbenzene		<0.0080 mg/kg		0.0080	0.026	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
tert-Butylbenzene		<0.0070 mg/kg		0.0070	0.024	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Carbon disulfide		<0.025 mg/kg		0.025	0.085	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Carbon tetrachloride		<0.016 mg/kg		0.016	0.055	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Chlorobenzene		<0.0060 mg/kg		0.0060	0.021	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Dibromochloromethane		<0.0080 mg/kg		0.0080	0.028	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Chloroethane		<0.022 mg/kg		0.022	0.069	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Chloroform		<0.014 mg/kg		0.014	0.045	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Chloromethane		<0.019 mg/kg		0.019	0.063	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
2-Chlorotoluene		<0.0080 mg/kg		0.0080	0.025	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
4-Chlorotoluene		<0.0070 mg/kg		0.0070	0.024	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
1,2-Dibromo-3-chloropropane		<0.021 mg/kg		0.021	0.069	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
1,2-Dibromoethane		<0.010 mg/kg		0.010	0.033	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Dibromomethane		<0.0090 mg/kg		0.0090	0.030	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
1,2-Dichlorobenzene		<0.012 mg/kg		0.012	0.041	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
1,3-Dichlorobenzene		<0.0070 mg/kg		0.0070	0.023	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
1,4-Dichlorobenzene		<0.0070 mg/kg		0.0070	0.025	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Dichlorodifluoromethane		<0.023 mg/kg		0.023	0.078	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
1,1-Dichloroethane		<0.013 mg/kg		0.013	0.044	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
1,2-Dichloroethane		<0.012 mg/kg		0.012	0.040	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
1,1-Dichloroethene		<0.015 mg/kg		0.015	0.049	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
cis-1,2-Dichloroethene		<0.019 mg/kg		0.019	0.065	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
trans-1,2-Dichloroethene		<0.015 mg/kg		0.015	0.051	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
1,2-Dichloropropane		<0.014 mg/kg		0.014	0.046	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
1,3-Dichloropropane		<0.0090 mg/kg		0.0090	0.032	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
2,2-Dichloropropane		<0.022 mg/kg		0.022	0.072	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
1,1-Dichloropropene		<0.015 mg/kg		0.015	0.049	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B

WI DNR Lab Certification Number: 15-7066030  
DATCP Certification Number: 105-000289  
LA NELAP Certification Number: 04091





AYRES ASSOCIATES

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CT Lab#:	Sample Description: MEOH BLANK						Sampled: 4/20/2007			
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
cis-1,3-Dichloropropene	<0.010 mg/kg		0.010	0.033	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
trans-1,3-Dichloropropene	<0.0080 mg/kg		0.0080	0.027	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Diisopropyl ether	<0.013 mg/kg		0.013	0.044	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Ethylbenzene	<0.011 mg/kg		0.011	0.036	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Hexachlorobutadiene	<0.020 mg/kg		0.020	0.066	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
2-Hexanone	<0.13 mg/kg		0.13	0.42	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Isopropylbenzene	<0.015 mg/kg		0.015	0.050	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
p-Isopropyltoluene	<0.0070 mg/kg		0.0070	0.022	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Methyl tert-butyl ether	<0.0090 mg/kg		0.0090	0.030	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
4-Methyl-2-pentanone	<0.13 mg/kg		0.13	0.45	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Methylene chloride	<0.048 mg/kg		0.048	0.16	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Naphthalene	<0.014 mg/kg		0.014	0.047	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
n-Propylbenzene	<0.012 mg/kg		0.012	0.041	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Styrene	<0.012 mg/kg		0.012	0.040	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
1,1,1,2-Tetrachloroethane	<0.011 mg/kg		0.011	0.035	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
1,1,2,2-Tetrachloroethane	<0.0090 mg/kg		0.0090	0.035	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Tetrachloroethylene	<0.013 mg/kg		0.013	0.042	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Tetrahydrofuran	<0.14 mg/kg		0.14	0.46	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Toluene	0.014 mg/kg		0.0080 *	0.028	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
1,2,3-Trichlorobenzene	<0.021 mg/kg		0.021	0.066	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
1,2,4-Trichlorobenzene	<0.014 mg/kg		0.014	0.048	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
1,1,1-Trichloroethane	<0.0090 mg/kg		0.0090	0.031	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
1,1,2-Trichloroethane	<0.0090 mg/kg		0.0090	0.030	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Trichloroethene	<0.0070 mg/kg		0.0070	0.023	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Trichlorofluoromethane	<0.020 mg/kg		0.020	0.068	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
1,2,3-Trichloropropane	<0.012 mg/kg		0.012	0.041	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
1,2,4-Trimethylbenzene	<0.014 mg/kg		0.014	0.045	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
1,3,5-Trimethylbenzene	<0.010 mg/kg		0.010	0.035	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
Vinyl chloride	<0.017 mg/kg		0.017	0.056	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
m & p-Xylene	0.014 mg/kg		0.014 *	0.046	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B
o-Xylene	<0.0090 mg/kg		0.0090	0.030	1.0		5/2/2007	5/4/2007	RLD	EPA 8260B

CT Lab#:	Sample Description: GP-2						Sampled: 4/20/2007			
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Metals Results										

WI DNR Lab Certification Number: 15-7066030  
DATCP Certification Number: 105-000289  
LA NELAP Certification Number: 04091



Solid sample results reported on a Dry Weight Basis



AYRES ASSOCIATES

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Project Name: HERRIED

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CT Lab#: 468175		Sample Description: GP-2						Sampled: 4/20/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Total Arsenic	<0.80 ug/L		0.80	2.60	1.0		4/26/2007	5/1/2007	GCE	EPA 7060A
Total Barium	81.7 ug/L		0.20	0.68	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B
Total Cadmium	<0.40 ug/L		0.40	1.2	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B
Total Chromium	<0.70 ug/L		0.70	2.4	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B
Total Lead	3.0 ug/L		1.3 *	4.4	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B
Total Selenium	7.2 ug/L		4.0 *	13	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B
Total Silver	<0.80 ug/L		0.80	2.7	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B
Total Mercury	<0.080 ug/L		0.080	0.28	1.0		4/27/2007	4/30/2007	NAH	EPA 7470A
<b>Organic Results</b>										
1-Methylnaphthalene	<0.22 ug/L		0.22	0.69	1.0		4/25/2007	5/1/2007	RED	EPA 8310
2-Methylnaphthalene	<0.23 ug/L		0.23	0.73	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Acenaphthene	<0.26 ug/L		0.26	0.83	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Acenaphthylene	<0.23 ug/L		0.23	0.71	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Anthracene	<0.042 ug/L		0.042	0.11	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Benzo(a)anthracene	<0.010 ug/L		0.010	0.031	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Benzo(a)pyrene	<0.021 ug/L		0.021	0.052	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Benzo(b)fluoranthene	<0.031 ug/L		0.031	0.073	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Benzo(g,h,i)perylene	<0.042 ug/L		0.042	0.10	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Benzo(k)fluoranthene	<0.031 ug/L		0.031	0.073	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Chrysene	0.093 ug/L		0.052 *	0.15	1.0	P	4/25/2007	5/1/2007	RED	EPA 8310
Dibenzo(a,h)anthracene	<0.031 ug/L		0.031	0.083	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Fluoranthene	<0.010 ug/L		0.010	0.031	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Fluorene	<0.11 ug/L		0.11	0.36	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Indeno(1,2,3-cd)pyrene	<0.031 ug/L		0.031	0.073	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Naphthalene	<0.28 ug/L		0.28	0.89	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Phenanthrene	<0.052 ug/L		0.052	0.17	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Pyrene	<0.063 ug/L		0.063	0.20	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Acetone	<10 ug/L		10	33	1.0			4/30/2007	APG	EPA 8260B
Benzene	<0.40 ug/L		0.40	1.3	1.0			4/30/2007	APG	EPA 8260B
Bromobenzene	<0.60 ug/L		0.60	2.1	1.0			4/30/2007	APG	EPA 8260B
Bromoform	<0.70 ug/L		0.70	2.4	1.0			4/30/2007	APG	EPA 8260B
Bromochloromethane	<0.15 ug/L		0.15	0.51	1.0			4/30/2007	APG	EPA 8260B
Bromodichloromethane	<0.21 ug/L		0.21	0.71	1.0			4/30/2007	APG	EPA 8260B
Bromomethane	<0.90 ug/L		0.90	2.9	1.0			4/30/2007	APG	EPA 8260B
2-Butanone	<5.0 ug/L		5.0	18	1.0			4/30/2007	APG	EPA 8260B
n-Butylbenzene	<0.40 ug/L		0.40	1.3	1.0			4/30/2007	APG	EPA 8260B

WI DNR Lab Certification Number: 15-7066030

DATCP Certification Number: 105-000289

LA NELAP Certification Number: 04091





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CT Lab#: 468175		Sample Description: GP-2						Sampled: 4/20/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
sec-Butylbenzene	<0.50 ug/L		0.50	1.6	1.0			4/30/2007	APG	EPA 8260B
tert-Butylbenzene	<0.50 ug/L		0.50	1.7	1.0			4/30/2007	APG	EPA 8260B
Carbon disulfide	<1.0 ug/L		1.0	3.3	1.0			4/30/2007	APG	EPA 8260B
Carbon tetrachloride	<0.50 ug/L		0.50	1.8	1.0			4/30/2007	APG	EPA 8260B
Chlorobenzene	<0.40 ug/L		0.40	1.5	1.0			4/30/2007	APG	EPA 8260B
Dibromochloromethane	<0.60 ug/L		0.60	1.8	1.0			4/30/2007	APG	EPA 8260B
Chloroethane	<0.60 ug/L		0.60	2.0	1.0			4/30/2007	APG	EPA 8260B
Chloroform	<0.50 ug/L		0.50	1.7	1.0			4/30/2007	APG	EPA 8260B
Chloromethane	<0.30 ug/L		0.30	1.1	1.0			4/30/2007	APG	EPA 8260B
2-Chlorotoluene	<0.50 ug/L		0.50	1.7	1.0			4/30/2007	APG	EPA 8260B
4-Chlorotoluene	<0.60 ug/L		0.60	2.0	1.0			4/30/2007	APG	EPA 8260B
1,2-Dibromo-3-chloropropane	<0.30 ug/L		0.30	1.2	1.0			4/30/2007	APG	EPA 8260B
1,2-Dibromoethane	<0.50 ug/L		0.50	1.7	1.0			4/30/2007	APG	EPA 8260B
Dibromomethane	<0.80 ug/L		0.80	2.7	1.0			4/30/2007	APG	EPA 8260B
1,2-Dichlorobenzene	<0.50 ug/L		0.50	1.7	1.0			4/30/2007	APG	EPA 8260B
1,3-Dichlorobenzene	<0.40 ug/L		0.40	1.5	1.0			4/30/2007	APG	EPA 8260B
1,4-Dichlorobenzene	<0.60 ug/L		0.60	2.0	1.0			4/30/2007	APG	EPA 8260B
Dichlorodifluoromethane	<0.29 ug/L		0.29	0.97	1.0			4/30/2007	APG	EPA 8260B
1,1-Dichloroethane	<0.40 ug/L		0.40	1.4	1.0			4/30/2007	APG	EPA 8260B
1,2-Dichloroethane	<0.50 ug/L		0.50	1.5	1.0			4/30/2007	APG	EPA 8260B
1,1-Dichloroethene	<0.30 ug/L		0.30	1.2	1.0			4/30/2007	APG	EPA 8260B
cis-1,2-Dichloroethene	<0.40 ug/L		0.40	1.4	1.0			4/30/2007	APG	EPA 8260B
trans-1,2-Dichloroethene	<0.40 ug/L		0.40	1.5	1.0			4/30/2007	APG	EPA 8260B
1,2-Dichloropropane	<0.50 ug/L		0.50	1.7	1.0			4/30/2007	APG	EPA 8260B
1,3-Dichloropropane	<0.50 ug/L		0.50	1.8	1.0			4/30/2007	APG	EPA 8260B
2,2-Dichloropropane	<0.60 ug/L		0.60	1.9	1.0			4/30/2007	APG	EPA 8260B
1,1-Dichloropropene	<0.60 ug/L		0.60	1.9	1.0			4/30/2007	APG	EPA 8260B
cis-1,3-Dichloropropene	<0.15 ug/L		0.15	0.50	1.0			4/30/2007	APG	EPA 8260B
trans-1,3-Dichloropropene	<0.14 ug/L		0.14	0.50	1.0			4/30/2007	APG	EPA 8260B
Diisopropyl ether	<0.40 ug/L		0.40	1.4	1.0			4/30/2007	APG	EPA 8260B
Ethylbenzene	<0.50 ug/L		0.50	1.7	1.0			4/30/2007	APG	EPA 8260B
Hexachlorobutadiene	<0.90 ug/L		0.90	2.9	1.0			4/30/2007	APG	EPA 8260B
2-Hexanone	<8.0 ug/L		8.0	26	1.0			4/30/2007	APG	EPA 8260B
Isopropylbenzene	<0.60 ug/L		0.60	2.2	1.0			4/30/2007	APG	EPA 8260B
p-Isopropyltoluene	<0.40 ug/L		0.40	1.5	1.0			4/30/2007	APG	EPA 8260B
Methyl tert-butyl ether	<0.40 ug/L		0.40	1.4	1.0			4/30/2007	APG	EPA 8260B
4-Methyl-2-pentanone	<6.0 ug/L		6.0	20	1.0			4/30/2007	APG	EPA 8260B

WI DNR Lab Certification Number: 15-7066030

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CT Lab#: 468175		Sample Description: GP-2							Sampled: 4/20/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method	
Methylene chloride	<1.0 ug/L		1.0	3.2	1.0			4/30/2007	APG	EPA 8260B	
Naphthalene	<0.70 ug/L		0.70	2.3	1.0			4/30/2007	APG	EPA 8260B	
n-Propylbenzene	<0.40 ug/L		0.40	1.4	1.0			4/30/2007	APG	EPA 8260B	
Styrene	<0.50 ug/L		0.50	1.6	1.0	M		4/30/2007	APG	EPA 8260B	
1,1,1,2-Tetrachloroethane	<0.70 ug/L		0.70	2.4	1.0			4/30/2007	APG	EPA 8260B	
1,1,2,2-Tetrachloroethane	<0.13 ug/L		0.13	0.43	1.0			4/30/2007	APG	EPA 8260B	
Tetrachloroethene	<0.29 ug/L		0.29	0.98	1.0			4/30/2007	APG	EPA 8260B	
Tetrahydrofuran	<7.0 ug/L		7.0	23	1.0			4/30/2007	APG	EPA 8260B	
Toluene	<0.40 ug/L		0.40	1.4	1.0			4/30/2007	APG	EPA 8260B	
1,2,3-Trichlorobenzene	<0.50 ug/L		0.50	1.7	1.0			4/30/2007	APG	EPA 8260B	
1,2,4-Trichlorobenzene	<0.70 ug/L		0.70	2.3	1.0			4/30/2007	APG	EPA 8260B	
1,1,1-Trichloroethane	<0.50 ug/L		0.50	1.6	1.0			4/30/2007	APG	EPA 8260B	
1,1,2-Trichloroethane	<0.50 ug/L		0.50	1.8	1.0			4/30/2007	APG	EPA 8260B	
Trichloroethene	<0.15 ug/L		0.15	0.50	1.0			4/30/2007	APG	EPA 8260B	
Trichlorofluoromethane	<0.70 ug/L		0.70	2.5	1.0			4/30/2007	APG	EPA 8260B	
1,2,3-Trichloropropane	<0.70 ug/L		0.70	2.2	1.0			4/30/2007	APG	EPA 8260B	
1,2,4-Trimethylbenzene	<0.50 ug/L		0.50	1.6	1.0	M		4/30/2007	APG	EPA 8260B	
1,3,5-Trimethylbenzene	<0.40 ug/L		0.40	1.4	1.0	M		4/30/2007	APG	EPA 8260B	
Vinyl chloride	<0.15 ug/L		0.15	0.51	1.0			4/30/2007	APG	EPA 8260B	
m & p-Xylene	<0.90 ug/L		0.90	3.0	1.0			4/30/2007	APG	EPA 8260B	
o-Xylene	<0.60 ug/L		0.60	1.9	1.0	M		4/30/2007	APG	EPA 8260B	

CT Lab#: 468176		Sample Description: GP-3							Sampled: 4/20/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method	
<b>Metals Results</b>											
Total Arsenic	<0.80 ug/L		0.80	2.60	1.0		4/26/2007	5/1/2007	GCE	EPA 7060A	
Total Barium	80.9 ug/L		0.20	0.68	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B	
Total Cadmium	<0.40 ug/L		0.40	1.2	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B	
Total Chromium	0.76 ug/L		0.70 *	2.4	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B	
Total Lead	1.6 ug/L		1.3 *	4.4	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B	
Total Selenium	10.8 ug/L		4.0 *	13	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B	
Total Silver	<0.80 ug/L		0.80	2.7	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B	
Total Mercury	<0.080 ug/L		0.080	0.28	1.0		4/27/2007	4/30/2007	NAH	EPA 7470A	

### Organic Results

WI DNR Lab Certification Number: 15-7066030  
DATCP Certification Number: 105-000289  
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Analyst	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1-Methylnaphthalene	<0.21 ug/L		0.21	0.67	1.0		4/25/2007	5/1/2007	RED	EPA 8310
2-Methylnaphthalene	<0.22 ug/L		0.22	0.71	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Acenaphthene	<0.26 ug/L		0.26	0.82	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Acenaphthylene	<0.22 ug/L		0.22	0.69	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Anthracene	<0.041 ug/L		0.041	0.11	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Benzo(a)anthracene	<0.010 ug/L		0.010	0.031	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Benzo(a)pyrene	<0.020 ug/L		0.020	0.051	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Benzo(b)fluoranthene	<0.031 ug/L		0.031	0.071	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Benzo(g,h,i)perylene	<0.041 ug/L		0.041	0.10	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Benzo(k)fluoranthene	<0.031 ug/L		0.031	0.071	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Chrysene	<0.051 ug/L		0.051	0.14	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Dibenzo(a,h)anthracene	<0.031 ug/L		0.031	0.082	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Fluoranthene	0.020 ug/L		0.010 *	0.031	1.0	P	4/25/2007	5/1/2007	RED	EPA 8310
Fluorene	<0.11 ug/L		0.11	0.36	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Indeno(1,2,3-cd)pyrene	<0.031 ug/L		0.031	0.071	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Naphthalene	<0.28 ug/L		0.28	0.87	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Phenanthrene	<0.051 ug/L		0.051	0.16	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Pyrene	<0.061 ug/L		0.061	0.19	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Acetone	<10 ug/L		10	33	1.0			5/1/2007	APG	EPA 8260B
Benzene	<0.40 ug/L		0.40	1.3	1.0			5/1/2007	APG	EPA 8260B
Bromobenzene	<0.60 ug/L		0.60	2.1	1.0			5/1/2007	APG	EPA 8260B
Bromochloromethane	<0.70 ug/L		0.70	2.4	1.0			5/1/2007	APG	EPA 8260B
Bromodichloromethane	<0.15 ug/L		0.15	0.51	1.0			5/1/2007	APG	EPA 8260B
Bromoform	<0.21 ug/L		0.21	0.71	1.0			5/1/2007	APG	EPA 8260B
Bromomethane	<0.90 ug/L		0.90	2.9	1.0			5/1/2007	APG	EPA 8260B
2-Butanone	<5.0 ug/L		5.0	18	1.0			5/1/2007	APG	EPA 8260B
n-Butylbenzene	<0.40 ug/L		0.40	1.3	1.0			5/1/2007	APG	EPA 8260B
sec-Butylbenzene	<0.50 ug/L		0.50	1.6	1.0			5/1/2007	APG	EPA 8260B
tert-Butylbenzene	<0.50 ug/L		0.50	1.7	1.0			5/1/2007	APG	EPA 8260B
Carbon disulfide	<1.0 ug/L		1.0	3.3	1.0			5/1/2007	APG	EPA 8260B
Carbon tetrachloride	<0.50 ug/L		0.50	1.8	1.0			5/1/2007	APG	EPA 8260B
Chlorobenzene	<0.40 ug/L		0.40	1.5	1.0			5/1/2007	APG	EPA 8260B
Dibromochloromethane	<0.60 ug/L		0.60	1.8	1.0			5/1/2007	APG	EPA 8260B
Chloroethane	<0.60 ug/L		0.60	2.0	1.0			5/1/2007	APG	EPA 8260B
Chloroform	<0.50 ug/L		0.50	1.7	1.0			5/1/2007	APG	EPA 8260B
Chloromethane	<0.30 ug/L		0.30	1.1	1.0			5/1/2007	APG	EPA 8260B

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CT Lab#: 468176		Sample Description: GP-3						Sampled: 4/20/2007			
Analyte		Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
2-Chlorotoluene		<0.50	ug/L	0.50	1.7	1.0		5/1/2007	APG	EPA 8260B	
4-Chlorotoluene		<0.60	ug/L	0.60	2.0	1.0		5/1/2007	APG	EPA 8260B	
1,2-Dibromo-3-chloropropane		<0.30	ug/L	0.30	1.2	1.0		5/1/2007	APG	EPA 8260B	
1,2-Dibromoethane		<0.50	ug/L	0.50	1.7	1.0		5/1/2007	APG	EPA 8260B	
Dibromomethane		<0.80	ug/L	0.80	2.7	1.0		5/1/2007	APG	EPA 8260B	
1,2-Dichlorobenzene		<0.50	ug/L	0.50	1.7	1.0		5/1/2007	APG	EPA 8260B	
1,3-Dichlorobenzene		<0.40	ug/L	0.40	1.5	1.0		5/1/2007	APG	EPA 8260B	
1,4-Dichlorobenzene		<0.60	ug/L	0.60	2.0	1.0		5/1/2007	APG	EPA 8260B	
Dichlorodifluoromethane		<0.29	ug/L	0.29	0.97	1.0		5/1/2007	APG	EPA 8260B	
1,1-Dichloroethane		<0.40	ug/L	0.40	1.4	1.0		5/1/2007	APG	EPA 8260B	
1,2-Dichloroethane		<0.50	ug/L	0.50	1.5	1.0		5/1/2007	APG	EPA 8260B	
1,1-Dichloroethene		<0.30	ug/L	0.30	1.2	1.0		5/1/2007	APG	EPA 8260B	
cis-1,2-Dichloroethene		<0.40	ug/L	0.40	1.4	1.0		5/1/2007	APG	EPA 8260B	
trans-1,2-Dichloroethene		<0.40	ug/L	0.40	1.5	1.0		5/1/2007	APG	EPA 8260B	
1,2-Dichloropropane		<0.50	ug/L	0.50	1.7	1.0		5/1/2007	APG	EPA 8260B	
1,3-Dichloropropane		<0.50	ug/L	0.50	1.8	1.0		5/1/2007	APG	EPA 8260B	
2,2-Dichloropropane		<0.60	ug/L	0.60	1.9	1.0		5/1/2007	APG	EPA 8260B	
1,1-Dichloropropene		<0.60	ug/L	0.60	1.9	1.0		5/1/2007	APG	EPA 8260B	
cis-1,3-Dichloropropene		<0.15	ug/L	0.15	0.50	1.0		5/1/2007	APG	EPA 8260B	
trans-1,3-Dichloropropene		<0.14	ug/L	0.14	0.50	1.0		5/1/2007	APG	EPA 8260B	
Diisopropyl ether		<0.40	ug/L	0.40	1.4	1.0		5/1/2007	APG	EPA 8260B	
Ethylbenzene		<0.50	ug/L	0.50	1.7	1.0		5/1/2007	APG	EPA 8260B	
Hexachlorobutadiene		<0.90	ug/L	0.90	2.9	1.0		5/1/2007	APG	EPA 8260B	
2-Hexanone		<8.0	ug/L	8.0	26	1.0		5/1/2007	APG	EPA 8260B	
Isopropylbenzene		<0.60	ug/L	0.60	2.2	1.0		5/1/2007	APG	EPA 8260B	
p-Isopropyltoluene		<0.40	ug/L	0.40	1.5	1.0		5/1/2007	APG	EPA 8260B	
Methyl tert-butyl ether		<0.40	ug/L	0.40	1.4	1.0		5/1/2007	APG	EPA 8260B	
4-Methyl-2-pentanone		<6.0	ug/L	6.0	20	1.0		5/1/2007	APG	EPA 8260B	
Methylene chloride		<1.0	ug/L	1.0	3.2	1.0		5/1/2007	APG	EPA 8260B	
Naphthalene		<0.70	ug/L	0.70	2.3	1.0		5/1/2007	APG	EPA 8260B	
n-Propylbenzene		<0.40	ug/L	0.40	1.4	1.0		5/1/2007	APG	EPA 8260B	
Slyrene		<0.50	ug/L	0.50	1.6	1.0		5/1/2007	APG	EPA 8260B	
1,1,1,2-Tetrachloroethane		<0.70	ug/L	0.70	2.4	1.0		5/1/2007	APG	EPA 8260B	
1,1,2,2-Tetrachloroethane		<0.13	ug/L	0.13	0.43	1.0		5/1/2007	APG	EPA 8260B	
Tetrachloroethene		<0.29	ug/L	0.29	0.98	1.0		5/1/2007	APG	EPA 8260B	
Tetrahydrofuran		<7.0	ug/L	7.0	23	1.0		5/1/2007	APG	EPA 8260B	
Toluene		<0.40	ug/L	0.40	1.4	1.0		5/1/2007	APG	EPA 8260B	

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CT Lab#: 468176	Sample Description: GP-3							Sampled: 4/20/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1,2,3-Trichlorobenzene	<0.50 ug/L		0.50	1.7	1.0			5/1/2007	APG	EPA 8260B
1,2,4-Trichlorobenzene	<0.70 ug/L		0.70	2.3	1.0			5/1/2007	APG	EPA 8260B
1,1,1-Trichloroethane	<0.50 ug/L		0.50	1.6	1.0			5/1/2007	APG	EPA 8260B
1,1,2-Trichloroethane	<0.50 ug/L		0.50	1.8	1.0			5/1/2007	APG	EPA 8260B
Trichloroethene	<0.15 ug/L		0.15	0.50	1.0			5/1/2007	APG	EPA 8260B
Trichlorofluoromethane	<0.70 ug/L		0.70	2.5	1.0			5/1/2007	APG	EPA 8260B
1,2,3-Trichloropropane	<0.70 ug/L		0.70	2.2	1.0			5/1/2007	APG	EPA 8260B
1,2,4-Trimethylbenzene	<0.50 ug/L		0.50	1.6	1.0			5/1/2007	APG	EPA 8260B
1,3,5-Trimethylbenzene	<0.40 ug/L		0.40	1.4	1.0			5/1/2007	APG	EPA 8260B
Vinyl chloride	<0.15 ug/L		0.15	0.51	1.0			5/1/2007	APG	EPA 8260B
m & p-Xylene	<0.90 ug/L		0.90	3.0	1.0			5/1/2007	APG	EPA 8260B
o-Xylene	<0.60 ug/L		0.60	1.9	1.0			5/1/2007	APG	EPA 8260B

CT Lab#: 468177	Sample Description: GP-5							Sampled: 4/20/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
<b>Metals Results</b>										
Total Arsenic	<0.80 ug/L		0.80	2.60	1.0		4/26/2007	5/1/2007	GCE	EPA 7060A
Total Barium	69.1 ug/L		0.20	0.68	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B
Total Cadmium	<0.40 ug/L		0.40	1.2	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B
Total Chromium	0.87 ug/L		0.70 *	2.4	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B
Total Lead	1.7 ug/L		1.3 *	4.4	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B
Total Selenium	6.3 ug/L		4.0 *	13	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B
Total Silver	<0.80 ug/L		0.80	2.7	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B
Total Mercury	<0.080 ug/L		0.080	0.28	1.0		4/27/2007	4/30/2007	NAH	EPA 7470A
<b>Organic Results</b>										
1-Methylnaphthalene	<0.23 ug/L		0.23	0.72	1.0		4/25/2007	5/1/2007	RED	EPA 8310
2-Methylnaphthalene	<0.24 ug/L		0.24	0.76	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Acenaphthene	<0.27 ug/L		0.27	0.87	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Acenaphthylene	<0.24 ug/L		0.24	0.74	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Anthracene	<0.043 ug/L		0.043	0.12	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Benzo(a)anthracene	<0.011 ug/L		0.011	0.033	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Benzo(a)pyrene	<0.022 ug/L		0.022	0.054	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Benzo(b)fluoranthene	<0.033 ug/L		0.033	0.076	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Benzo(g,h,i)perylene	<0.043 ug/L		0.043	0.11	1.0		4/25/2007	5/1/2007	RED	EPA 8310

WI DNR Lab Certification Number: 15-7066030

DATCP Certification Number: 105-000289

LA NELAP Certification Number: 04091





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CT Lab#:	468177	Sample Description: GP-5						Sampled: 4/20/2007			
Analyte		Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Benzo(k)fluoranthene		<0.033	ug/L	0.033	0.076	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Chrysene		<0.054	ug/L	0.054	0.15	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Dibenzo(a,h)anthracene		<0.033	ug/L	0.033	0.087	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Fluoranthene		<0.011	ug/L	0.011	0.033	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Fluorene		<0.12	ug/L	0.12	0.38	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Indeno(1,2,3-cd)pyrene		<0.033	ug/L	0.033	0.076	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Naphthalene		<0.29	ug/L	0.29	0.92	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Phenanthrene		<0.054	ug/L	0.054	0.17	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Pyrene		<0.065	ug/L	0.065	0.21	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Acetone		<10	ug/L	10	33	1.0			4/27/2007	APG	EPA 8260B
Benzene		<0.40	ug/L	0.40	1.3	1.0			4/27/2007	APG	EPA 8260B
Bromobenzene		<0.60	ug/L	0.60	2.1	1.0			4/27/2007	APG	EPA 8260B
Bromochloromethane		<0.70	ug/L	0.70	2.4	1.0			4/27/2007	APG	EPA 8260B
Bromodichloromethane		<0.15	ug/L	0.15	0.51	1.0			4/27/2007	APG	EPA 8260B
Bromoform		<0.21	ug/L	0.21	0.71	1.0			4/27/2007	APG	EPA 8260B
Bromomethane		<0.90	ug/L	0.90	2.9	1.0			4/27/2007	APG	EPA 8260B
2-Butanone		<5.0	ug/L	5.0	18	1.0			4/27/2007	APG	EPA 8260B
n-Butylbenzene		<0.40	ug/L	0.40	1.3	1.0			4/27/2007	APG	EPA 8260B
sec-Butylbenzene		<0.50	ug/L	0.50	1.6	1.0			4/27/2007	APG	EPA 8260B
tert-Butylbenzene		<0.50	ug/L	0.50	1.7	1.0			4/27/2007	APG	EPA 8260B
Carbon disulfide		<1.0	ug/L	1.0	3.3	1.0			4/27/2007	APG	EPA 8260B
Carbon tetrachloride		<0.50	ug/L	0.50	1.8	1.0			4/27/2007	APG	EPA 8260B
Chlorobenzene		<0.40	ug/L	0.40	1.5	1.0			4/27/2007	APG	EPA 8260B
Dibromochloromethane		<0.60	ug/L	0.60	1.8	1.0			4/27/2007	APG	EPA 8260B
Chloroethane		<0.60	ug/L	0.60	2.0	1.0			4/27/2007	APG	EPA 8260B
Chloroform		<0.50	ug/L	0.50	1.7	1.0			4/27/2007	APG	EPA 8260B
Chloromethane		<0.30	ug/L	0.30	1.1	1.0			4/27/2007	APG	EPA 8260B
2-Chlorotoluene		<0.50	ug/L	0.50	1.7	1.0			4/27/2007	APG	EPA 8260B
4-Chlorotoluene		<0.60	ug/L	0.60	2.0	1.0			4/27/2007	APG	EPA 8260B
1,2-Dibromo-3-chloropropane		<0.30	ug/L	0.30	1.2	1.0			4/27/2007	APG	EPA 8260B
1,2-Dibromoethane		<0.50	ug/L	0.50	1.7	1.0			4/27/2007	APG	EPA 8260B
Dibromomethane		<0.80	ug/L	0.80	2.7	1.0			4/27/2007	APG	EPA 8260B
1,2-Dichlorobenzene		<0.50	ug/L	0.50	1.7	1.0			4/27/2007	APG	EPA 8260B
1,3-Dichlorobenzene		<0.40	ug/L	0.40	1.5	1.0			4/27/2007	APG	EPA 8260B
1,4-Dichlorobenzene		<0.60	ug/L	0.60	2.0	1.0			4/27/2007	APG	EPA 8260B
Dichlorodifluoromethane		<0.29	ug/L	0.29	0.97	1.0			4/27/2007	APG	EPA 8260B

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CT Lab#:	Sample Description: GP-5						Sampled: 4/20/2007			
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1,1-Dichloroethane	<0.40 ug/L		0.40	1.4	1.0		4/27/2007	APG	EPA 8260B	
1,2-Dichloroethane	<0.50 ug/L		0.50	1.5	1.0		4/27/2007	APG	EPA 8260B	
1,1-Dichloroethene	<0.30 ug/L		0.30	1.2	1.0		4/27/2007	APG	EPA 8260B	
cis-1,2-Dichloroethene	<0.40 ug/L		0.40	1.4	1.0		4/27/2007	APG	EPA 8260B	
trans-1,2-Dichloroethene	<0.40 ug/L		0.40	1.5	1.0		4/27/2007	APG	EPA 8260B	
1,2-Dichloropropane	<0.50 ug/L		0.50	1.7	1.0		4/27/2007	APG	EPA 8260B	
1,3-Dichloropropane	<0.50 ug/L		0.50	1.8	1.0		4/27/2007	APG	EPA 8260B	
2,2-Dichloropropane	<0.60 ug/L		0.60	1.9	1.0		4/27/2007	APG	EPA 8260B	
1,1-Dichloropropene	<0.60 ug/L		0.60	1.9	1.0		4/27/2007	APG	EPA 8260B	
cis-1,3-Dichloropropene	<0.15 ug/L		0.15	0.50	1.0		4/27/2007	APG	EPA 8260B	
trans-1,3-Dichloropropene	<0.14 ug/L		0.14	0.50	1.0		4/27/2007	APG	EPA 8260B	
Diisopropyl ether	<0.40 ug/L		0.40	1.4	1.0		4/27/2007	APG	EPA 8260B	
Ethylbenzene	<0.50 ug/L		0.50	1.7	1.0		4/27/2007	APG	EPA 8260B	
Hexachlorobutadiene	<0.90 ug/L		0.90	2.9	1.0		4/27/2007	APG	EPA 8260B	
2-Hexanone	<8.0 ug/L		8.0	26	1.0		4/27/2007	APG	EPA 8260B	
Isopropylbenzene	<0.60 ug/L		0.60	2.2	1.0		4/27/2007	APG	EPA 8260B	
p-Isopropyltoluene	<0.40 ug/L		0.40	1.5	1.0		4/27/2007	APG	EPA 8260B	
Methyl tert-butyl ether	<0.40 ug/L		0.40	1.4	1.0		4/27/2007	APG	EPA 8260B	
4-Methyl-2-pentanone	<6.0 ug/L		6.0	20	1.0		4/27/2007	APG	EPA 8260B	
Methylene chloride	<1.0 ug/L		1.0	3.2	1.0		4/27/2007	APG	EPA 8260B	
Naphthalene	<0.70 ug/L		0.70	2.3	1.0		4/27/2007	APG	EPA 8260B	
n-Propylbenzene	<0.40 ug/L		0.40	1.4	1.0		4/27/2007	APG	EPA 8260B	
Styrene	<0.50 ug/L		0.50	1.6	1.0		4/27/2007	APG	EPA 8260B	
1,1,1,2-Tetrachloroethane	<0.70 ug/L		0.70	2.4	1.0		4/27/2007	APG	EPA 8260B	
1,1,2,2-Tetrachloroethane	<0.13 ug/L		0.13	0.43	1.0		4/27/2007	APG	EPA 8260B	
Tetrachloroethene	<0.29 ug/L		0.29	0.98	1.0		4/27/2007	APG	EPA 8260B	
Tetrahydrofuran	<7.0 ug/L		7.0	23	1.0		4/27/2007	APG	EPA 8260B	
Toluene	<0.40 ug/L		0.40	1.4	1.0		4/27/2007	APG	EPA 8260B	
1,2,3-Trichlorobenzene	<0.50 ug/L		0.50	1.7	1.0		4/27/2007	APG	EPA 8260B	
1,2,4-Trichlorobenzene	<0.70 ug/L		0.70	2.3	1.0		4/27/2007	APG	EPA 8260B	
1,1,1-Trichloroethane	<0.50 ug/L		0.50	1.6	1.0		4/27/2007	APG	EPA 8260B	
1,1,2-Trichloroethane	<0.50 ug/L		0.50	1.8	1.0		4/27/2007	APG	EPA 8260B	
Trichloroethene	<0.15 ug/L		0.15	0.50	1.0		4/27/2007	APG	EPA 8260B	
Trichlorofluoromethane	<0.70 ug/L		0.70	2.5	1.0		4/27/2007	APG	EPA 8260B	
1,2,3-Trichloropropane	<0.70 ug/L		0.70	2.2	1.0		4/27/2007	APG	EPA 8260B	
1,2,4-Trimethylbenzene	<0.50 ug/L		0.50	1.6	1.0		4/27/2007	APG	EPA 8260B	
1,3,5-Trimethylbenzene	<0.40 ug/L		0.40	1.4	1.0		4/27/2007	APG	EPA 8260B	

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CT Lab#: 468177	Sample Description: GP-5							Sampled: 4/20/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Vinyl chloride	<0.15 ug/L		0.15	0.51	1.0			4/27/2007	APG	EPA 8260B
m & p-Xylene	<0.90 ug/L		0.90	3.0	1.0			4/27/2007	APG	EPA 8260B
o-Xylene	<0.60 ug/L		0.60	1.9	1.0			4/27/2007	APG	EPA 8260B

CT Lab#: 468178	Sample Description: GP-6							Sampled: 4/20/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method

### Metals Results

Total Arsenic	<0.80 ug/L		0.80	2.60	1.0		4/26/2007	5/1/2007	GCE	EPA 7060A
Total Barium	56.3 ug/L		0.20	0.68	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B
Total Cadmium	<0.40 ug/L		0.40	1.2	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B
Total Chromium	0.85 ug/L		0.70 *	2.4	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B
Total Lead	1.5 ug/L		1.3 *	4.4	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B
Total Selenium	8.6 ug/L		4.0 *	13	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B
Total Silver	0.99 ug/L		0.80 *	2.7	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B
Total Mercury	<0.080 ug/L		0.080	0.28	1.0		4/27/2007	4/30/2007	NAH	EPA 7470A

### Organic Results

1-Methylnaphthalene	<0.21 ug/L		0.21	0.67	1.0		4/25/2007	5/1/2007	RED	EPA 8310
2-Methylnaphthalene	<0.22 ug/L		0.22	0.71	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Acenaphthene	<0.26 ug/L		0.26	0.82	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Acenaphthylene	<0.22 ug/L		0.22	0.69	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Anthracene	<0.041 ug/L		0.041	0.11	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Benzo(a)anthracene	<0.010 ug/L		0.010	0.031	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Benzo(a)pyrene	<0.020 ug/L		0.020	0.051	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Benzo(b)fluoranthene	<0.031 ug/L		0.031	0.071	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Benzo(g,h,i)perylene	<0.041 ug/L		0.041	0.10	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Benzo(k)fluoranthene	<0.031 ug/L		0.031	0.071	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Chrysene	<0.051 ug/L		0.051	0.14	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Dibenzo(a,h)anthracene	<0.031 ug/L		0.031	0.082	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Fluoranthene	0.054 ug/L		0.010	0.031	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Fluorene	<0.11 ug/L		0.11	0.36	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Indeno(1,2,3-cd)pyrene	<0.031 ug/L		0.031	0.071	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Naphthalene	<0.28 ug/L		0.28	0.87	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Phenanthrene	<0.051 ug/L		0.051	0.16	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Pyrene	<0.061 ug/L		0.061	0.19	1.0		4/25/2007	5/1/2007	RED	EPA 8310

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CT Lab#:	Sample Description: GP-6						Sampled: 4/20/2007			
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Acetone	<10 ug/L		10	33	1.0		4/27/2007	APG	EPA 8260B	
Benzene	<0.40 ug/L		0.40	1.3	1.0		4/27/2007	APG	EPA 8260B	
Bromobenzene	<0.60 ug/L		0.60	2.1	1.0		4/27/2007	APG	EPA 8260B	
Bromochloromethane	<0.70 ug/L		0.70	2.4	1.0		4/27/2007	APG	EPA 8260B	
Bromodichloromethane	1.9 ug/L		0.15	0.51	1.0		4/27/2007	APG	EPA 8260B	
Bromoform	<0.21 ug/L		0.21	0.71	1.0		4/27/2007	APG	EPA 8260B	
Bromomethane	<0.90 ug/L		0.90	2.9	1.0		4/27/2007	APG	EPA 8260B	
2-Butanone	<5.0 ug/L		5.0	18	1.0		4/27/2007	APG	EPA 8260B	
n-Butylbenzene	<0.40 ug/L		0.40	1.3	1.0		4/27/2007	APG	EPA 8260B	
sec-Butylbenzene	<0.50 ug/L		0.50	1.6	1.0		4/27/2007	APG	EPA 8260B	
tert-Butylbenzene	<0.50 ug/L		0.50	1.7	1.0		4/27/2007	APG	EPA 8260B	
Carbon disulfide	<1.0 ug/L		1.0	3.3	1.0		4/27/2007	APG	EPA 8260B	
Carbon tetrachloride	<0.50 ug/L		0.50	1.8	1.0		4/27/2007	APG	EPA 8260B	
Chlorobenzene	<0.40 ug/L		0.40	1.5	1.0		4/27/2007	APG	EPA 8260B	
Dibromochloromethane	0.75 ug/L		0.60 *	1.8	1.0		4/27/2007	APG	EPA 8260B	
Chloroethane	<0.60 ug/L		0.60	2.0	1.0		4/27/2007	APG	EPA 8260B	
Chloroform	7.2 ug/L		0.50	1.7	1.0		4/27/2007	APG	EPA 8260B	
Chloromethane	<0.30 ug/L		0.30	1.1	1.0		4/27/2007	APG	EPA 8260B	
2-Chlorotoluene	<0.50 ug/L		0.50	1.7	1.0		4/27/2007	APG	EPA 8260B	
4-Chlorotoluene	<0.60 ug/L		0.60	2.0	1.0		4/27/2007	APG	EPA 8260B	
1,2-Dibromo-3-chloropropane	<0.30 ug/L		0.30	1.2	1.0		4/27/2007	APG	EPA 8260B	
1,2-Dibromoethane	<0.50 ug/L		0.50	1.7	1.0		4/27/2007	APG	EPA 8260B	
Dibromomethane	<0.80 ug/L		0.80	2.7	1.0		4/27/2007	APG	EPA 8260B	
1,2-Dichlorobenzene	<0.50 ug/L		0.50	1.7	1.0		4/27/2007	APG	EPA 8260B	
1,3-Dichlorobenzene	<0.40 ug/L		0.40	1.5	1.0		4/27/2007	APG	EPA 8260B	
1,4-Dichlorobenzene	<0.60 ug/L		0.60	2.0	1.0		4/27/2007	APG	EPA 8260B	
Dichlorodifluoromethane	<0.29 ug/L		0.29	0.97	1.0		4/27/2007	APG	EPA 8260B	
1,1-Dichloroethane	<0.40 ug/L		0.40	1.4	1.0		4/27/2007	APG	EPA 8260B	
1,2-Dichloroethane	<0.50 ug/L		0.50	1.5	1.0		4/27/2007	APG	EPA 8260B	
1,1-Dichloroethene	<0.30 ug/L		0.30	1.2	1.0		4/27/2007	APG	EPA 8260B	
cis-1,2-Dichloroethene	<0.40 ug/L		0.40	1.4	1.0		4/27/2007	APG	EPA 8260B	
trans-1,2-Dichloroethene	<0.40 ug/L		0.40	1.5	1.0		4/27/2007	APG	EPA 8260B	
1,2-Dichloropropane	<0.50 ug/L		0.50	1.7	1.0		4/27/2007	APG	EPA 8260B	
1,3-Dichloropropane	<0.50 ug/L		0.50	1.8	1.0		4/27/2007	APG	EPA 8260B	
2,2-Dichloropropane	<0.60 ug/L		0.60	1.9	1.0		4/27/2007	APG	EPA 8260B	
1,1-Dichloropropene	<0.60 ug/L		0.60	1.9	1.0		4/27/2007	APG	EPA 8260B	
cis-1,3-Dichloropropene	<0.15 ug/L		0.15	0.50	1.0		4/27/2007	APG	EPA 8260B	

WI DNR Lab Certification Number: 15-7066030  
 DATCP Certification Number: 105-000289  
 LA NELAP Certification Number: 04091



CT Lab#: 468178		Sample Description: GP-6						Sampled: 4/20/2007			
Analyte		Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
trans-1,3-Dichloropropene		<0.14 ug/L		0.14	0.50	1.0		4/27/2007	APG	EPA 8260B	
Diisopropyl ether		<0.40 ug/L		0.40	1.4	1.0		4/27/2007	APG	EPA 8260B	
Ethylbenzene		<0.50 ug/L		0.50	1.7	1.0		4/27/2007	APG	EPA 8260B	
Hexachlorobutadiene		<0.90 ug/L		0.90	2.9	1.0		4/27/2007	APG	EPA 8260B	
2-Hexanone		<8.0 ug/L		8.0	26	1.0		4/27/2007	APG	EPA 8260B	
Isopropylbenzene		<0.60 ug/L		0.60	2.2	1.0		4/27/2007	APG	EPA 8260B	
p-Isopropyltoluene		<0.40 ug/L		0.40	1.5	1.0		4/27/2007	APG	EPA 8260B	
Methyl tert-butyl ether		<0.40 ug/L		0.40	1.4	1.0		4/27/2007	APG	EPA 8260B	
4-Methyl-2-pentanone		<6.0 ug/L		6.0	20	1.0		4/27/2007	APG	EPA 8260B	
Methylene chloride		<1.0 ug/L		1.0	3.2	1.0		4/27/2007	APG	EPA 8260B	
Naphthalene		<0.70 ug/L		0.70	2.3	1.0		4/27/2007	APG	EPA 8260B	
n-Propylbenzene		<0.40 ug/L		0.40	1.4	1.0		4/27/2007	APG	EPA 8260B	
Styrene		<0.50 ug/L		0.50	1.6	1.0	M	4/27/2007	APG	EPA 8260B	
1,1,1,2-Tetrachloroethane		<0.70 ug/L		0.70	2.4	1.0		4/27/2007	APG	EPA 8260B	
1,1,2,2-Tetrachloroethane		<0.13 ug/L		0.13	0.43	1.0		4/27/2007	APG	EPA 8260B	
Tetrachloroethylene		<0.29 ug/L		0.29	0.98	1.0		4/27/2007	APG	EPA 8260B	
Tetrahydrofuran		<7.0 ug/L		7.0	23	1.0		4/27/2007	APG	EPA 8260B	
Toluene		<0.40 ug/L		0.40	1.4	1.0		4/27/2007	APG	EPA 8260B	
1,2,3-Trichlorobenzene		<0.50 ug/L		0.50	1.7	1.0		4/27/2007	APG	EPA 8260B	
1,2,4-Trichlorobenzene		<0.70 ug/L		0.70	2.3	1.0		4/27/2007	APG	EPA 8260B	
1,1,1-Trichloroethane		<0.50 ug/L		0.50	1.6	1.0		4/27/2007	APG	EPA 8260B	
1,1,2-Trichloroethane		<0.50 ug/L		0.50	1.8	1.0		4/27/2007	APG	EPA 8260B	
Trichloroethylene		<0.15 ug/L		0.15	0.50	1.0		4/27/2007	APG	EPA 8260B	
Trichlorofluoromethane		<0.70 ug/L		0.70	2.5	1.0		4/27/2007	APG	EPA 8260B	
1,2,3-Trichloropropane		<0.70 ug/L		0.70	2.2	1.0		4/27/2007	APG	EPA 8260B	
1,2,4-Trimethylbenzene		<0.50 ug/L		0.50	1.6	1.0	M	4/27/2007	APG	EPA 8260B	
1,3,5-Trimethylbenzene		<0.40 ug/L		0.40	1.4	1.0	M	4/27/2007	APG	EPA 8260B	
Vinyl chloride		<0.15 ug/L		0.15	0.51	1.0		4/27/2007	APG	EPA 8260B	
m & p-Xylene		<0.90 ug/L		0.90	3.0	1.0		4/27/2007	APG	EPA 8260B	
o-Xylene		<0.60 ug/L		0.60	1.9	1.0		4/27/2007	APG	EPA 8260B	

CT Lab#: 468179		Sample Description: GP-7						Sampled: 4/20/2007			
Analyte		Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method

**Metals Results**

Total Arsenic	<0.80 ug/L	0.80	2.60	1.0	4/26/2007	5/1/2007	GCE	EPA 7060A
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WI DNR Lab Certification Number: 15-7066030  
 DATCP Certification Number: 105-000289  
 LA NELAP Certification Number: 04091



CT Lab#: 468179		Sample Description: GP-7						Sampled: 4/20/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Total Barium	53.3 ug/L		0.20	0.68	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B
Total Cadmium	<0.40 ug/L		0.40	1.2	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B
Total Chromium	1.3 ug/L		0.70 *	2.4	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B
Total Lead	<1.3 ug/L		1.3	4.4	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B
Total Selenium	4.7 ug/L		4.0 *	13	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B
Total Silver	<0.80 ug/L		0.80	2.7	1.0		4/24/2007	4/26/2007	NAH	EPA 6010B
Total Mercury	<0.080 ug/L		0.080	0.28	1.0		4/27/2007	4/30/2007	NAH	EPA 7470A
<b>Organic Results</b>										
1-Methylnaphthalene	<0.22 ug/L		0.22	0.69	1.0		4/25/2007	5/1/2007	RED	EPA 8310
2-Methylnaphthalene	<0.23 ug/L		0.23	0.74	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Acenaphthene	<0.26 ug/L		0.26	0.84	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Acenaphthylene	<0.23 ug/L		0.23	0.72	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Anthracene	<0.042 ug/L		0.042	0.12	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Benzo(a)anthracene	<0.011 ug/L		0.011	0.032	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Benzo(a)pyrene	<0.021 ug/L		0.021	0.053	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Benzo(b)fluoranthene	<0.032 ug/L		0.032	0.074	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Benzo(g,h,i)perylene	<0.042 ug/L		0.042	0.11	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Benzo(k)fluoranthene	<0.032 ug/L		0.032	0.074	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Chrysene	<0.053 ug/L		0.053	0.15	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Dibenz(a,h)anthracene	<0.032 ug/L		0.032	0.084	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Fluoranthene	<0.011 ug/L		0.011	0.032	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Fluorene	<0.12 ug/L		0.12	0.37	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Indeno(1,2,3-cd)pyrene	<0.032 ug/L		0.032	0.074	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Naphthalene	<0.28 ug/L		0.28	0.89	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Phenanthrene	<0.053 ug/L		0.053	0.17	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Pyrene	<0.063 ug/L		0.063	0.20	1.0		4/25/2007	5/1/2007	RED	EPA 8310
Acetone	<10 ug/L		10	33	1.0			4/27/2007	APG	EPA 8260B
Benzene	<0.40 ug/L		0.40	1.3	1.0			4/27/2007	APG	EPA 8260B
Bromobenzene	<0.60 ug/L		0.60	2.1	1.0			4/27/2007	APG	EPA 8260B
Bromochloromethane	<0.70 ug/L		0.70	2.4	1.0			4/27/2007	APG	EPA 8260B
Bromodichloromethane	1.4 ug/L		0.15	0.51	1.0			4/27/2007	APG	EPA 8260B
Bromoform	<0.21 ug/L		0.21	0.71	1.0			4/27/2007	APG	EPA 8260B
Bromomethane	<0.90 ug/L		0.90	2.9	1.0			4/27/2007	APG	EPA 8260B
2-Butanone	<5.0 ug/L		5.0	18	1.0			4/27/2007	APG	EPA 8260B
n-Butylbenzene	<0.40 ug/L		0.40	1.3	1.0			4/27/2007	APG	EPA 8260B
sec-Butylbenzene	<0.50 ug/L		0.50	1.6	1.0			4/27/2007	APG	EPA 8260B

WI DNR Lab Certification Number: 15-7066030  
 DATCP Certification Number: 105-000289  
 LA NELAP Certification Number: 04091





AYRES ASSOCIATES

Contract #: 1452

Project Name: HERRIED

Folder #: 59,904

Project #:

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CT Lab#: 468179		Sample Description: GP-7							Sampled: 4/20/2007	
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
tert-Butylbenzene	<0.50 ug/L		0.50	1.7	1.0			4/27/2007	APG	EPA 8260B
Carbon disulfide	<1.0 ug/L		1.0	3.3	1.0			4/27/2007	APG	EPA 8260B
Carbon tetrachloride	<0.50 ug/L		0.50	1.8	1.0			4/27/2007	APG	EPA 8260B
Chlorobenzene	<0.40 ug/L		0.40	1.5	1.0			4/27/2007	APG	EPA 8260B
Dibromochloromethane	<0.60 ug/L		0.60	1.8	1.0			4/27/2007	APG	EPA 8260B
Chloroethane	<0.60 ug/L		0.60	2.0	1.0			4/27/2007	APG	EPA 8260B
Chloroform	4.7 ug/L		0.50	1.7	1.0			4/27/2007	APG	EPA 8260B
Chloromethane	<0.30 ug/L		0.30	1.1	1.0			4/27/2007	APG	EPA 8260B
2-Chlorotoluene	<0.50 ug/L		0.50	1.7	1.0			4/27/2007	APG	EPA 8260B
4-Chlorotoluene	<0.60 ug/L		0.60	2.0	1.0			4/27/2007	APG	EPA 8260B
1,2-Dibromo-3-chloropropane	<0.30 ug/L		0.30	1.2	1.0			4/27/2007	APG	EPA 8260B
1,2-Dibromoethane	<0.50 ug/L		0.50	1.7	1.0			4/27/2007	APG	EPA 8260B
Dibromomethane	<0.80 ug/L		0.80	2.7	1.0			4/27/2007	APG	EPA 8260B
1,2-Dichlorobenzene	<0.50 ug/L		0.50	1.7	1.0			4/27/2007	APG	EPA 8260B
1,3-Dichlorobenzene	<0.40 ug/L		0.40	1.5	1.0			4/27/2007	APG	EPA 8260B
1,4-Dichlorobenzene	<0.60 ug/L		0.60	2.0	1.0			4/27/2007	APG	EPA 8260B
Dichlorodifluoromethane	<0.29 ug/L		0.29	0.97	1.0			4/27/2007	APG	EPA 8260B
1,1-Dichloroethane	<0.40 ug/L		0.40	1.4	1.0			4/27/2007	APG	EPA 8260B
1,2-Dichloroethane	<0.50 ug/L		0.50	1.5	1.0			4/27/2007	APG	EPA 8260B
1,1-Dichloroethylene	<0.30 ug/L		0.30	1.2	1.0			4/27/2007	APG	EPA 8260B
cis-1,2-Dichloroethylene	<0.40 ug/L		0.40	1.4	1.0			4/27/2007	APG	EPA 8260B
trans-1,2-Dichloroethylene	<0.40 ug/L		0.40	1.5	1.0			4/27/2007	APG	EPA 8260B
1,2-Dichloropropane	<0.50 ug/L		0.50	1.7	1.0			4/27/2007	APG	EPA 8260B
1,3-Dichloropropane	<0.50 ug/L		0.50	1.8	1.0			4/27/2007	APG	EPA 8260B
2,2-Dichloropropane	<0.60 ug/L		0.60	1.9	1.0			4/27/2007	APG	EPA 8260B
1,1-Dichloropropene	<0.60 ug/L		0.60	1.9	1.0			4/27/2007	APG	EPA 8260B
cis-1,3-Dichloropropene	<0.15 ug/L		0.15	0.50	1.0			4/27/2007	APG	EPA 8260B
trans-1,3-Dichloropropene	<0.14 ug/L		0.14	0.50	1.0			4/27/2007	APG	EPA 8260B
Diisopropyl ether	<0.40 ug/L		0.40	1.4	1.0			4/27/2007	APG	EPA 8260B
Ethylbenzene	<0.50 ug/L		0.50	1.7	1.0			4/27/2007	APG	EPA 8260B
Hexachlorobutadiene	<0.90 ug/L		0.90	2.9	1.0			4/27/2007	APG	EPA 8260B
2-Hexanone	<8.0 ug/L		8.0	26	1.0			4/27/2007	APG	EPA 8260B
Isopropylbenzene	<0.60 ug/L		0.60	2.2	1.0			4/27/2007	APG	EPA 8260B
p-Isopropyltoluene	<0.40 ug/L		0.40	1.5	1.0			4/27/2007	APG	EPA 8260B
Methyl tert-butyl ether	<0.40 ug/L		0.40	1.4	1.0			4/27/2007	APG	EPA 8260B
4-Methyl-2-pentanone	<6.0 ug/L		6.0	20	1.0			4/27/2007	APG	EPA 8260B
Methylene chloride	<1.0 ug/L		1.0	3.2	1.0			4/27/2007	APG	EPA 8260B

WI DNR Lab Certification Number: 15-7066030  
DATCP Certification Number: 105-000289  
LA NELAP Certification Number: 04091





AYRES ASSOCIATES

Project Name: HERRIED

Project #:

Contract #: 1452

Folder #: 59,904

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CT Lab#: 468179		Sample Description: GP-7						Sampled: 4/20/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Naphthalene	<0.70 ug/L		0.70	2.3	1.0		4/27/2007	APG	EPA 8260B	
n-Propylbenzene	<0.40 ug/L		0.40	1.4	1.0		4/27/2007	APG	EPA 8260B	
Styrene	<0.50 ug/L		0.50	1.6	1.0		4/27/2007	APG	EPA 8260B	
1,1,1,2-Tetrachloroethane	<0.70 ug/L		0.70	2.4	1.0		4/27/2007	APG	EPA 8260B	
1,1,2,2-Tetrachloroethane	<0.13 ug/L		0.13	0.43	1.0		4/27/2007	APG	EPA 8260B	
Tetrachloroethene	<0.29 ug/L		0.29	0.98	1.0		4/27/2007	APG	EPA 8260B	
Tetrahydrofuran	<7.0 ug/L		7.0	23	1.0		4/27/2007	APG	EPA 8260B	
Toluene	<0.40 ug/L		0.40	1.4	1.0		4/27/2007	APG	EPA 8260B	
1,2,3-Trichlorobenzene	<0.50 ug/L		0.50	1.7	1.0		4/27/2007	APG	EPA 8260B	
1,2,4-Trichlorobenzene	<0.70 ug/L		0.70	2.3	1.0		4/27/2007	APG	EPA 8260B	
1,1,1-Trichloroethane	<0.50 ug/L		0.50	1.6	1.0		4/27/2007	APG	EPA 8260B	
1,1,2-Trichloroethane	<0.50 ug/L		0.50	1.8	1.0		4/27/2007	APG	EPA 8260B	
Trichloroethene	<0.15 ug/L		0.15	0.50	1.0		4/27/2007	APG	EPA 8260B	
Trichlorofluoromethane	<0.70 ug/L		0.70	2.5	1.0		4/27/2007	APG	EPA 8260B	
1,2,3-Trichloropropane	<0.70 ug/L		0.70	2.2	1.0		4/27/2007	APG	EPA 8260B	
1,2,4-Trimethylbenzene	<0.50 ug/L		0.50	1.6	1.0		4/27/2007	APG	EPA 8260B	
1,3,5-Trimethylbenzene	<0.40 ug/L		0.40	1.4	1.0		4/27/2007	APG	EPA 8260B	
Vinyl chloride	<0.15 ug/L		0.15	0.51	1.0		4/27/2007	APG	EPA 8260B	
m & p-Xylene	<0.90 ug/L		0.90	3.0	1.0		4/27/2007	APG	EPA 8260B	
o-Xylene	<0.60 ug/L		0.60	1.9	1.0		4/27/2007	APG	EPA 8260B	

WI DNR Lab Certification Number: 15-7066030  
DATCP Certification Number: 105-000289  
LA NELAP Certification Number: 04091



**Notes regarding entire Chain of Custody:**

Notes: \* Indicates Value in between LOD and LOQ.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

This report satisfies the requirements of your project but has not been prepared to comply with NELAP reporting requirements.

*[Signature]*  
Submitted by: \_\_\_\_\_

Eric T. Korthals  
Project Manager  
608-356-2760

**QC Qualifiers**

<u>Code</u>	<u>Description</u>
A	Analyte averaged calibration criteria within acceptable limits.
B	Analyte detected in associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Calibration criteria exceeded.

WI DNR Lab Certification Number: 15-7066030  
DATCP Certification Number: 105-000289  
LA NELAP Certification Number: 04091



# CHAIN OF CUSTODY RECORD

PROJECT NO.		PROJECT NAME/CLIENT <b>HERRIED</b>			NO. OF JARS	DRO (WDNR)	GRO (WDNR)	PVOC (EPA 8020)	GRO/PVOC	VOC (EPA 8020)	PAH	RCRA metals
SAMPLERS: (Signature) <i>Tom A. Rehm</i>		COLLECTION	PRESERVE TYPE	SAMPLE MATRIX								
LAB ID	SAMPLE NO.	DATE	TIME									
GP-1,0-2	4-20-07			meth	Soil	3			X X			468151
GP-2,2-4	"			"	"	3			X X			468165
GP-3,0-2	"			"	"	3			X X X			468166
GP-4,0-2	"			"	"	3			X X			468167
GP-5,2-4	"			"	"	3			X X			468178
GP-6,0-2	"			"	"	3			X X X			468169
GP-7,0-2	"			"	"	3			X X X			468170
GP-8,0-2	"			"	"	3			X X X			468171
GP-9,0-2	"			"	"	3			X X X			468172
GP-10,0-2	"			"	"	3			X X X			468173
<i>Meth Blanks</i>						1			X			468174
Ice Present:		<i>No</i>										
Temperature		<i>19</i> °C										
Initials		<i>SAR</i>										
Date		<i>4/24/07</i>		Time <i>2:45</i>								
RELINQUISHED BY: (Signature) <i>Thomas Rehm</i>	DATE/TIME <i>4/23/1</i>	RECEIVED BY: (Signature) <i>SAR</i>		RELINQUISHED BY: (Signature)		DATE/TIME <i>4/24/07</i>	RECEIVED BY: (Signature) <i>SAR</i>					
RELINQUISHED BY: (Signature)	DATE/TIME <i>/</i>	RECEIVED FOR LABORATORY BY: (Signature)		DATE/TIME <i>/</i>					MAKE INVOICE TO: NAME: <i>Ayres Associates</i>			
METHOD OF SHIPMENT:	DROP OFF	LAB COURIER		OTHER:					ADDRESS: <i>Madison</i>			
SEND RESULTS AND C.O.C. TO: (NAME) <i>Tom GALECK</i>												
REMARKS: Please FAX executed C.O.C. upon receipt to (608) 443-1250												

# CHAIN OF CUSTODY RECORD

Page \_\_\_\_\_ of \_\_\_\_\_

PROJECT NO.		PROJECT NAME/CLIENT <i>Hegewald</i>			NO. OF JARS	DRO (MDNR)	GRO (WDNR)	PLOC (EPA 8020)	GROP/VOC	VOC (EPA 8021)	PBT	PCRA/PCP			LAB: <i>CT</i>
SAMPLERS: (Signature) <i>Eric A. Pekun</i>															QUOTE # <i>S9980</i>
LAB ID	SAMPLE NO.	COLLECTION		PRESERVE TYPE	SAMPLE MATRIX		COMMENTS								
		DATE	TIME												
	GP-2	4-20-07		GW	5			X	X	X				468175	
	GP-3	"		"	5			X	X	X				468176	
	GP-5	"		"	5			X	X	X				468177	
	GP-6	"	-	"	5			X	X	X				468178	
	GP-7	"		"	5			X	X	X				468179	
Ice Present:		<input checked="" type="checkbox"/> Yes	No												
Temperature:		<i>1.0</i>	<i>°C</i>												
Initials:		<i>SAC</i>													
Date:		<i>4/24/07</i>													
Time:		<i>0918</i>													
RELINQUISHED BY: (Signature) <i>Eric A. Pekun</i>		DATE/TIME <i>4/23/07</i>		RECEIVED BY: (Signature) <i>M.J.L.</i>		RELINQUISHED BY: (Signature)		DATE/TIME <i>4/24/07/046</i>		RECEIVED BY: (Signature) <i>SAC</i>					
RELINQUISHED BY: (Signature)		DATE/TIME <i>/</i>		RECEIVED FOR LABORATORY BY: (Signature)		DATE/TIME <i>/</i>		MAKE INVOICE TO: NAME: <i>Ayres Associates</i> ADDRESS: _____ CITY/STATE: <i>Madison</i> REMARKS: Please FAX executed C.O.C. upon receipt to (608) 443-1250							
METHOD OF SHIPMENT:		DROP OFF		LAB COURIER		OTHER:									
SEND RESULTS AND C.O.C. TO: (NAME) <i>Tony Ganieck</i>															



Owen Ayres & Associates, Inc.  
 Engineers / Photogrammetrists / Scientists / Surveyors  
 1802 Pankratz Street, Madison, WI 53704-4069  
 (608) 443-1200 Fax No. (608) 443-1250

## ANALYTICAL REPORT

Page 1 of 18

AYRES ASSOCIATES  
 TOM GAIICK  
 1802 PANKRATZ ST  
 MADISON, WI 53704-4069

Project Name: HERNIEL  
 Contract #: 1452  
 Project #:  
 Folder #: 61499  
 Purchase Order #:  
 Arrival Temperature: See COC  
 Report Date: 7/31/2007  
 Date Received: 7/20/2007  
 Reprint Date:

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
<b>Organic Results</b>										
Acetone	<7.0 ug/L		7.0	22	1.0		7/20/2007	RLD	EPA 8260B	
Benzene	<0.16 ug/L		0.16	0.55	1.0		7/20/2007	RLD	EPA 8260B	
Bromobenzene	<0.30 ug/L		0.30	1.1	1.0		7/20/2007	RLD	EPA 8260B	
Bromochloromethane	<0.21 ug/L		0.21	0.72	1.0		7/20/2007	RLD	EPA 8260B	
Bromodichloromethane	6.4 ug/L		0.19	0.62	1.0		7/20/2007	RLD	EPA 8260B	
Bromoform	<0.50 ug/L		0.50	1.5	1.0		7/20/2007	RLD	EPA 8260B	
Bromomethane	<0.40 ug/L		0.40	1.3	1.0		7/20/2007	RLD	EPA 8260B	
2-Butanone	<4.0 ug/L		4.0	14	1.0		7/20/2007	RLD	EPA 8260B	
n-Butylbenzene	<0.24 ug/L		0.24	0.79	1.0		7/20/2007	RLD	EPA 8260B	
sec-Butylbenzene	<0.29 ug/L		0.29	0.98	1.0		7/20/2007	RLD	EPA 8260B	
tert-Butylbenzene	<0.23 ug/L		0.23	0.76	1.0		7/20/2007	RLD	EPA 8260B	
Carbon disulfide	<0.50 ug/L		0.50	1.5	1.0		7/20/2007	RLD	EPA 8260B	
Carbon tetrachloride	<0.40 ug/L		0.40	1.3	1.0	Q	7/20/2007	RLD	EPA 8260B	
Chlorobenzene	<0.30 ug/L		0.30	1.1	1.0		7/20/2007	RLD	EPA 8260B	
Dibromochloromethane	3.2 ug/L		0.23	0.76	1.0		7/20/2007	RLD	EPA 8260B	
Chloroethane	<0.40 ug/L		0.40	1.3	1.0		7/20/2007	RLD	EPA 8260B	
Chloroform	20 ug/L		0.22	0.72	1.0		7/20/2007	RLD	EPA 8260B	
Chloromethane	0.36 ug/L		0.30 *	1.0	1.0		7/20/2007	RLD	EPA 8260B	
2-Chlorotoluene	<0.30 ug/L		0.30	1.1	1.0		7/20/2007	RLD	EPA 8260B	
4-Chlorotoluene	<0.30 ug/L		0.30	1.0	1.0		7/20/2007	RLD	EPA 8260B	
1,2-Dibromo-3-chloropropane	<0.40 ug/L		0.40	1.5	1.0		7/20/2007	RLD	EPA 8260B	
1,2-Dibromoethane	<0.13 ug/L		0.13	0.43	1.0		7/20/2007	RLD	EPA 8260B	
Dibromomethane	<0.40 ug/L		0.40	1.5	1.0		7/20/2007	RLD	EPA 8260B	

WI DNR Lab Certification Number: 15-7066030  
 DATCP Certification Number: 105-000289  
 LA NELAP Certification Number: 04091



# CTLaboratories

AYRES ASSOCIATES  
Project Name: HERNIEL  
Project #:

Contract #: 1452  
Folder #: 61,499  
Page 2 of 18

CT Lab#:	488554	Sample Description: GPZ 4						Sampled: 7/18/2007			
Analyte		Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1,2-Dichlorobenzene		<0.40	ug/L	0.40	1.4	1.0		7/20/2007	RLD	EPA 8260B	
1,3-Dichlorobenzene		<0.40	ug/L	0.40	1.2	1.0		7/20/2007	RLD	EPA 8260B	
1,4-Dichlorobenzene		<0.50	ug/L	0.50	1.6	1.0		7/20/2007	RLD	EPA 8260B	
Dichlorodifluoromethane		<0.40	ug/L	0.40	1.5	1.0		7/20/2007	RLD	EPA 8260B	
1,1-Dichloroethane		<0.40	ug/L	0.40	1.4	1.0		7/20/2007	RLD	EPA 8260B	
1,2-Dichloroethane		<0.30	ug/L	0.30	1.1	1.0		7/20/2007	RLD	EPA 8260B	
1,1-Dichloroethene		<0.40	ug/L	0.40	1.3	1.0		7/20/2007	RLD	EPA 8260B	
cis-1,2-Dichloroethene		<0.40	ug/L	0.40	1.2	1.0		7/20/2007	RLD	EPA 8260B	
trans-1,2-Dichloroethene		<0.50	ug/L	0.50	1.8	1.0		7/20/2007	RLD	EPA 8260B	
1,2-Dichloropropane		<0.21	ug/L	0.21	0.71	1.0		7/20/2007	RLD	EPA 8260B	
1,3-Dichloropropane		<0.19	ug/L	0.19	0.65	1.0		7/20/2007	RLD	EPA 8260B	
2,2-Dichloropropane		<0.30	ug/L	0.30	1.1	1.0		7/20/2007	RLD	EPA 8260B	
1,1-Dichloropropene		<0.50	ug/L	0.50	1.8	1.0		7/20/2007	RLD	EPA 8260B	
cis-1,3-Dichloropropene		<0.14	ug/L	0.14	0.47	1.0		7/20/2007	RLD	EPA 8260B	
trans-1,3-Dichloropropene		<0.14	ug/L	0.14	0.45	1.0		7/20/2007	RLD	EPA 8260B	
Diisopropyl ether		<0.50	ug/L	0.50	1.7	1.0		7/20/2007	RLD	EPA 8260B	
Ethylbenzene		<0.28	ug/L	0.28	0.94	1.0		7/20/2007	RLD	EPA 8260B	
Hexachlorobutadiene		<0.60	ug/L	0.60	2.1	1.0		7/20/2007	RLD	EPA 8260B	
2-Hexanone		<4.0	ug/L	4.0	13	1.0		7/20/2007	RLD	EPA 8260B	
Isopropylbenzene		<0.20	ug/L	0.20	0.67	1.0		7/20/2007	RLD	EPA 8260B	
p-Isopropyltoluene		<0.17	ug/L	0.17	0.56	1.0		7/20/2007	RLD	EPA 8260B	
Methyl tert-butyl ether		<0.23	ug/L	0.23	0.76	1.0		7/20/2007	RLD	EPA 8260B	
4-Methyl-2-pentanone		<3.0	ug/L	3.0	10	1.0		7/20/2007	RLD	EPA 8260B	
Methylene chloride		<0.50	ug/L	0.50	1.5	1.0		7/20/2007	RLD	EPA 8260B	
Naphthalene		<0.60	ug/L	0.60	1.8	1.0		7/20/2007	RLD	EPA 8260B	
n-Propylbenzene		<0.20	ug/L	0.20	0.68	1.0		7/20/2007	RLD	EPA 8260B	
Styrene		<0.30	ug/L	0.30	1.0	1.0		7/20/2007	RLD	EPA 8260B	
1,1,1,2-Tetrachloroethane		<0.60	ug/L	0.60	2.0	1.0		7/20/2007	RLD	EPA 8260B	
1,1,2,2-Tetrachloroethane		<0.14	ug/L	0.14	0.46	1.0		7/20/2007	RLD	EPA 8260B	
Tetrachloroethene		<0.40	ug/L	0.40	1.3	1.0		7/20/2007	RLD	EPA 8260B	
Tetrahydrofuran		<4.0	ug/L	4.0	12	1.0		7/20/2007	RLD	EPA 8260B	
Toluene		<0.20	ug/L	0.20	0.68	1.0		7/20/2007	RLD	EPA 8260B	
1,2,3-Trichlorobenzene		<0.50	ug/L	0.50	1.7	1.0		7/20/2007	RLD	EPA 8260B	
1,2,4-Trichlorobenzene		<0.40	ug/L	0.40	1.5	1.0		7/20/2007	RLD	EPA 8260B	
1,1,1-Trichloroethane		<0.60	ug/L	0.60	2.0	1.0		7/20/2007	RLD	EPA 8260B	
1,1,2-Trichloroethane		<0.50	ug/L	0.50	1.6	1.0		7/20/2007	RLD	EPA 8260B	
Trichloroethene		<0.15	ug/L	0.15	0.48	1.0		7/20/2007	RLD	EPA 8260B	

WI DNR Lab Certification Number: 15-7066030  
DATCP Certification Number: 105-000289  
LA NELAP Certification Number: 04091



CT Lab#: 488554		Sample Description: GP- <i>24</i>						Sampled: 7/18/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Trichlorofluoromethane	<0.40 ug/L		0.40	1.4	1.0		7/20/2007	RLD	EPA 8260B	
1,2,3-Trichloropropane	<0.30 ug/L		0.30	1.1	1.0		7/20/2007	RLD	EPA 8260B	
1,2,4-Trimethylbenzene	<0.24 ug/L		0.24	0.81	1.0		7/20/2007	RLD	EPA 8260B	
1,3,5-Trimethylbenzene	<0.19 ug/L		0.19	0.63	1.0		7/20/2007	RLD	EPA 8260B	
Vinyl chloride	<0.15 ug/L		0.15	0.49	1.0		7/20/2007	RLD	EPA 8260B	
m & p-Xylene	<0.50 ug/L		0.50	1.6	1.0		7/20/2007	RLD	EPA 8260B	
o-Xylene	<0.50 ug/L		0.50	1.6	1.0		7/20/2007	RLD	EPA 8260B	

CT Lab#: 488560		Sample Description: GP-7						Sampled: 7/18/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method

## Organic Results

Acetone	<7.0 ug/L		7.0	22	1.0		7/20/2007	RLD	EPA 8260B
Benzene	<0.16 ug/L		0.16	0.55	1.0		7/20/2007	RLD	EPA 8260B
Bromobenzene	<0.30 ug/L		0.30	1.1	1.0		7/20/2007	RLD	EPA 8260B
Bromochloromethane	<0.21 ug/L		0.21	0.72	1.0		7/20/2007	RLD	EPA 8260B
Bromodichloromethane	<0.19 ug/L		0.19	0.62	1.0		7/20/2007	RLD	EPA 8260B
Bromoform	<0.50 ug/L		0.50	1.5	1.0		7/20/2007	RLD	EPA 8260B
Bromomethane	<0.40 ug/L		0.40	1.3	1.0		7/20/2007	RLD	EPA 8260B
2-Butanone	<4.0 ug/L		4.0	14	1.0		7/20/2007	RLD	EPA 8260B
n-Butylbenzene	<0.24 ug/L		0.24	0.79	1.0		7/20/2007	RLD	EPA 8260B
sec-Butylbenzene	<0.29 ug/L		0.29	0.98	1.0		7/20/2007	RLD	EPA 8260B
tert-Butylbenzene	<0.23 ug/L		0.23	0.76	1.0		7/20/2007	RLD	EPA 8260B
Carbon disulfide	<0.50 ug/L		0.50	1.5	1.0		7/20/2007	RLD	EPA 8260B
Carbon tetrachloride	<0.40 ug/L		0.40	1.3	1.0	Q	7/20/2007	RLD	EPA 8260B
Chlorobenzene	<0.30 ug/L		0.30	1.1	1.0		7/20/2007	RLD	EPA 8260B
Dibromochloromethane	<0.23 ug/L		0.23	0.76	1.0		7/20/2007	RLD	EPA 8260B
Chloroethane	<0.40 ug/L		0.40	1.3	1.0		7/20/2007	RLD	EPA 8260B
Chloroform	0.44 ug/L		0.22 *	0.72	1.0		7/20/2007	RLD	EPA 8260B
Chloromethane	<0.30 ug/L		0.30	1.0	1.0		7/20/2007	RLD	EPA 8260B
2-Chlorotoluene	<0.30 ug/L		0.30	1.1	1.0		7/20/2007	RLD	EPA 8260B
4-Chlorotoluene	<0.30 ug/L		0.30	1.0	1.0		7/20/2007	RLD	EPA 8260B
1,2-Dibromo-3-chloropropane	<0.40 ug/L		0.40	1.5	1.0		7/20/2007	RLD	EPA 8260B
1,2-Dibromoethane	<0.13 ug/L		0.13	0.43	1.0		7/20/2007	RLD	EPA 8260B
Dibromomethane	<0.40 ug/L		0.40	1.5	1.0		7/20/2007	RLD	EPA 8260B
1,2-Dichlorobenzene	<0.40 ug/L		0.40	1.4	1.0		7/20/2007	RLD	EPA 8260B

WI DNR Lab Certification Number: 15-7066030  
 DATCP Certification Number: 105-000289  
 LA NELAP Certification Number: 04091



CT Lab#: 488560		Sample Description: GP-7						Sampled: 7/18/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1,3-Dichlorobenzene	<0.40 ug/L		0.40	1.2	1.0			7/20/2007	RLD	EPA 8260B
1,4-Dichlorobenzene	<0.50 ug/L		0.50	1.6	1.0			7/20/2007	RLD	EPA 8260B
Dichlorodifluoromethane	<0.40 ug/L		0.40	1.5	1.0			7/20/2007	RLD	EPA 8260B
1,1-Dichloroethane	<0.40 ug/L		0.40	1.4	1.0			7/20/2007	RLD	EPA 8260B
1,2-Dichloroethane	<0.30 ug/L		0.30	1.1	1.0			7/20/2007	RLD	EPA 8260B
1,1-Dichloroethene	<0.40 ug/L		0.40	1.3	1.0			7/20/2007	RLD	EPA 8260B
cis-1,2-Dichloroethene	<0.40 ug/L		0.40	1.2	1.0			7/20/2007	RLD	EPA 8260B
trans-1,2-Dichloroethene	<0.50 ug/L		0.50	1.8	1.0			7/20/2007	RLD	EPA 8260B
1,2-Dichloropropane	<0.21 ug/L		0.21	0.71	1.0			7/20/2007	RLD	EPA 8260B
1,3-Dichloropropane	<0.19 ug/L		0.19	0.65	1.0			7/20/2007	RLD	EPA 8260B
2,2-Dichloropropane	<0.30 ug/L		0.30	1.1	1.0			7/20/2007	RLD	EPA 8260B
1,1-Dichloropropene	<0.50 ug/L		0.50	1.8	1.0			7/20/2007	RLD	EPA 8260B
cis-1,3-Dichloropropene	<0.14 ug/L		0.14	0.47	1.0			7/20/2007	RLD	EPA 8260B
trans-1,3-Dichloropropene	<0.14 ug/L		0.14	0.45	1.0			7/20/2007	RLD	EPA 8260B
Diisopropyl ether	<0.50 ug/L		0.50	1.7	1.0			7/20/2007	RLD	EPA 8260B
Ethylbenzene	<0.28 ug/L		0.28	0.94	1.0			7/20/2007	RLD	EPA 8260B
Hexachlorobutadiene	<0.60 ug/L		0.60	2.1	1.0			7/20/2007	RLD	EPA 8260B
2-Hexanone	<4.0 ug/L		4.0	13	1.0			7/20/2007	RLD	EPA 8260B
Isopropylbenzene	<0.20 ug/L		0.20	0.67	1.0			7/20/2007	RLD	EPA 8260B
p-Isopropyltoluene	<0.17 ug/L		0.17	0.56	1.0			7/20/2007	RLD	EPA 8260B
Methyl tert-butyl ether	<0.23 ug/L		0.23	0.76	1.0			7/20/2007	RLD	EPA 8260B
4-Methyl-2-pentanone	<3.0 ug/L		3.0	10	1.0			7/20/2007	RLD	EPA 8260B
Methylene chloride	<0.50 ug/L		0.50	1.5	1.0			7/20/2007	RLD	EPA 8260B
Naphthalene	<0.60 ug/L		0.60	1.8	1.0			7/20/2007	RLD	EPA 8260B
n-Propylbenzene	<0.20 ug/L		0.20	0.68	1.0			7/20/2007	RLD	EPA 8260B
Styrene	<0.30 ug/L		0.30	1.0	1.0			7/20/2007	RLD	EPA 8260B
1,1,1,2-Tetrachloroethane	<0.60 ug/L		0.60	2.0	1.0			7/20/2007	RLD	EPA 8260B
1,1,2,2-Tetrachloroethane	<0.14 ug/L		0.14	0.46	1.0			7/20/2007	RLD	EPA 8260B
Tetrachloroethene	<0.40 ug/L		0.40	1.3	1.0			7/20/2007	RLD	EPA 8260B
Tetrahydrofuran	<4.0 ug/L		4.0	12	1.0			7/20/2007	RLD	EPA 8260B
Toluene	<0.20 ug/L		0.20	0.68	1.0			7/20/2007	RLD	EPA 8260B
1,2,3-Trichlorobenzene	<0.50 ug/L		0.50	1.7	1.0			7/20/2007	RLD	EPA 8260B
1,2,4-Trichlorobenzene	<0.40 ug/L		0.40	1.5	1.0			7/20/2007	RLD	EPA 8260B
1,1,1-Trichloroethane	<0.60 ug/L		0.60	2.0	1.0			7/20/2007	RLD	EPA 8260B
1,1,2-Trichloroethane	<0.50 ug/L		0.50	1.6	1.0			7/20/2007	RLD	EPA 8260B
Trichloroethene	<0.15 ug/L		0.15	0.48	1.0			7/20/2007	RLD	EPA 8260B
Trichlorofluoromethane	<0.40 ug/L		0.40	1.4	1.0			7/20/2007	RLD	EPA 8260B

WI DNR Lab Certification Number: 15-7066030

DATCP Certification Number: 105-000289

LA NELAP Certification Number: 04091



CT Lab#: 488560		Sample Description: GP-7						Sampled: 7/18/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1,2,3-Trichloropropane	<0.30 ug/L		0.30	1.1	1.0		7/20/2007	RLD	EPA 8260B	
1,2,4-Trimethylbenzene	<0.24 ug/L		0.24	0.81	1.0		7/20/2007	RLD	EPA 8260B	
1,3,5-Trimethylbenzene	<0.19 ug/L		0.19	0.63	1.0		7/20/2007	RLD	EPA 8260B	
Vinyl chloride	<0.15 ug/L		0.15	0.49	1.0		7/20/2007	RLD	EPA 8260B	
m & p-Xylene	<0.50 ug/L		0.50	1.6	1.0		7/20/2007	RLD	EPA 8260B	
o-Xylene	<0.50 ug/L		0.50	1.6	1.0		7/20/2007	RLD	EPA 8260B	

CT Lab#: 488561		Sample Description: TRIP BLANK						Sampled: 7/18/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method

## Organic Results

Acetone	<7.0 ug/L		7.0	22	1.0		7/22/2007	RLD	EPA 8260B	
Benzene	<0.16 ug/L		0.16	0.55	1.0		7/22/2007	RLD	EPA 8260B	
Bromobenzene	<0.30 ug/L		0.30	1.1	1.0		7/22/2007	RLD	EPA 8260B	
Bromochloromethane	<0.21 ug/L		0.21	0.72	1.0		7/22/2007	RLD	EPA 8260B	
Bromodichloromethane	<0.19 ug/L		0.19	0.62	1.0		7/22/2007	RLD	EPA 8260B	
Bromoform	<0.50 ug/L		0.50	1.5	1.0		7/22/2007	RLD	EPA 8260B	
Bromomethane	<0.40 ug/L		0.40	1.3	1.0		7/22/2007	RLD	EPA 8260B	
2-Butanone	<4.0 ug/L		4.0	14	1.0		7/22/2007	RLD	EPA 8260B	
n-Butylbenzene	<0.24 ug/L		0.24	0.79	1.0		7/22/2007	RLD	EPA 8260B	
sec-Butylbenzene	<0.29 ug/L		0.29	0.98	1.0		7/22/2007	RLD	EPA 8260B	
tert-Butylbenzene	<0.23 ug/L		0.23	0.76	1.0		7/22/2007	RLD	EPA 8260B	
Carbon disulfide	<0.50 ug/L		0.50	1.5	1.0		7/22/2007	RLD	EPA 8260B	
Carbon tetrachloride	<0.40 ug/L		0.40	1.3	1.0	Q	7/22/2007	RLD	EPA 8260B	
Chlorobenzene	<0.30 ug/L		0.30	1.1	1.0		7/22/2007	RLD	EPA 8260B	
Dibromochloromethane	<0.23 ug/L		0.23	0.76	1.0		7/22/2007	RLD	EPA 8260B	
Chloroethane	<0.40 ug/L		0.40	1.3	1.0		7/22/2007	RLD	EPA 8260B	
Chloroform	<0.22 ug/L		0.22	0.72	1.0		7/22/2007	RLD	EPA 8260B	
Chloromethane	<0.30 ug/L		0.30	1.0	1.0		7/22/2007	RLD	EPA 8260B	
2-Chlorotoluene	<0.30 ug/L		0.30	1.1	1.0		7/22/2007	RLD	EPA 8260B	
4-Chlorotoluene	<0.30 ug/L		0.30	1.0	1.0		7/22/2007	RLD	EPA 8260B	
1,2-Dibromo-3-chloropropane	<0.40 ug/L		0.40	1.5	1.0		7/22/2007	RLD	EPA 8260B	
1,2-Dibromoethane	<0.13 ug/L		0.13	0.43	1.0		7/22/2007	RLD	EPA 8260B	
Dibromomethane	<0.40 ug/L		0.40	1.5	1.0		7/22/2007	RLD	EPA 8260B	
1,2-Dichlorobenzene	<0.40 ug/L		0.40	1.4	1.0		7/22/2007	RLD	EPA 8260B	
1,3-Dichlorobenzene	<0.40 ug/L		0.40	1.2	1.0		7/22/2007	RLD	EPA 8260B	

WI DNR Lab Certification Number: 15-7066030  
 DATCP Certification Number: 105-000289  
 LA NELAP Certification Number: 04091



CT Lab#: 488561		Sample Description: TRIP BLANK						Sampled: 7/18/2007			
Analyte		Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1,4-Dichlorobenzene		<0.50	ug/L	0.50	1.6	1.0		7/22/2007	RLD	EPA 8260B	
Dichlorodifluoromethane		<0.40	ug/L	0.40	1.5	1.0		7/22/2007	RLD	EPA 8260B	
1,1-Dichloroethane		<0.40	ug/L	0.40	1.4	1.0		7/22/2007	RLD	EPA 8260B	
1,2-Dichloroethane		<0.30	ug/L	0.30	1.1	1.0		7/22/2007	RLD	EPA 8260B	
1,1-Dichloroethene		<0.40	ug/L	0.40	1.3	1.0		7/22/2007	RLD	EPA 8260B	
cis-1,2-Dichloroethene		<0.40	ug/L	0.40	1.2	1.0		7/22/2007	RLD	EPA 8260B	
trans-1,2-Dichloroethene		<0.50	ug/L	0.50	1.8	1.0		7/22/2007	RLD	EPA 8260B	
1,2-Dichloropropane		<0.21	ug/L	0.21	0.71	1.0		7/22/2007	RLD	EPA 8260B	
1,3-Dichloropropane		<0.19	ug/L	0.19	0.65	1.0		7/22/2007	RLD	EPA 8260B	
2,2-Dichloropropane		<0.30	ug/L	0.30	1.1	1.0		7/22/2007	RLD	EPA 8260B	
1,1-Dichloropropene		<0.50	ug/L	0.50	1.8	1.0		7/22/2007	RLD	EPA 8260B	
cis-1,3-Dichloropropene		<0.14	ug/L	0.14	0.47	1.0		7/22/2007	RLD	EPA 8260B	
trans-1,3-Dichloropropene		<0.14	ug/L	0.14	0.45	1.0		7/22/2007	RLD	EPA 8260B	
Diisopropyl ether		<0.50	ug/L	0.50	1.7	1.0		7/22/2007	RLD	EPA 8260B	
Ethylbenzene		<0.28	ug/L	0.28	0.94	1.0		7/22/2007	RLD	EPA 8260B	
Hexachlorobutadiene		<0.60	ug/L	0.60	2.1	1.0		7/22/2007	RLD	EPA 8260B	
2-Hexanone		<4.0	ug/L	4.0	13	1.0		7/22/2007	RLD	EPA 8260B	
Isopropylbenzene		<0.20	ug/L	0.20	0.67	1.0		7/22/2007	RLD	EPA 8260B	
p-Isopropyltoluene		<0.17	ug/L	0.17	0.56	1.0		7/22/2007	RLD	EPA 8260B	
Methyl tert-butyl ether		<0.23	ug/L	0.23	0.76	1.0		7/22/2007	RLD	EPA 8260B	
4-Methyl-2-pentanone		<3.0	ug/L	3.0	10	1.0		7/22/2007	RLD	EPA 8260B	
Methylene chloride		<0.50	ug/L	0.50	1.5	1.0		7/22/2007	RLD	EPA 8260B	
Naphthalene		<0.60	ug/L	0.60	1.8	1.0		7/22/2007	RLD	EPA 8260B	
n-Propylbenzene		<0.20	ug/L	0.20	0.68	1.0		7/22/2007	RLD	EPA 8260B	
Styrene		<0.30	ug/L	0.30	1.0	1.0		7/22/2007	RLD	EPA 8260B	
1,1,1,2-Tetrachloroethane		<0.60	ug/L	0.60	2.0	1.0		7/22/2007	RLD	EPA 8260B	
1,1,2,2-Tetrachloroethane		<0.14	ug/L	0.14	0.46	1.0		7/22/2007	RLD	EPA 8260B	
Tetrachloroethene		<0.40	ug/L	0.40	1.3	1.0		7/22/2007	RLD	EPA 8260B	
Tetrahydrofuran		<4.0	ug/L	4.0	12	1.0		7/22/2007	RLD	EPA 8260B	
Toluene		<0.20	ug/L	0.20	0.68	1.0		7/22/2007	RLD	EPA 8260B	
1,2,3-Trichlorobenzene		<0.50	ug/L	0.50	1.7	1.0		7/22/2007	RLD	EPA 8260B	
1,2,4-Trichlorobenzene		<0.40	ug/L	0.40	1.5	1.0		7/22/2007	RLD	EPA 8260B	
1,1,1-Trichloroethane		<0.60	ug/L	0.60	2.0	1.0		7/22/2007	RLD	EPA 8260B	
1,1,2-Trichloroethane		<0.50	ug/L	0.50	1.6	1.0		7/22/2007	RLD	EPA 8260B	
Trichloroethene		<0.15	ug/L	0.15	0.48	1.0		7/22/2007	RLD	EPA 8260B	
Trichlorofluoromethane		<0.40	ug/L	0.40	1.4	1.0		7/22/2007	RLD	EPA 8260B	
1,2,3-Trichloropropane		<0.30	ug/L	0.30	1.1	1.0		7/22/2007	RLD	EPA 8260B	

WI DNR Lab Certification Number: 15-7066030

DATCP Certification Number: 105-000289

LA NELAP Certification Number: 04091



CT Lab#: 488561		Sample Description: TRIP BLANK						Sampled: 7/18/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1,2,4-Trimethylbenzene	<0.24 ug/L		0.24	0.81	1.0		7/22/2007	RLD	EPA 8260B	
1,3,5-Trimethylbenzene	<0.19 ug/L		0.19	0.63	1.0		7/22/2007	RLD	EPA 8260B	
Vinyl chloride	<0.15 ug/L		0.15	0.49	1.0		7/22/2007	RLD	EPA 8260B	
m & p-Xylene	<0.50 ug/L		0.50	1.6	1.0		7/22/2007	RLD	EPA 8260B	
o-Xylene	<0.50 ug/L		0.50	1.6	1.0		7/22/2007	RLD	EPA 8260B	

CT Lab#: 488562		Sample Description: GP-11 0-2						Sampled: 7/18/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
<b>Inorganic Results</b>										
Solids, Percent	94.7 %		N/A	N/A	1.0		7/20/2007	CER	EPA 5030A	
<b>Metals Results</b>										
Arsenic	0.88 mg/kg		0.60 *	2.0	1.0		7/24/2007	7/26/2007	NAH	EPA 6010B
Barium	42.8 mg/kg		0.10	0.32	1.0		7/24/2007	7/26/2007	NAH	EPA 6010B
Cadmium	0.078 mg/kg		0.060 *	0.19	1.0		7/24/2007	7/26/2007	NAH	EPA 6010B
Chromium	11.0 mg/kg		0.40	1.4	1.0		7/24/2007	7/26/2007	NAH	EPA 6010B
Lead	13.0 mg/kg		0.30	0.99	1.0		7/24/2007	7/26/2007	NAH	EPA 6010B
Selenium	1.9 mg/kg		0.60	1.9	1.0		7/24/2007	7/26/2007	NAH	EPA 6010B
Silver	<0.30 mg/kg		0.30	1.1	1.0		7/24/2007	7/26/2007	NAH	EPA 6010B
Mercury	0.013 mg/kg		0.00072	0.0023	1.0		7/28/2007	7/30/2007	NAH	EPA 7471A
<b>Organic Results</b>										
1-Methylnaphthalene	<0.025 mg/kg		0.025	0.078	1.0		7/24/2007	7/26/2007	RED	EPA 8310
2-Methylnaphthalene	<0.026 mg/kg		0.026	0.081	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Acenaphthene	<0.025 mg/kg		0.025	0.080	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Acenaphthylene	<0.033 mg/kg		0.033	0.10	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Anthracene	<0.0032 mg/kg		0.0032	0.0095	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Benzo(a)anthracene	0.0033 mg/kg		0.0011	0.0032	1.0	P	7/24/2007	7/26/2007	RED	EPA 8310
Benzo(a)pyrene	<0.0032 mg/kg		0.0032	0.0084	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Benzo(b)fluoranthene	0.011 mg/kg		0.0021	0.0063	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Benzo(g,h,i)perylene	<0.0063 mg/kg		0.0063	0.020	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Benzo(k)fluoranthene	0.0051 mg/kg		0.0032 *	0.0084	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Chrysene	0.032 mg/kg		0.0032	0.0084	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Dibenzo(a,h)anthracene	<0.0053 mg/kg		0.0053	0.016	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Fluoranthene	0.098 mg/kg		0.0021	0.0042	1.0	P	7/24/2007	7/26/2007	RED	EPA 8310
Fluorene	<0.0063 mg/kg		0.0063	0.019	1.0		7/24/2007	7/26/2007	RED	EPA 8310

WI DNR Lab Certification Number: 15-7066030

DATCP Certification Number: 105-000289

LA NELAP Certification Number: 04091



CT Lab#: 488562		Sample Description: GP-11 0-2						Sampled: 7/18/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Indeno(1,2,3-cd)pyrene	<0.0032 mg/kg		0.0032	0.0095	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Naphthalene	<0.022 mg/kg		0.022	0.068	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Phenanthrene	<0.0032 mg/kg		0.0032	0.0095	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Pyrene	0.082 mg/kg		0.0032	0.0095	1.0	P	7/24/2007	7/26/2007	RED	EPA 8310
Acetone	<0.23 mg/kg		0.23	0.78	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Benzene	<0.0074 mg/kg		0.0074	0.026	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Bromobenzene	<0.0095 mg/kg		0.0095	0.034	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Bromochloromethane	<0.012 mg/kg		0.012	0.038	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Bromodichloromethane	<0.0095 mg/kg		0.0095	0.032	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Bromoform	<0.014 mg/kg		0.014	0.045	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Bromomethane	<0.025 mg/kg		0.025	0.084	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
2-Butanone	<0.15 mg/kg		0.15	0.48	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
n-Butylbenzene	<0.0084 mg/kg		0.0084	0.026	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
sec-Butylbenzene	<0.0074 mg/kg		0.0074	0.025	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
tert-Butylbenzene	<0.0084 mg/kg		0.0084	0.030	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Carbon disulfide	<0.032 mg/kg		0.032	0.12	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Carbon tetrachloride	<0.021 mg/kg		0.021	0.070	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Chlorobenzene	<0.0074 mg/kg		0.0074	0.025	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Dibromochloromethane	<0.012 mg/kg		0.012	0.038	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Chloroethane	<0.026 mg/kg		0.026	0.084	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Chloroform	<0.012 mg/kg		0.012	0.038	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Chloromethane	<0.011 mg/kg		0.011	0.034	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
2-Chlorotoluene	<0.016 mg/kg		0.016	0.052	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
4-Chlorotoluene	<0.0074 mg/kg		0.0074	0.023	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2-Dibromo-3-chloropropane	<0.023 mg/kg		0.023	0.078	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2-Dibromoethane	<0.011 mg/kg		0.011	0.036	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Dibromomethane	<0.018 mg/kg		0.018	0.060	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2-Dichlorobenzene	<0.0095 mg/kg		0.0095	0.031	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,3-Dichlorobenzene	<0.013 mg/kg		0.013	0.040	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,4-Dichlorobenzene	<0.0063 mg/kg		0.0063	0.021	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Dichlorodifluoromethane	<0.015 mg/kg		0.015	0.051	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,1-Dichloroethane	<0.0084 mg/kg		0.0084	0.027	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2-Dichloroethane	<0.0074 mg/kg		0.0074	0.025	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,1-Dichloroethene	<0.018 mg/kg		0.018	0.058	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
cis-1,2-Dichloroethene	<0.0084 mg/kg		0.0084	0.027	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
trans-1,2-Dichloroethene	<0.018 mg/kg		0.018	0.059	1.0		7/25/2007	7/27/2007	APG	EPA 8260B

WI DNR Lab Certification Number: 15-7066030  
 DATCP Certification Number: 105-000289  
 LA NELAP Certification Number: 04091



# CTLaboratories

AYRES ASSOCIATES

Contract #: 1452

Project Name: HERNIEL

Folder #: 61,499

Project #:

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CT Lab#:	488562	Sample Description: GP-11 0-2						Sampled: 7/18/2007			
Analyte		Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
1,2-Dichloropropane		<0.0095 mg/kg		0.0095	0.032	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,3-Dichloropropane		<0.0053 mg/kg		0.0053	0.016	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
2,2-Dichloropropane		<0.0095 mg/kg		0.0095	0.032	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,1-Dichloropropene		<0.012 mg/kg		0.012	0.040	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
cis-1,3-Dichloropropene		<0.011 mg/kg		0.011	0.034	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
trans-1,3-Dichloropropene		<0.011 mg/kg		0.011	0.037	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Diisopropyl ether		<0.0063 mg/kg		0.0063	0.022	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Ethylbenzene		<0.0074 mg/kg		0.0074	0.024	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Hexachlorobutadiene		<0.018 mg/kg		0.018	0.059	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
2-Hexanone		<0.095 mg/kg		0.095	0.31	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Isopropylbenzene		<0.014 mg/kg		0.014	0.045	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
p-Isopropyltoluene		<0.0074 mg/kg		0.0074	0.024	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Methyl tert-butyl ether		<0.0095 mg/kg		0.0095	0.032	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
4-Methyl-2-pentanone		<0.084 mg/kg		0.084	0.29	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Methylene chloride		<0.023 mg/kg		0.023	0.076	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Naphthalene		<0.026 mg/kg		0.026	0.089	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
n-Propylbenzene		<0.013 mg/kg		0.013	0.044	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Styrene		<0.0053 mg/kg		0.0053	0.018	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,1,1,2-Tetrachloroethane		<0.0095 mg/kg		0.0095	0.031	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,1,2,2-Tetrachloroethane		<0.013 mg/kg		0.013	0.042	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Tetrachloroethylene		<0.0095 mg/kg		0.0095	0.032	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Tetrahydrofuran		<0.14 mg/kg		0.14	0.45	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Toluene		<0.0095 mg/kg		0.0095	0.033	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2,3-Trichlorobenzene		<0.018 mg/kg		0.018	0.056	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2,4-Trichlorobenzene		<0.013 mg/kg		0.013	0.041	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,1,1-Trichloroethane		<0.013 mg/kg		0.013	0.043	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,1,2-Trichloroethane		<0.021 mg/kg		0.021	0.069	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Trichloroethylene		<0.012 mg/kg		0.012	0.038	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Trichlorofluoromethane		<0.019 mg/kg		0.019	0.061	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2,3-Trichloropropane		<0.014 mg/kg		0.014	0.048	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2,4-Trimethylbenzene		<0.0063 mg/kg		0.0063	0.022	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,3,5-Trimethylbenzene		<0.0074 mg/kg		0.0074	0.025	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Vinyl chloride		<0.0095 mg/kg		0.0095	0.031	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
m & p-Xylene		<0.016 mg/kg		0.016	0.051	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
o-Xylene		<0.014 mg/kg		0.014	0.045	1.0		7/25/2007	7/27/2007	APG	EPA 8260B

WI DNR Lab Certification Number: 15-7066030

DATCP Certification Number: 105-000289

LA NELAP Certification Number: 04091



CT Lab#: 488568		Sample Description: GP-12 0-2						Sampled: 7/18/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
<b>Inorganic Results</b>										
Solids, Percent	94.3 %		N/A	N/A	1.0		7/20/2007	CER	EPA 5030A	
<b>Metals Results</b>										
Arsenic	0.67 mg/kg		0.62 *	2.1	1.0		7/24/2007	7/26/2007	NAH	EPA 6010B
Barium	49.9 mg/kg		0.10	0.33	1.0		7/24/2007	7/26/2007	NAH	EPA 6010B
Cadmium	0.11 mg/kg		0.062 *	0.20	1.0		7/24/2007	7/26/2007	NAH	EPA 6010B
Chromium	8.0 mg/kg		0.42	1.5	1.0		7/24/2007	7/26/2007	NAH	EPA 6010B
Lead	9.1 mg/kg		0.31	1.0	1.0		7/24/2007	7/26/2007	NAH	EPA 6010B
Selenium	2.0 mg/kg		0.62	2.0	1.0		7/24/2007	7/26/2007	NAH	EPA 6010B
Silver	<0.31 mg/kg		0.31	1.1	1.0		7/24/2007	7/26/2007	NAH	EPA 6010B
Mercury	0.017 mg/kg		0.00072	0.0023	1.0		7/28/2007	7/30/2007	NAH	EPA 7471A
<b>Organic Results</b>										
1-Methylnaphthalene	<0.025 mg/kg		0.025	0.078	1.0		7/24/2007	7/26/2007	RED	EPA 8310
2-Methylnaphthalene	<0.027 mg/kg		0.027	0.082	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Acenaphthene	<0.025 mg/kg		0.025	0.081	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Acenaphthylene	<0.033 mg/kg		0.033	0.10	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Anthracene	0.0072 mg/kg		0.0032 *	0.0095	1.0	P	7/24/2007	7/26/2007	RED	EPA 8310
Benzo(a)anthracene	0.10 mg/kg		0.011	0.032	10.0	P	7/24/2007	7/26/2007	RED	EPA 8310
Benzo(a)pyrene	0.0043 mg/kg		0.0032 *	0.0085	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Benzo(b)fluoranthene	0.087 mg/kg		0.0021	0.0064	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Benzo(g,h,i)perylene	<0.0064 mg/kg		0.0064	0.020	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Benzo(k)fluoranthene	0.015 mg/kg		0.0032	0.0085	1.0	P	7/24/2007	7/26/2007	RED	EPA 8310
Chrysene	0.11 mg/kg		0.0032	0.0085	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Dibenzo(a,h)anthracene	<0.0053 mg/kg		0.0053	0.016	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Fluoranthene	0.11 mg/kg		0.0021	0.0042	1.0	P	7/24/2007	7/26/2007	RED	EPA 8310
Fluorene	<0.0064 mg/kg		0.0064	0.019	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Indeno(1,2,3-cd)pyrene	0.0089 mg/kg		0.0032 *	0.0095	1.0	P	7/24/2007	7/26/2007	RED	EPA 8310
Naphthalene	<0.022 mg/kg		0.022	0.068	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Phenanthrene	0.033 mg/kg		0.0032	0.0095	1.0	P	7/24/2007	7/26/2007	RED	EPA 8310
Pyrene	0.17 mg/kg		0.0032	0.0095	1.0	P	7/24/2007	7/26/2007	RED	EPA 8310
Acetone	<0.23 mg/kg		0.23	0.78	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Benzene	<0.0074 mg/kg		0.0074	0.027	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Bromobenzene	<0.0095 mg/kg		0.0095	0.034	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Bromochloromethane	<0.012 mg/kg		0.012	0.038	1.0		7/25/2007	7/27/2007	APG	EPA 8260B

WI DNR Lab Certification Number: 15-7066030  
 DATCP Certification Number: 105-000289  
 LA NELAP Certification Number: 04091



CT Lab#: 488568		Sample Description: GP-12 0-2						Sampled: 7/18/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Bromodichloromethane	<0.0095 mg/kg		0.0095	0.032	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Bromoform	<0.014 mg/kg		0.014	0.046	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Bromomethane	<0.025 mg/kg		0.025	0.085	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
2-Butanone	<0.15 mg/kg		0.15	0.48	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
n-Butylbenzene	<0.0085 mg/kg		0.0085	0.027	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
sec-Butylbenzene	<0.0074 mg/kg		0.0074	0.025	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
tert-Butylbenzene	<0.0085 mg/kg		0.0085	0.030	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Carbon disulfide	<0.032 mg/kg		0.032	0.12	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Carbon tetrachloride	<0.021 mg/kg		0.021	0.070	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Chlorobenzene	<0.0074 mg/kg		0.0074	0.025	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Dibromochloromethane	<0.012 mg/kg		0.012	0.038	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Chloroethane	<0.027 mg/kg		0.027	0.085	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Chloroform	<0.012 mg/kg		0.012	0.038	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Chloromethane	<0.011 mg/kg		0.011	0.034	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
2-Chlorotoluene	<0.016 mg/kg		0.016	0.052	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
4-Chlorotoluene	<0.0074 mg/kg		0.0074	0.023	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2-Dibromo-3-chloropropane	<0.023 mg/kg		0.023	0.078	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2-Dibromoethane	<0.011 mg/kg		0.011	0.036	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Dibromomethane	<0.018 mg/kg		0.018	0.060	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2-Dichlorobenzene	<0.0095 mg/kg		0.0095	0.031	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,3-Dichlorobenzene	<0.013 mg/kg		0.013	0.040	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,4-Dichlorobenzene	<0.0064 mg/kg		0.0064	0.021	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Dichlorodifluoromethane	<0.015 mg/kg		0.015	0.051	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,1-Dichloroethane	<0.0085 mg/kg		0.0085	0.028	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2-Dichloroethane	<0.0074 mg/kg		0.0074	0.025	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,1-Dichloroethene	<0.018 mg/kg		0.018	0.058	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
cis-1,2-Dichloroethene	<0.0085 mg/kg		0.0085	0.028	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
trans-1,2-Dichloroethene	<0.018 mg/kg		0.018	0.059	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2-Dichloropropane	<0.0095 mg/kg		0.0095	0.032	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,3-Dichloropropane	<0.0053 mg/kg		0.0053	0.016	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
2,2-Dichloropropane	<0.0095 mg/kg		0.0095	0.032	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,1-Dichloropropene	<0.012 mg/kg		0.012	0.040	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
cis-1,3-Dichloropropene	<0.011 mg/kg		0.011	0.034	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
trans-1,3-Dichloropropene	<0.011 mg/kg		0.011	0.037	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Diisopropyl ether	<0.0064 mg/kg		0.0064	0.022	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Ethylbenzene	<0.0074 mg/kg		0.0074	0.024	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Hexachlorobutadiene	<0.018 mg/kg		0.018	0.059	1.0		7/25/2007	7/27/2007	APG	EPA 8260B

WI DNR Lab Certification Number: 15-7066030

DATCP Certification Number: 105-000289

LA NELAP Certification Number: 04091



# CT Laboratories

AYRES ASSOCIATES

Contract #: 1452

Project Name: HERNIEL

Folder #: 61,499

Project #:

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CT Lab#: 488568		Sample Description: GP-12 0-2						Sampled: 7/18/2007			
Analyte		Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
2-Hexanone		<0.095 mg/kg		0.095	0.31	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Isopropylbenzene		<0.014 mg/kg		0.014	0.046	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
p-Isopropyltoluene		<0.0074 mg/kg		0.0074	0.024	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Methyl tert-butyl ether		<0.0095 mg/kg		0.0095	0.032	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
4-Methyl-2-pentanone		<0.085 mg/kg		0.085	0.29	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Methylene chloride		<0.023 mg/kg		0.023	0.076	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Naphthalene		<0.027 mg/kg		0.027	0.089	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
n-Propylbenzene		<0.013 mg/kg		0.013	0.045	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Styrene		<0.0053 mg/kg		0.0053	0.018	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,1,1,2-Tetrachloroethane		<0.0095 mg/kg		0.0095	0.031	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,1,2,2-Tetrachloroethane		<0.013 mg/kg		0.013	0.042	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Tetrachloroethene		<0.0095 mg/kg		0.0095	0.032	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Tetrahydrofuran		<0.14 mg/kg		0.14	0.46	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Toluene		<0.0095 mg/kg		0.0095	0.033	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2,3-Trichlorobenzene		<0.018 mg/kg		0.018	0.056	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2,4-Trichlorobenzene		<0.013 mg/kg		0.013	0.041	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,1,1-Trichloroethane		<0.013 mg/kg		0.013	0.043	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,1,2-Trichloroethane		<0.021 mg/kg		0.021	0.069	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Trichloroethene		<0.012 mg/kg		0.012	0.038	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Trichlorofluoromethane		<0.019 mg/kg		0.019	0.062	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2,3-Trichloropropane		<0.014 mg/kg		0.014	0.048	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2,4-Trimethylbenzene		<0.0064 mg/kg		0.0064	0.022	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,3,5-Trimethylbenzene		<0.0074 mg/kg		0.0074	0.025	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Vinyl chloride		<0.0095 mg/kg		0.0095	0.031	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
m & p-Xylene		<0.016 mg/kg		0.016	0.051	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
o-Xylene		<0.014 mg/kg		0.014	0.046	1.0		7/25/2007	7/27/2007	APG	EPA 8260B

CT Lab#: 488569		Sample Description: GP-13 0-2						Sampled: 7/18/2007				
Analyte		Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method	
<b>Inorganic Results</b>												
Solids, Percent		96.7 %		N/A	N/A	1.0			7/20/2007	CER	EPA 5030A	
<b>Metals Results</b>												
Arsenic		1.3 mg/kg		0.62 *	2.1	1.0		7/24/2007	7/26/2007	NAH	EPA 6010B	
Barium		68.0 mg/kg		0.10	0.33	1.0		7/24/2007	7/26/2007	NAH	EPA 6010B	

WI DNR Lab Certification Number: 15-7066030

DATCP Certification Number: 105-000289

LA NELAP Certification Number: 04091



CT Lab#: 488569		Sample Description: GP-13 0-2						Sampled: 7/18/2007			
Analyte		Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Cadmium		0.28 mg/kg		0.062	0.20	1.0		7/24/2007	7/26/2007	NAH	EPA 6010B
Chromium		13.4 mg/kg		0.41	1.4	1.0		7/24/2007	7/26/2007	NAH	EPA 6010B
Lead		8.6 mg/kg		0.31	1.0	1.0		7/24/2007	7/26/2007	NAH	EPA 6010B
Selenium		2.5 mg/kg		0.62	2.0	1.0		7/24/2007	7/26/2007	NAH	EPA 6010B
Silver		<0.31 mg/kg		0.31	1.1	1.0		7/24/2007	7/26/2007	NAH	EPA 6010B
Mercury		0.052 mg/kg		0.00070	0.0023	1.0		7/28/2007	7/30/2007	NAH	EPA 7471A
<b>Organic Results</b>											
1-Methylnaphthalene		<0.025 mg/kg		0.024	0.076	1.0		7/24/2007	7/26/2007	RED	EPA 8310
2-Methylnaphthalene		<0.026 mg/kg		0.026	0.079	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Acenaphthene		<0.025 mg/kg		0.024	0.078	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Acenaphthylene		0.45 mg/kg		0.032	0.098	1.0	P	7/24/2007	7/26/2007	RED	EPA 8310
Anthracene		<0.0031 mg/kg		0.0031	0.0092	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Benzo(a)anthracene		0.014 mg/kg		0.0010	0.0031	1.0	P	7/24/2007	7/26/2007	RED	EPA 8310
Benzo(a)pyrene		0.0039 mg/kg		0.0031 *	0.0082	1.0	P	7/24/2007	7/26/2007	RED	EPA 8310
Benzo(b)fluoranthene		0.017 mg/kg		0.0020	0.0061	1.0	P	7/24/2007	7/26/2007	RED	EPA 8310
Benzo(g,h,i)perylene		<0.0062 mg/kg		0.0061	0.019	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Benzo(k)fluoranthene		0.0050 mg/kg		0.0031 *	0.0082	1.0	P	7/24/2007	7/26/2007	RED	EPA 8310
Chrysene		0.013 mg/kg		0.0031	0.0082	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Dibenzo(a,h)anthracene		<0.0052 mg/kg		0.0051	0.015	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Fluoranthene		0.023 mg/kg		0.0020	0.0041	1.0	P	7/24/2007	7/26/2007	RED	EPA 8310
Fluorene		<0.0062 mg/kg		0.0061	0.018	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Indeno(1,2,3-cd)pyrene		0.0056 mg/kg		0.0031 *	0.0092	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Naphthalene		<0.022 mg/kg		0.021	0.065	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Phenanthrene		0.014 mg/kg		0.0031	0.0092	1.0		7/24/2007	7/26/2007	RED	EPA 8310
Pyrene		0.044 mg/kg		0.0031	0.0092	1.0	P	7/24/2007	7/26/2007	RED	EPA 8310
Acetone		<0.23 mg/kg		0.23	0.76	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Benzene		<0.0072 mg/kg		0.0072	0.026	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Bromobenzene		<0.0093 mg/kg		0.0093	0.033	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Bromoform		<0.011 mg/kg		0.011	0.037	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Bromochloromethane		<0.0093 mg/kg		0.0093	0.031	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Bromodichloromethane		<0.0093 mg/kg		0.0093	0.031	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Bromoform		<0.013 mg/kg		0.013	0.044	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Bromomethane		<0.025 mg/kg		0.025	0.082	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
2-Butanone		<0.14 mg/kg		0.14	0.46	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
n-Butylbenzene		<0.0082 mg/kg		0.0082	0.026	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
sec-Butylbenzene		<0.0072 mg/kg		0.0072	0.025	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
tert-Butylbenzene		<0.0082 mg/kg		0.0082	0.029	1.0		7/25/2007	7/27/2007	APG	EPA 8260B

WI DNR Lab Certification Number: 15-7066030  
 DATCP Certification Number: 105-000289  
 LA NELAP Certification Number: 04091



Analyst	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Carbon disulfide	<0.031 mg/kg		0.031	0.11	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Carbon tetrachloride	<0.021 mg/kg		0.021	0.068	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Chlorobenzene	<0.0072 mg/kg		0.0072	0.025	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Dibromochloromethane	<0.011 mg/kg		0.011	0.037	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Chloroethane	<0.026 mg/kg		0.026	0.082	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Chloroform	<0.011 mg/kg		0.011	0.037	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Chloromethane	<0.010 mg/kg		0.010	0.033	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
2-Chlorotoluene	<0.015 mg/kg		0.015	0.051	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
4-Chlorotoluene	<0.0072 mg/kg		0.0072	0.023	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2-Dibromo-3-chloropropane	<0.023 mg/kg		0.023	0.076	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2-Dibromoethane	<0.010 mg/kg		0.010	0.035	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Dibromomethane	<0.018 mg/kg		0.018	0.059	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2-Dichlorobenzene	<0.0093 mg/kg		0.0093	0.030	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,3-Dichlorobenzene	<0.012 mg/kg		0.012	0.039	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,4-Dichlorobenzene	<0.0062 mg/kg		0.0062	0.021	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Dichlorodifluoromethane	<0.014 mg/kg		0.014	0.049	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,1-Dichloroethane	<0.0082 mg/kg		0.0082	0.027	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2-Dichloroethane	<0.0072 mg/kg		0.0072	0.025	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,1-Dichloroethene	<0.018 mg/kg		0.018	0.057	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
cis-1,2-Dichloroethene	<0.0082 mg/kg		0.0082	0.027	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
trans-1,2-Dichloroethene	<0.018 mg/kg		0.018	0.058	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2-Dichloropropane	<0.0093 mg/kg		0.0093	0.031	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,3-Dichloropropane	<0.0052 mg/kg		0.0052	0.015	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
2,2-Dichloropropane	<0.0093 mg/kg		0.0093	0.031	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,1-Dichloropropene	<0.011 mg/kg		0.011	0.039	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
cis-1,3-Dichloropropene	<0.010 mg/kg		0.010	0.033	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
trans-1,3-Dichloropropene	<0.010 mg/kg		0.010	0.036	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Diisopropyl ether	<0.0062 mg/kg		0.0062	0.022	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Ethylbenzene	<0.0072 mg/kg		0.0072	0.024	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Hexachlorobutadiene	<0.018 mg/kg		0.018	0.058	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
2-Hexanone	<0.093 mg/kg		0.093	0.30	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Isopropylbenzene	<0.013 mg/kg		0.013	0.044	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
p-Isopropyltoluene	<0.0072 mg/kg		0.0072	0.024	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Methyl tert-butyl ether	<0.0093 mg/kg		0.0093	0.031	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
4-Methyl-2-pentanone	<0.082 mg/kg		0.082	0.28	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Methylene chloride	<0.023 mg/kg		0.023	0.074	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Naphthalene	<0.026 mg/kg		0.026	0.087	1.0		7/25/2007	7/27/2007	APG	EPA 8260B

WI DNR Lab Certification Number: 15-7066030  
 DATCP Certification Number: 105-000289  
 LA NELAP Certification Number: 04091



CT Lab#: 488569		Sample Description: GP-13 0-2						Sampled: 7/18/2007			
Analyte		Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
n-Propylbenzene		<0.012 mg/kg		0.012	0.043	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Styrene		<0.0052 mg/kg		0.0052	0.018	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,1,1,2-Tetrachloroethane		<0.0093 mg/kg		0.0093	0.030	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,1,2,2-Tetrachloroethane		<0.012 mg/kg		0.012	0.041	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Tetrachloroethene		<0.0093 mg/kg		0.0093	0.031	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Tetrahydrofuran		<0.13 mg/kg		0.13	0.44	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Toluene		<0.0093 mg/kg		0.0093	0.032	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2,3-Trichlorobenzene		<0.018 mg/kg		0.018	0.055	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2,4-Trichlorobenzene		<0.012 mg/kg		0.012	0.040	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,1,1-Trichloroethane		<0.012 mg/kg		0.012	0.042	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,1,2-Trichloroethane		<0.021 mg/kg		0.021	0.067	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Trichloroethene		<0.011 mg/kg		0.011	0.037	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Trichlorofluoromethane		<0.019 mg/kg		0.019	0.060	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2,3-Trichloropropane		<0.013 mg/kg		0.013	0.046	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2,4-Trimethylbenzene		<0.0062 mg/kg		0.0062	0.022	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,3,5-Trimethylbenzene		<0.0072 mg/kg		0.0072	0.025	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Vinyl chloride		<0.0093 mg/kg		0.0093	0.030	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
m & p-Xylene		<0.015 mg/kg		0.015	0.049	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
o-Xylene		<0.013 mg/kg		0.013	0.044	1.0		7/25/2007	7/27/2007	APG	EPA 8260B

CT Lab#: 488571		Sample Description: MEOH BLANK						Sampled: 7/18/2007			
Analyte		Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
<b>Organic Results</b>											
Acetone		<0.22 mg/kg		0.22	0.74	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Benzene		<0.0070 mg/kg		0.0070	0.025	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Bromobenzene		<0.0090 mg/kg		0.0090	0.032	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Bromochloromethane		<0.011 mg/kg		0.011	0.036	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Bromodichloromethane		<0.0090 mg/kg		0.0090	0.030	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Bromoform		<0.013 mg/kg		0.013	0.043	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Bromomethane		<0.024 mg/kg		0.024	0.080	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
2-Butanone		<0.14 mg/kg		0.14	0.45	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
n-Butylbenzene		<0.0080 mg/kg		0.0080	0.025	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
sec-Butylbenzene		<0.0070 mg/kg		0.0070	0.024	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
tert-Butylbenzene		<0.0080 mg/kg		0.0080	0.028	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Carbon disulfide		<0.030 mg/kg		0.030	0.11	1.0		7/25/2007	7/27/2007	APG	EPA 8260B

WI DNR Lab Certification Number: 15-7066030  
 DATCP Certification Number: 105-000289  
 LA NELAP Certification Number: 04091



CT Lab#: 488571		Sample Description: MEOH BLANK						Sampled: 7/18/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Carbon tetrachloride	<0.020 mg/kg		0.020	0.066	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Chlorobenzene	<0.0070 mg/kg		0.0070	0.024	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Dibromochloromethane	<0.011 mg/kg		0.011	0.036	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Chloroethane	<0.025 mg/kg		0.025	0.080	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Chloroform	<0.011 mg/kg		0.011	0.036	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Chloromethane	<0.010 mg/kg		0.010	0.032	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
2-Chlorotoluene	<0.015 mg/kg		0.015	0.049	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
4-Chlorotoluene	<0.0070 mg/kg		0.0070	0.022	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2-Dibromo-3-chloropropane	<0.022 mg/kg		0.022	0.074	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2-Dibromoethane	<0.010 mg/kg		0.010	0.034	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Dibromomethane	<0.017 mg/kg		0.017	0.057	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2-Dichlorobenzene	<0.0090 mg/kg		0.0090	0.029	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,3-Dichlorobenzene	<0.012 mg/kg		0.012	0.038	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,4-Dichlorobenzene	<0.0060 mg/kg		0.0060	0.020	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Dichlorodifluoromethane	<0.014 mg/kg		0.014	0.048	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,1-Dichloroethane	<0.0080 mg/kg		0.0080	0.026	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2-Dichloroethane	<0.0070 mg/kg		0.0070	0.024	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,1-Dichloroethene	<0.017 mg/kg		0.017	0.055	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
cis-1,2-Dichloroethene	<0.0080 mg/kg		0.0080	0.026	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
trans-1,2-Dichloroethene	<0.017 mg/kg		0.017	0.056	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2-Dichloropropane	<0.0090 mg/kg		0.0090	0.030	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,3-Dichloropropane	<0.0050 mg/kg		0.0050	0.015	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
2,2-Dichloropropane	<0.0090 mg/kg		0.0090	0.030	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,1-Dichloropropene	<0.011 mg/kg		0.011	0.038	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
cis-1,3-Dichloropropene	<0.010 mg/kg		0.010	0.032	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
trans-1,3-Dichloropropene	<0.010 mg/kg		0.010	0.035	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Diisopropyl ether	<0.0060 mg/kg		0.0060	0.021	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Ethylbenzene	<0.0070 mg/kg		0.0070	0.023	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Hexachlorobutadiene	<0.017 mg/kg		0.017	0.056	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
2-Hexanone	<0.090 mg/kg		0.090	0.29	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Isopropylbenzene	<0.013 mg/kg		0.013	0.043	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
p-Isopropyltoluene	<0.0070 mg/kg		0.0070	0.023	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Methyl tert-butyl ether	<0.0090 mg/kg		0.0090	0.030	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
4-Methyl-2-pentanone	<0.080 mg/kg		0.080	0.27	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Methylene chloride	<0.022 mg/kg		0.022	0.072	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Naphthalene	<0.025 mg/kg		0.025	0.084	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
n-Propylbenzene	<0.012 mg/kg		0.012	0.042	1.0		7/25/2007	7/27/2007	APG	EPA 8260B

WI DNR Lab Certification Number: 15-7066030  
 DATCP Certification Number: 105-000289  
 LA NELAP Certification Number: 04091



# CTLaboratories

AYRES ASSOCIATES

Project Name: HERNIEL

Project #:

Contract #: 1452

Folder #: 61,499

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CT Lab#: 488571		Sample Description: MEOH BLANK						Sampled: 7/18/2007		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date	Analysis Date	Analyst	Method
Styrene	<0.0050 mg/kg		0.0050	0.017	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,1,1,2-Tetrachloroethane	<0.0090 mg/kg		0.0090	0.029	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,1,2,2-Tetrachloroethane	<0.012 mg/kg		0.012	0.040	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Tetrachloroethene	<0.0090 mg/kg		0.0090	0.030	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Tetrahydrofuran	<0.13 mg/kg		0.13	0.43	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Toluene	0.017 mg/kg		0.0090 *	0.031	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2,3-Trichlorobenzene	<0.017 mg/kg		0.017	0.053	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2,4-Trichlorobenzene	<0.012 mg/kg		0.012	0.039	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,1,1-Trichloroethane	<0.012 mg/kg		0.012	0.041	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,1,2-Trichloroethane	<0.020 mg/kg		0.020	0.065	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Trichloroethene	<0.011 mg/kg		0.011	0.036	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Trichlorofluoromethane	<0.018 mg/kg		0.018	0.058	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2,3-Trichloropropane	<0.013 mg/kg		0.013	0.045	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,2,4-Trimethylbenzene	<0.0060 mg/kg		0.0060	0.021	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
1,3,5-Trimethylbenzene	<0.0070 mg/kg		0.0070	0.024	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
Vinyl chloride	<0.0090 mg/kg		0.0090	0.029	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
m & p-Xylene	<0.015 mg/kg		0.015	0.048	1.0		7/25/2007	7/27/2007	APG	EPA 8260B
o-Xylene	<0.013 mg/kg		0.013	0.043	1.0		7/25/2007	7/27/2007	APG	EPA 8260B

WI DNR Lab Certification Number: 15-7066030  
 DATCP Certification Number: 105-000289  
 LA NELAP Certification Number: 04091



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**Notes regarding entire Chain of Custody:**

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Notes: \* Indicates Value in between LOD and LOQ.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

This report satisfies the requirements of your project but has not been prepared to comply with NELAP reporting requirements.

*[Signature]*  
Submitted by: \_\_\_\_\_

Eric T. Korthals  
Project Manager  
608-356-2760

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**QC Qualifiers****Code    Description**

- A Analyte averaged calibration criteria within acceptable limits.
- B Analyte detected in associated Method Blank.
- C Toxicity present in BOD sample.
- D Diluted Out.
- E Safe, No Total Coliform detected.
- F Unsafe, Total Coliform detected, no E. Coli detected.
- G Unsafe, Total Coliform detected and E. Coli detected.
- H Holding time exceeded.
- J Estimated value.
- L Significant peaks were detected outside the chromatographic window.
- M Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
- N Insufficient BOD oxygen depletion.
- O Complete BOD oxygen depletion.
- P Concentration of analyte differs more than 40% between primary and confirmation analysis.
- Q Laboratory Control Sample outside acceptance limits.
- R See Narrative at end of report.
- S Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
- T Sample received with improper preservation or temperature.
- V Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
- W Sample amount received was below program minimum.
- X Analyte exceeded calibration range.
- Y Replicate/Duplicate precision outside acceptance limits.
- Z Calibration criteria exceeded.

# CHAIN OF CUSTODY RECORD

PROJECT NO.		PROJECT NAME/CLIENT <i>Herniel</i>			NO. OF JARS	DRO (MDNR)	GRO (MDNR)	PVOC (EPA 8020)	GRO/PVOC	VOC (EPA 8021)	PAH	2CRA (ethyl)	
LAB ID	SAMPLE NO.	COLLECTION DATE	TIME	PRESERVE TYPE		SAMPLE MATRIX							
GP-0	7/18	<i>HCl</i>	<i>Water</i>	3				X					
GP-1	7/18	<i>HCl</i>	<i>Water</i>	3				X					
Trip Blank				1				X					
GA10-2	7/18	<i>Methyl</i>	<i>Soil</i>	3				X X Y					
GA12-2	7/18	<i>Methyl</i>	<i>Soil</i>	3				X X X					
GA13-2	7/18	<i>M. OH</i>	<i>Soil</i>	3				X X X					
MeOH/DL				1				X X X					
RELINQUISHED BY: (Signature) <i>Thomas Pankratz</i>	DATE/TIME 7/19 /	RECEIVED BY: (Signature) <i>D. B.</i>	RELINQUISHED BY: (Signature)	DATE/TIME /	RECEIVED BY: (Signature)								
RELINQUISHED BY: (Signature)	DATE/TIME /	RECEIVED FOR LABORATORY BY: (Signature)	DATE/TIME /	MAKE INVOICE TO: NAME: <i>Ayres Associates</i> ADDRESS: _____ CITY/STATE: _____									
METHOD OF SHIPMENT:	DROP OFF	LAB COURIER	OTHER:										

SEND RESULTS AND C.O.C. TO: (NAME) \_\_\_\_\_



Owen Ayres & Associates, Inc.  
 Engineers / Photogrammetrists / Scientists / Surveyors  
 1802 Pankratz Street, Madison, WI 53704-4069  
 (608) 443-1200 Fax No. (608) 443-1250

REMARKS:  
 Please FAX executed C.O.C. upon receipt to (608) 443-1250