FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL

February 11, 2015

Kristin DuFresne
Hydrogeologist
GREEN BAY SERVICE CENTER
2984 Shawano Avenue
Green Bay, WI 54313-6727

Subject: Revised Remedial Action Plan
Former One Hour Martinizing (OHM) Main Street Property, 1923 Main Street, Green Bay, WI
WDNR BRRTS # 02-05-217276

Dear Kristin:

Fehr Graham proposes to conduct a remedial excavation with subsequent soil sampling and two quarters of post-excavation groundwater monitoring at the above referenced property. The purpose of this letter is to summarize findings from additional sampling completed at the site in 2012 after award of the Remedial Action to Alpha Terra Science (now Fehr Graham), and to present the slightly revised Remedial Action Plan (RAP) and cost estimate. Approval of the revised budget is needed prior to implementation to maintain DERF coverage of charges.

Site History

The former OHM Main Street facility is located on the north side of Main Street at 1923 Main Street. The property is irregularly shaped and consists of approximately 1.2 acres. The former trapezoidal building was slab on grade in a vacant small strip mall that formerly contained four stores with various businesses.

The property history is not fully known, but based on information from previous reports; a structure was built in approximately 1960, with expansions to the west in the mid 60's to 1970's. The drycleaner was always present on the western end of the building, and operated from 1979 to 2008. A dry-cleaning machine was present approximately 20 feet east of the west wall along the eastern edge of the dry-cleaning store space.

The dry-cleaning machine has been removed and the building has been razed. Former dry-cleaning operations utilized tetrachloroethene (PCE).

Soil samples were obtained in 1999, and a release to the environment was reported to the Wisconsin Department of Natural Resources (WDNR). Due to the presence of contamination, a site investigation was required to determine the degree and extent of contamination in the soil and groundwater.

The site investigation was completed primarily by STS, Inc. Green Bay, WI, with borings and wells installed from 1999 to 2001. Groundwater sampling occurred at the ten well monitoring network through 2007, including off-site wells to the west and south. In October 2010, an additional round of groundwater samples and two soil borings were advanced to evaluate more recent conditions. The results have been compiled in reports that have been previously submitted to the WDNR.

As part of the remedial action that was won by competitive bid by Alpha Terra Science (now Fehr-Graham), soil borings and an additional round of groundwater samples were obtained in December 2012.

The above-grade structures of the building were demolished by the owner in 2013, and the building concrete floor and footings remain intact.

Hydrogeology

Information from the Former OHM Main Street site investigation indicate the depth to water is approximately four to seven feet below grade (Table 1) and occurs in silty sand fill that extends to approximately five feet. Underlying native soils consist of sandy silt to silty clay. The groundwater flow direction is west (Figure 1). The wells typically bail dry and are relatively slow to recover, and the calculated horizontal advective groundwater velocity is very low, less than one foot per year. Vertical hydraulic gradients are downward.

The geologic deposits are mapped as glaciolacustrine deposits[1], the depth to bedrock is mapped as being between 50 and 100 feet below grade[2], and the bedrock is dolomite[3].

Soil and Groundwater Contamination Summary

Soil Contamination

In an effort to delineate the historic soil contamination on the property, Alpha Terra Science, Inc. (now Fehr-Graham) collected 27 soil samples from 12 soil borings (B-10 to B-21) located within and outside the former building in December 2012. Groundwater samples from the ten site wells were also obtained in December 2012.

Soil chemistry results indicate relatively low concentrations of PCE are present in soil as there are no PCE concentrations that exceed the non-industrial direct contact Residual Contaminant Level (RCL) (Table 2). However, the PCE in soil presents a risk for leaching to groundwater at many locations on the property. Per WDNR, the generic concentration of PCE that can be present in soil and leach contaminants to the groundwater at levels above the NR 140 standards is only 4.54 micrograms per kilogram (ug/kg), which is the groundwater pathway soil RCL.

The most contaminated soil sample was obtained from boring HA-1, located under the floor of the building immediately west of the dry cleaning machine. In 1999, the soil at this location contained approximately 4,100 ug/kg PCE in soil from depths of approximately 1.5 to 2.5 feet

[1] Hadley, D. W. , and Pelham, J.H., 1976, Glacial Deposits of Wisconsin, WGNHS Map 10
[2] Trotta, L.C., and Cotter, R. D., 1973, "Depth to Bedrock in Wisconsin", WGNHS Map
[3] Mudrey, et. al., 1982, Bedrock Geologic Map of Wisconsin, WGNHS Map

below grade. In 2010, follow up soil samples were obtained from this location (HA-1R), with a detection of approximately 410 ug/kg PCE in soil from a depth of 3.5 to 4 feet below grade. The depth to water at this location is likely between 3 and 5 feet below grade.
The highest detection of PCE in soil outside the building is from boring B-16, located just to the east of MW-3, which has the most contaminated groundwater levels at the site. The soil at this location contained approximately 2,320 ug/kg PCE in soil from depths of approximately 4 to 4.5 feet below grade. Soil at MW-3 contained 122 ug/kg PCE at a depth of 3 to 5 feet, so the extent of elevated PCE is not widespread. The depth to water at this location is approximately 5 feet below grade.

The soil chemistry results are attached on Table 2 and Figure 2. The laboratory analytical report is included in Appendix A.

Groundwater Contamination

The most recent groundwater samples from December 2012 indicate elevated PCE and TCE concentrations are present at levels above the NR140 Enforcement Standard (ES) at two locations, MW-1 and MW-3 (Table 3, Figure 3). The vertical and horizontal extent of contamination has been defined based on groundwater chemistry results from further downgradient and deeper wells.

At monitoring well MW-1, the PCE concentrations have decreased to 6.5 ug/l in the most recent sample, from the initial June 1999 results of 71.9 ug/l. (Appendix B).

At monitoring well MW-3, the PCE and trichloroethene (TCE) concentrations are increasing over time, and are much higher (PCE – 13,700 ug/l and TCE – 1,500 ug/l) in the most recent samples. The initial sample results from June 1999 contained no detectable TCE and PCE concentrations of 2,600 ug/l (Appendix B). The increasing groundwater concentrations indicates active source removal remediation is needed at this site.

Degradation of PCE to TCE and cis 1,2-dichloroethene has historically been observed in groundwater from MW-3. The high PCE/TCE concentrations at MW-3 are likely related to a nearby source.

The laboratory analytical report is included in Appendix A.

Proposed Revised Remedial Action Plan and Scope of Work

The previously approved remedial action included excavation and landfill disposal of soil from the site. At the time of the remedial action bids in 2012, two areas were planned for excavation and an estimated volume of 540 tons of soil was assumed, based on the available information at that time. Disposal tipping fees, hauling and excavation / backfill rates were estimated pending completion of additional soil borings to define the extent of contamination more thoroughly, and were then expected to be competitively bid using the updated soil chemistry information.

Based on the completed borings and more recent groundwater chemistry information, the revised proposed soil excavation will be from four areas to a depth of six feet, with a total estimated quantity of 600 tons of soil to be removed and landfilled. The proposed excavation limits are shown on Figure 4.

It is not economically practical to excavate all soil from the site that exceeds the groundwater RCL. The planned excavation is intended to remove the most contaminated soil from the site, with an overall objective to demonstrate stable or improving groundwater chemistry results over time following the excavation. An approximate soil RCL goal for the site is 200 ug/kg PCE, but this standard may not be met at all locations.

The proposed excavation includes an area of soil surrounding monitoring well MW-3, which is the most contaminated groundwater location on the property. Well MW-3 will be entirely removed in the excavation, and a sump will be installed as a replacement monitoring point in the backfill near MW-3 to a depth of approximately 15 feet below grade.

A detailed cost estimate for the revised RAP is shown on Table 4. The tasks that remain to be completed from the previously outlined remedial action are summarized below.

Task 3: Data Evaluation and Excavation Specifications, Bidding, Landfill Approval

The soil chemistry results have been tabulated, mapped, and interpreted in this submittal.

Figure 4 presents a drawing showing the proposed "hot-spot" excavation areas. Field and laboratory results indicate most of the soil contamination mass resides within the upper 6 feet of soil within the proposed excavation areas, which would result in the removal of approximately 600 tons of PCE contaminated soil. Fehr Graham has estimated the volume of soil and excavation / landfill / backfill costs based on estimated dimensions and soil densities, and the actual tonnage of soil to be removed may vary based on actual soil density.

To obtain competitive remedial action cost estimates, a bid specification was completed and sent to excavation contractors for bidding. Landfill pricing and disposal approval was pursued from two potential landfill facilities, Waste Management in Whitelaw, and Advanced Disposal in Hilbert.

Task 4: Excavation and Landfill Disposal, Backfill

As indicated previously, upon receipt of bids, a contractor will be selected, and the remedial excavation work will be completed. At this time, we have received competitive bids and have identified a contractor to perform the work.

Based on the historic groundwater chemistry results, there have been no detections of VOCs in groundwater from wells MW-2, MW-4, MW-5, MW-6, MW-8, and MW-9. These wells will be properly abandoned per WDNR procedures prior to the excavation.

The soil will be dug and hauled to the landfill. A concrete saw will be used by the Contractor for cutting and removing the concrete and asphalt from the four excavation areas prior to excavation activities. The concrete from the immediate area near the dry-cleaning machine (approximately 10–foot x 10-foot area) will be broken up into 6-inch pieces (or smaller) and included with the landfilled material. The remaining concrete floor from the building and the building footings, along with the exterior asphalt, can be handled as clean concrete/asphalt for recycling purposes.

It is understood that utilities have already been capped and properly decommissioned as required by code. Screening of soil around encountered private utility lines within the

excavation areas will be performed in the field using a Photo-Ionization Detector (PID) to evaluate if utility lines may have provided a conduit for contaminant migration.

To the extent possible, previous soil chemistry results will be used to document the remaining in place soil chemistry concentrations. An estimated 15 additional soil samples will be retained during the remedial excavation to document the final soil chemistry results from the excavation walls. A field PID will be used to help screen soils during the excavation. Floor samples will not be retained, as the floor will be below the water table surface, and the samples would not be representative of soil chemistry results. Fehr Graham staff will sample the sidewalls for VOCs (Figure 4).

The excavation is expected to extend slightly below the water table interface, and it is not clear how much water may enter the excavation during digging. If water ponds in the base of the excavation, some water removal may be needed prior to backfilling. An estimated 2,000 gallons of water removal has been included in the estimated cost.

Monitoring well MW-3 will be entirely removed during the excavation and replaced with a 4-inch diameter schedule 40 PVC sump. The replacement sump will be installed near MW-3 in a test pit within "Excavation B" dug to a depth of roughly 15 feet (10-foot screen) during remedial excavation activities. The proposed MW-3 sump will be installed in the backfill for groundwater monitoring purposes.

Backfill will consist of bank run sand and gravel granular fill. Compaction will be performed in one-foot lifts using a rolling vibratory compactor if no compaction testing is required.

If requested, in order to confirm the adequacy of compaction of the backfill materials, a Proctor test will be performed on the proposed fill materials prior to backfilling. The established Proctor density of the fill will then be used in conjunction with field densities established via density testing to determine compaction levels being achieved. If compaction testing verification is necessary due to pending construction plans, the backfill will consist of bank run sand and gravel granular fill, and compaction will be performed in one-foot lifts using a rolling vibratory compactor. Compaction testing will be required after each lift at each of the four excavation areas, per standard construction practices.

The top foot of backfill will include a different material, such as traffic bond or quarry screenings, to provide a hard, drivable traffic surface. It may be advisable to use coarse stone in the top foot to provide a media suitable for potential future vapor mitigation efforts. The need for specific engineered fill will depend on the planned final use of the proposed excavation areas, and will need to be discussed further with the owner prior to implementation.

Since the final site surface is not known at this time, we have budgeted for backfill with granular fill and one foot of traffic bond to the ground surface, and included a contingency for compaction testing and alternate types of fill

<u>Task 5: Post-Excavation Groundwater Monitoring</u>

Approximately six months and twelve months after excavation, Fehr Graham staff will monitor the groundwater chemistry of the remaining four monitoring wells (MW-1, PZ-1,

replacement sump at MW-3, MW-7) for VOCs. Sampling will be performed using standard sample procedures, with individually dedicated bailers for sampling.

Task 6: Data Evaluation and Documentation Report

Upon completion of the excavation activities and the first post-excavation groundwater sampling event, a brief summary report will be sent to the WDNR that documents the completed actions. The report will include details regarding the excavation, backfill, well abandonments, and will summarize laboratory analytical results.

Discussions will be held with the WDNR regarding the results and whether case closure can be pursued. It is anticipated the report will conclude that the next sample event be completed in six months, and if those results appear favorable, closure could be considered.

Task 7: Data Evaluation and Groundwater Monitoring Status Report

Following the second post-excavation groundwater sampling event, a brief status report will be sent via e-mail to the WDNR. The laboratory analytical reports will be sent via hard copy for the files. The report will include updated data tables and figures, and a brief summary of the findings. If closure appears warranted, it will be prepared under Task 8. If additional groundwater samples appear necessary, an estimate of additional costs for necessary tasks will be provided prior to implementation.

Task 8: Data Evaluation and Closure Request, GIS Packet

Once the source areas of residual soil contamination have been removed, and groundwater contaminant levels are stable or declining, it will be possible to obtain case closure. Completely clean soil and groundwater is not the remedial objective, but source removal, combined with demonstrated stable or declining contaminant concentrations at the source and downgradient from the site should allow the site to undergo case closure with no further remediation or testing requirements. A Geographic Information System (GIS) listing for residual soil and groundwater contamination will likely be necessary for this site.

If the contamination is not limited to one property, a notification letter will be sent to off-site property owners where groundwater contamination is present, per WDNR requirements. The City of Green Bay will be notified of potential contamination in the right of way, if warranted.

Fees charged by the WDNR for review of the closure request and placement on the GIS registry for the property are not eligible for reimbursement under DERF. In addition, fees charged to obtain copies of deeds for the closure packet are not reimbursable expenses. These anticipated charges are identified on Table 4.

Upon completion, the closure report will be sent to the WDNR, and conditional closure will be provided, contingent on abandonment of the remaining monitoring wells.

Task 9: Well Abandonment

Following receipt of conditional closure from the WDNR, the monitoring wells can be abandoned. The remaining four wells will be abandoned per the requirements of NR141, and

Fehr Graham will send the well abandonment forms to the WDNR for documentation of proper abandonment.

Task 10: Dry Cleaner Environmental Response Fund (DERF) Claims

Periodically during the project, claims for reimbursement of funds from the DERF program will be prepared. The claim submittal charges are not an eligible expense, but the work is an essential part of the project. To keep out of pocket, ineligible charges to a minimum, Fehr Graham will prepare DERF claims using a discounted hourly rate for time required to complete a claim. Typical claim preparation charges total less than $500 per claim.

Task 11: (If Needed) Vapor Mitigation System

No vapor results have been obtained from the site. The building has been demolished, and testing for vapors is not necessary, as there are no structures present on the property.

When a new end user is identified and construction plans are developed, it will likely be prudent to install a subslab vapor mitigation system beneath any occupied structures located over or near the remaining known soil or groundwater contamination.

Cost for design, installation, and initial monitoring of a subslab vapor system should be eligible for reimbursement under DERF. When a final end user has been identified and construction plans are available, a scope of work and cost estimate for vapor mitigation will be prepared and sent to the DNR for approval.

Schedule

The anticipated project schedule is estimated below. The schedule will also depend on the length of time for agency review, laboratory turnaround, and other factors.

Activity	**Estimated Start**	**Duration**	**Comments**
Bid Soil Remedial Excavation	January 2015	1 month	
Review and Approval of Revised Remedial Action Plan and Change Order Costs	February 2015	1 month	WDNR needs to approve scope and change order costs, Client Needs to Approve and Execute Contract with Fehr Graham
Soil Excavation, Partial Well Abandon	February or March 2015	3 – 4 days	
DERF Claim	April 2015		Begin process to get reimbursement for large remedial action expenses – payment will take more than one year

			at current claim payout rates
Post-Excavation Groundwater Sample	September 2015	1 Day	Wait 3 weeks for lab results
RA Doc Report with Initial Post-Excavation GW Chemistry	October 2015		See if Closure possible
Post-Excavation GW Sample Event Two	March 2016	1 Day	Wait 3 weeks for lab results
Status Report	April 2016		
Closure Request / GIS Packet	May 2016 or earlier?		DERF DNR Fees are Ineligible Charges
Final Well Abandonment	July 2016		
Final DERF Claim	August 2016		

DERF Program

The site is in the DERF program, and thus far, Fehr Graham and other subcontractors have invoiced approximately $17,676.08 in expenses on this project (through November 30, 2014), versus the previously approved total DERF remedial action budget of $71,728.10. We are requesting an additional $13,191 of budget approval to cover necessary costs, including $5,641 in contractor charges, and $7,550 in consultant charges. Additional charges are necessary to cover extra consultant/contactor services during frost conditions, including additional tonnage of contaminated soil to be removed, additional costs to cover actual contractor bid rates for work in 2015 versus the unit estimates from the RA bid proposal from 2012, and contingency costs for items such as compaction testing, alternative backfill methods, use of silt fence for runoff control, and other items. Details are provided in the Change Order that is attached for your review and approval (Table 4).

Additional consultant charges are related to necessary additional project management activities, bidding the landfill and excavation / backfill work, data evaluation, updating the RAP, preparing revisions to the excavation specifications obtaining compaction testing bids, associated drafting, added time for site oversight of the excavation during frost conditions and overall management that has been necessary due to the project extending longer than originally anticipated.

Fehr Graham will comply with the DERF program requirements, and will not charge for items that are clearly ineligible, such as travel, mileage, food, mobilization, and accommodations.

Discussions should be held with the WDNR DERF program auditor and the WDNR project manager regarding the eligibility of the slight charge for compaction verification testing, if needed. While necessary for construction, it may not be necessary from a remediation standpoint, and might be considered an ineligible item.

The DERF program has previously indicated up to $15,000 of demolition costs can be considered eligible for reimbursement if the demolition is performed to access contamination

as part of a remedial action. This site did perform building demolition to access this underlying contamination, and we should discuss with the WDNR the potential for recovery of $15,000 of the demolition charges on the next DERF claim.

Please feel free to contact me at (920) 892-2444 if you have any questions or comments. I look forward to hearing from you.

Sincerely,

Matt Dahlem, P.G.
Senior Project Hydrogeologist

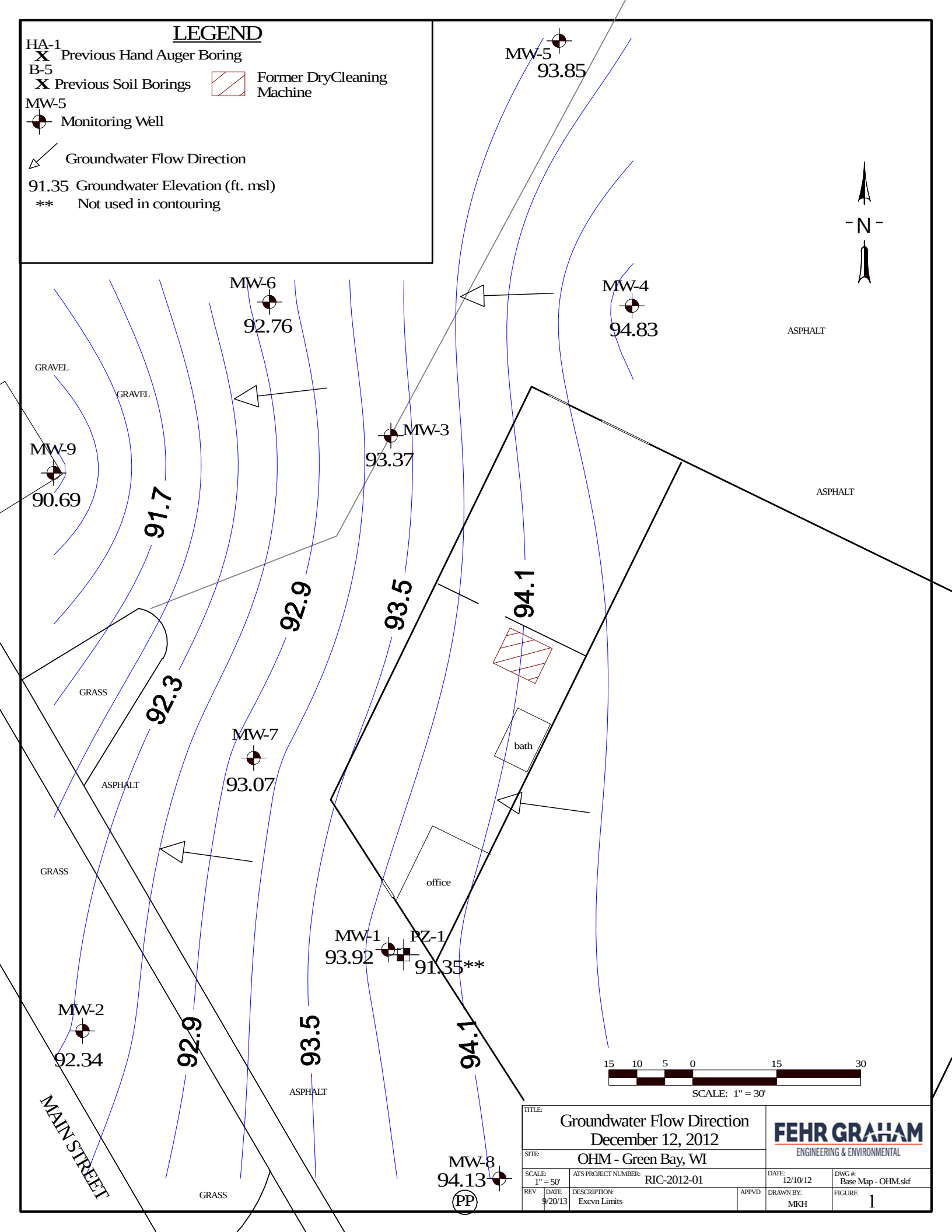
Kendrick Ebbott, P.G.
Branch Manager

Attachments:

	Figure 1	Groundwater Flow Direction – December 12, 2012
	Figure 2	Pre-Remedial Soil Contamination – PCE Isoconcentration
	Figure 3	Groundwater Chemistry – December 12, 2012
	Figure 4	Proposed Remedial Excavation
	Table 1	Groundwater Elevation Data
	Table 2	Pre-Remedial Soil Analytical Table
	Table 3	Groundwater Analytical Results
	Table 4	Change Order Costs
	Appendix A	Laboratory Analytical Report
	Appendix B	Groundwater Contaminant Trend Analysis

cc: Timothy F. Maertz, AIA, RMA Architects, Inc, via email

Figures


LEGEND
HA-1 Previous Hand Auger Boring
B-5 Previous Soil Borings
Former DryCleaning Machine
MW-5 Monitoring Well
Groundwater Flow Direction
91.35 Groundwater Elevation (ft. msl)
** Not used in contouring
N
MW-5
93.85
MW-6
92.76
MW-4
94.83
MW-3
93.37
MW-9
90.69
MW-7
93.07
MW-1
93.92
PZ-1
91.35**
MW-2
92.34
MW-8
94.13
PP
91.7
92.9
93.5
94.1
92.3
92.9
93.5
94.1
GRAVEL
GRAVEL
ASPHALT
ASPHALT
GRASS
ASPHALT
GRASS
GRASS
ASPHALT
bath
office
MAIN STREET
15 10 5 0 15 30
SCALE: 1" = 30'
TITLE: Groundwater Flow Direction December 12, 2012
SITE: OHM - Green Bay, WI
SCALE: 1" = 50'
AT'S PROJECT NUMBER: RIC-2012-01
DATE: 12/10/12
DWG #: Base Map - OHM.skf
REV
DATE: 9/20/13
DESCRIPTION: Excvn Limits
APPVD
DRAWN BY: MKH
FIGURE 1
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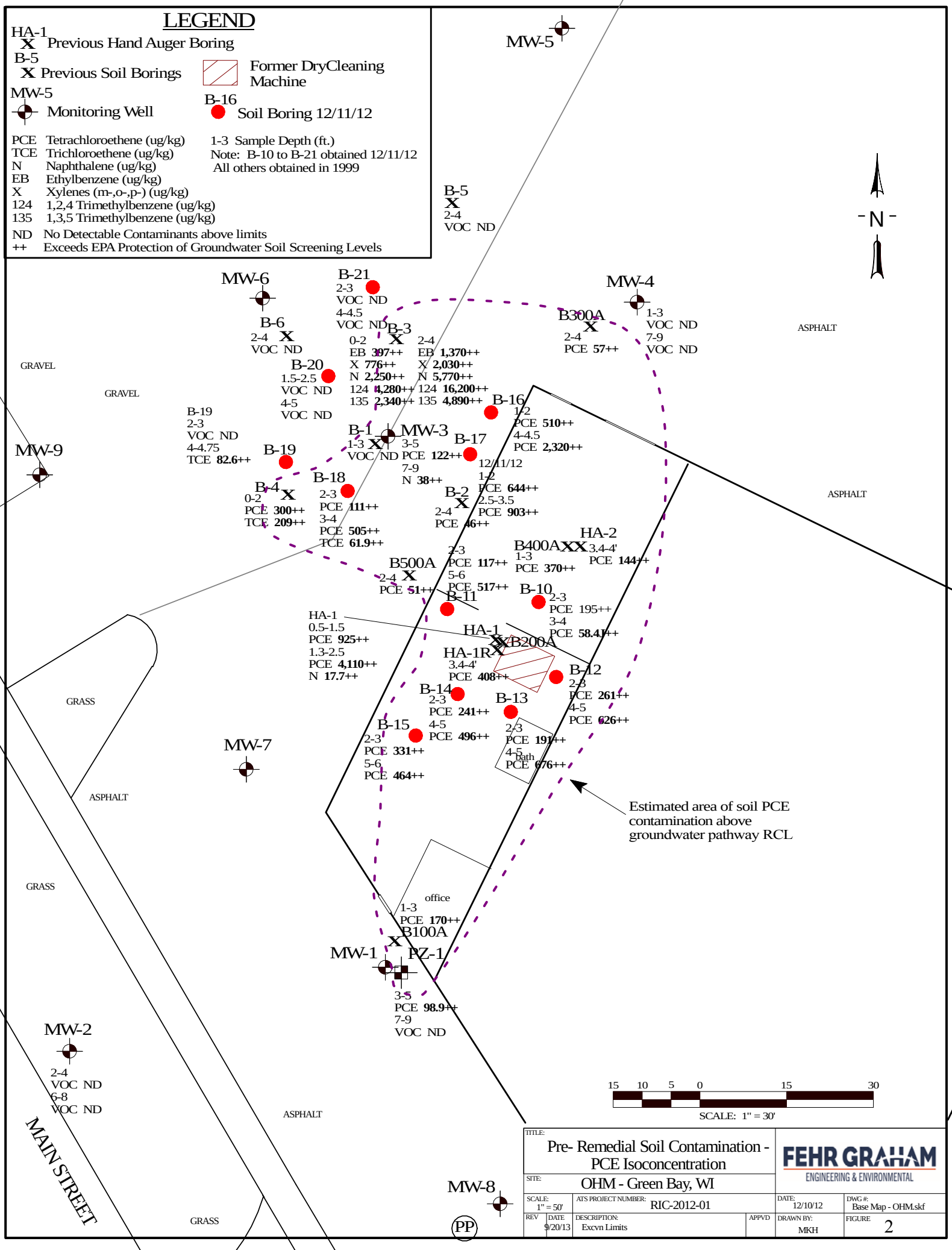
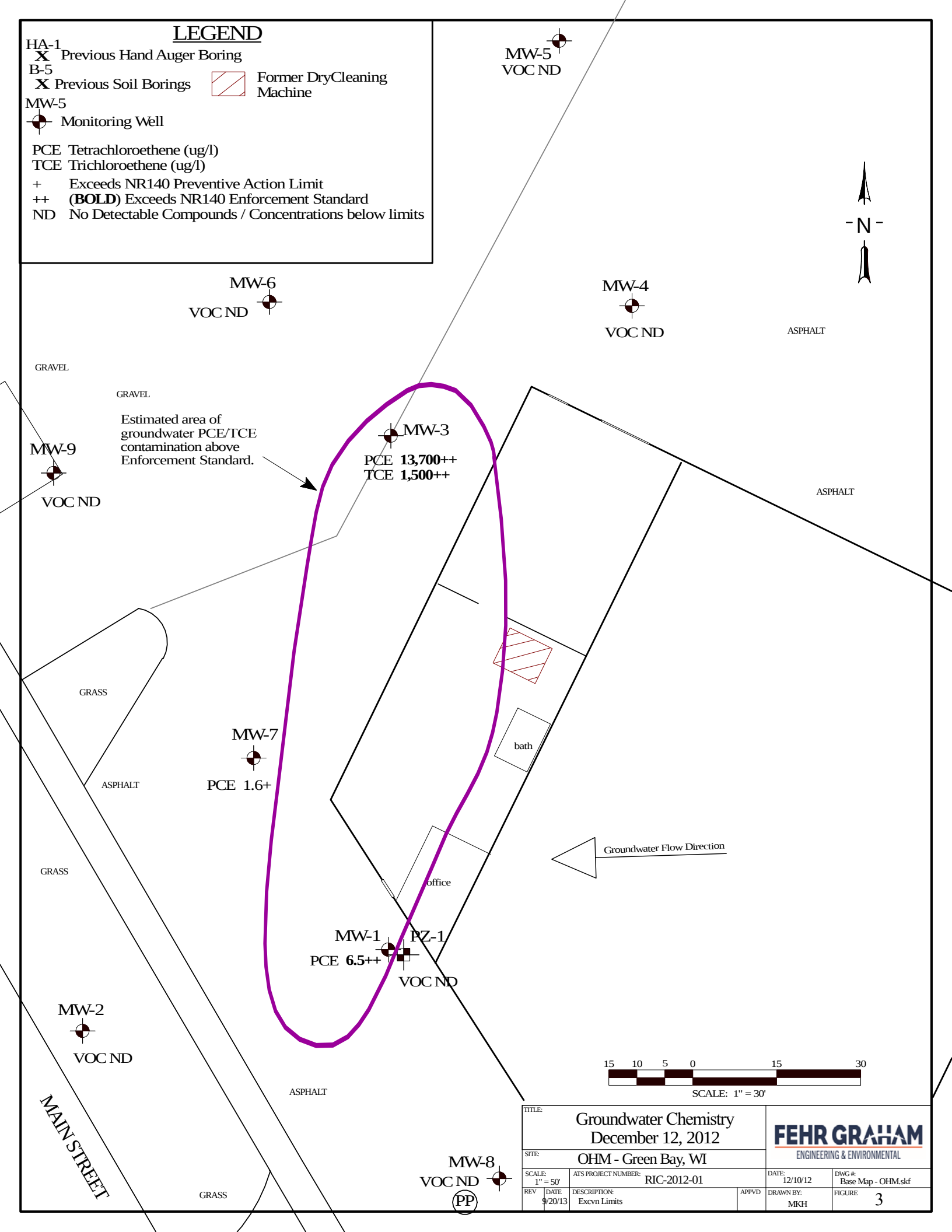

LEGEND
HA-1 X Previous Hand Auger Boring
B-5 X Previous Soil Borings
MW-5 Monitoring Well
Former DryCleaning Machine
B-16 Soil Boring 12/11/12
PCE Tetrachloroethene (ug/kg)
TCE Trichloroethene (ug/kg)
N Naphthalene (ug/kg)
EB Ethylbenzene (ug/kg)
X Xylenes (m-,o-,p-) (ug/kg)
124 1,2,4 Trimethylbenzene (ug/kg)
135 1,3,5 Trimethylbenzene (ug/kg)
ND No Detectable Contaminants above limits
++ Exceeds EPA Protection of Groundwater Soil Screening Levels
1-3 Sample Depth (ft.)
Note: B-10 to B-21 obtained 12/11/12
All others obtained in 1999
N
MW-5
B-5 X 2-4 VOC ND
MW-6
B-21 2-3 VOC ND 4-4.5 VOC ND
B-6 2-4 X VOC ND
B-3 X 0-2 EB 397++ X 776++ N 2,250++ 124 4,280++ 135 2,340++ 2-4 EB 1,370++ X 2,030++ N 5,770++ 124 16,200++ 135 4,890++
MW-4
B300A X 2-4 PCE 57++
1-3 VOC ND 7-9 VOC ND
B-20 1.5-2.5 VOC ND 4-5 VOC ND
B-19 2-3 VOC ND 4-4.75 TCE 82.6++
B-16 1-2 PCE 510++ 4-4.5 PCE 2,320++
B-1 X 1-3 VOC ND
MW-3 3-5 PCE 122++ 7-9 N 38++
B-17 12/11/12 1-2 PCE 644++ 2.5-3.5 PCE 903++
B-19
B-18 2-3 PCE 111++ 3-4 PCE 505++ TCE 61.9++
B-4 X 0-2 PCE 300++ TCE 209++
B-2 X 2-4 PCE 46++
MW-9
B400A X 1-3 PCE 370++
HA-2 3.4-4' PCE 144++
B500A X 2-4 PCE 51++
2-3 PCE 117++ 5-6 PCE 517++
B-10 2-3 PCE 195++ 3-4 PCE 58.4++
B-11
HA-1 0.5-1.5 PCE 925++ 1.3-2.5 PCE 4,110++ N 17.7++
HA-1 X
B200A
HA-1R X 3.4-4' PCE 408++
B-12 2-3 PCE 261++ 4-5 PCE 626++
B-14 2-3 PCE 241++ 4-5 PCE 496++
B-13 2-3 PCE 191++ 4-5 bath PCE 676++
B-15 2-3 PCE 331++ 5-6 PCE 464++
MW-7
Estimated area of soil PCE contamination above groundwater pathway RCL
office 1-3 PCE 170++
B100A X
MW-1
PZ-1
3-5 PCE 98.9++ 7-9 VOC ND
MW-2 2-4 VOC ND 6-8 VOC ND
MW-8
PP
GRAVEL
ASPHALT
GRASS
MAIN STREET
15 10 5 0 15 30
SCALE: 1" = 30'
TITLE: Pre- Remedial Soil Contamination - PCE Isoconcentration
SITE: OHM - Green Bay, WI
SCALE: 1" = 50'
AT'S PROJECT NUMBER: RIC-2012-01
DATE: 12/10/12
DWG #: Base Map - OHM.skf
REV DATE 9/20/13 DESCRIPTION: Excvn Limits APPVD
DRAWN BY: MKH
FIGURE 2
FEHR GRAHAM ENGINEERING & ENVIRONMENTAL


LEGEND
HA-1
Previous Hand Auger Boring
B-5
Previous Soil Borings
Former DryCleaning Machine
MW-5
Monitoring Well
PCE Tetrachloroethene (ug/l)
TCE Trichloroethene (ug/l)
+ Exceeds NR140 Preventive Action Limit
++ (BOLD) Exceeds NR140 Enforcement Standard
ND No Detectable Compounds / Concentrations below limits
MW-5
VOC ND
N
MW-6
VOC ND
MW-4
VOC ND
ASPHALT
GRAVEL
GRAVEL
Estimated area of groundwater PCE/TCE contamination above Enforcement Standard.
MW-3
PCE 13,700++
TCE 1,500++
MW-9
VOC ND
ASPHALT
GRASS
MW-7
PCE 1.6+
ASPHALT
bath
Groundwater Flow Direction
GRASS
office
MW-1
PZ-1
PCE 6.5++
VOC ND
MW-2
VOC ND
ASPHALT
MAIN STREET
GRASS
MW-8
VOC ND
PP
15 10 5 0 15 30
SCALE: 1" = 30'
TITLE: Groundwater Chemistry December 12, 2012
SITE: OHM - Green Bay, WI
SCALE: 1" = 50'
AT'S PROJECT NUMBER: RIC-2012-01
DATE: 12/10/12
DWG #: Base Map - OHM.skf
REV
DATE: 9/20/13
DESCRIPTION: Excvn Limits
APPVD
DRAWN BY: MKH
FIGURE 3
FEHR GRAHAM
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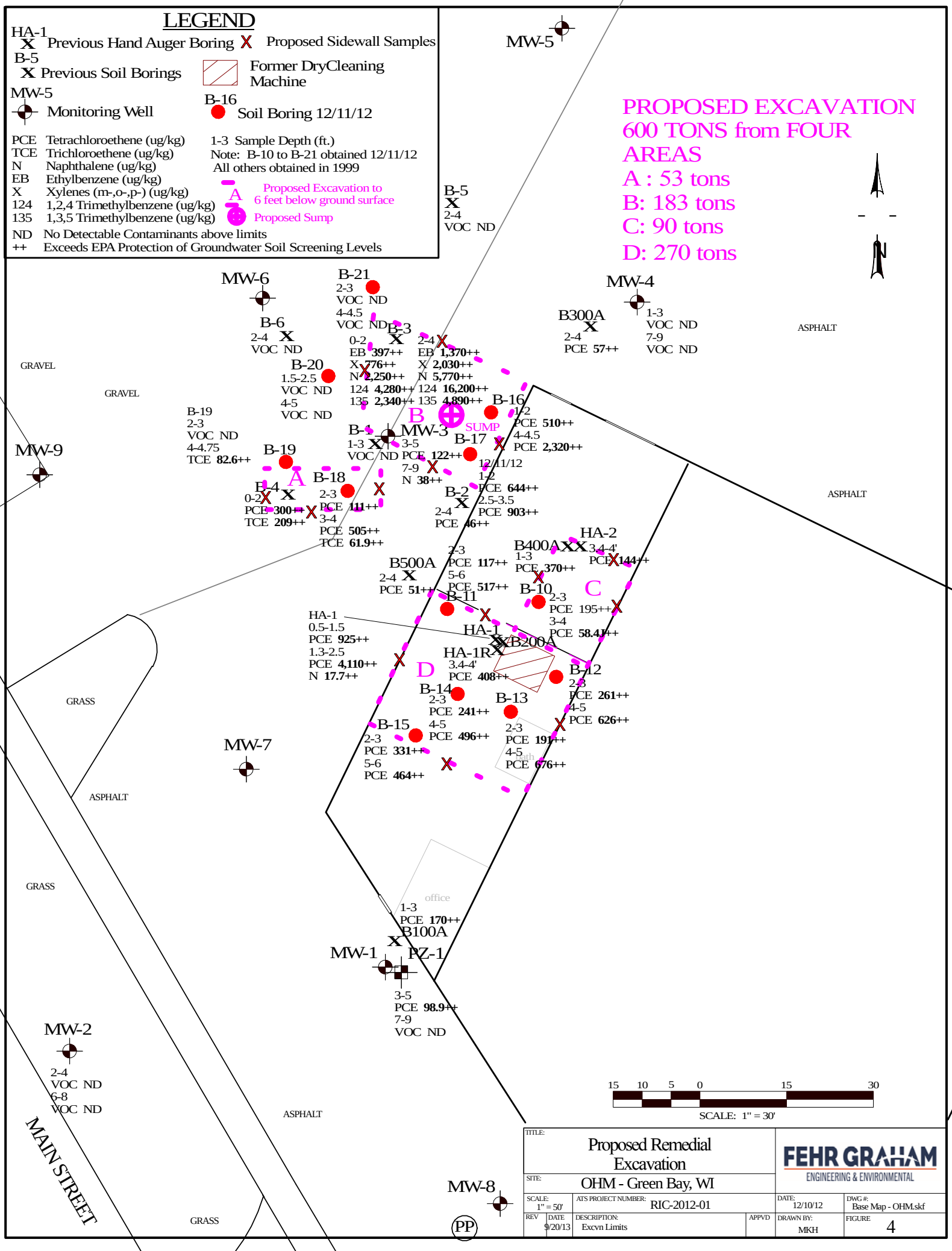
LEGEND
HA-1 Previous Hand Auger Boring
Proposed Sidewall Samples
B-5 Previous Soil Borings
Former DryCleaning Machine
MW-5 Monitoring Well
B-16 Soil Boring 12/11/12
PCE Tetrachloroethene (ug/kg)
TCE Trichloroethene (ug/kg)
N Naphthalene (ug/kg)
EB Ethylbenzene (ug/kg)
X Xylenes (m-,o-,p-) (ug/kg)
124 1,2,4 Trimethylbenzene (ug/kg)
135 1,3,5 Trimethylbenzene (ug/kg)
ND No Detectable Contaminants above limits
++ Exceeds EPA Protection of Groundwater Soil Screening Levels
1-3 Sample Depth (ft.)
Note: B-10 to B-21 obtained 12/11/12
All others obtained in 1999
A Proposed Excavation to 6 feet below ground surface
Proposed Sump
PROPOSED EXCAVATION
600 TONS from FOUR AREAS
A : 53 tons
B: 183 tons
C: 90 tons
D: 270 tons
N
MW-5
B-5
2-4
VOC ND
MW-6
B-21
2-3
VOC ND
4-4.5
VOC ND
B-6
2-4
VOC ND
B-3
0-2
EB 397++
X 776++
N 2,250++
124 4,280++
135 2,340++
2-4
EB 1,370++
X 2,030++
N 5,770++
124 16,200++
135 4,890++
B-20
1.5-2.5
VOC ND
4-5
VOC ND
B-19
2-3
VOC ND
4-4.75
TCE 82.6++
B-16
1-2
PCE 510++
4-4.5
PCE 2,320++
B
SUMP
MW-4
B300A
2-4
PCE 57++
1-3
VOC ND
7-9
VOC ND
ASPHALT
GRAVEL
GRAVEL
MW-9
B-1
1-3
VOC ND
MW-3
3-5
PCE 122++
7-9
N 38++
B-17
12/11/12
1-2
PCE 644++
2.5-3.5
PCE 903++
B-19
A
B-18
2-3
PCE 111++
3-4
PCE 505++
TCE 61.9++
B-4
0-2
PCE 300++
TCE 209++
B-2
2-4
PCE 46++
ASPHALT
HA-2
3.4-4'
PCE 144++
B400A
1-3
PCE 370++
2-3
PCE 117++
5-6
PCE 517++
B500A
2-4
PCE 51++
B-10
2-3
PCE 195++
3-4
PCE 58.4++
C
B-11
HA-1
0.5-1.5
PCE 925++
1.3-2.5
PCE 4,110++
N 17.7++
HA-1R
3.4-4'
PCE 408++
B200A
D
B-12
2-3
PCE 261++
4-5
PCE 626++
B-14
2-3
PCE 241++
4-5
PCE 496++
B-13
2-3
PCE 191++
4-5
PCE 676++
B-15
2-3
PCE 331++
5-6
PCE 464++
GRASS
MW-7
ASPHALT
office
1-3
PCE 170++
B100A
MW-1
PZ-1
3-5
PCE 98.9++
7-9
VOC ND
GRASS
MW-2
2-4
VOC ND
6-8
VOC ND
ASPHALT
MAIN STREET
GRASS
MW-8
PP
15 10 5 0 15 30
SCALE: 1" = 30'
TITLE: Proposed Remedial Excavation
SITE: OHM - Green Bay, WI
SCALE: 1" = 50'
AT'S PROJECT NUMBER: RIC-2012-01
DATE: 12/10/12
DWG #: Base Map - OHM.skf
REV
DATE
DESCRIPTION:
APPVD
9/20/13 Excvn Limits
DRAWN BY: MKH
FIGURE 4
FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL

Tables

TABLE 1
GROUNDWATER ELEVATION DATA
One Hour Martinizing Dry Cleaning Facility 1923 Main St., Green Bay, WI

Well Identification	PZ-1	MW-1	MW-2	MW-3	MW-4
Top of Casing Elevation (ft MSL)	99.15	98.61	98.31	98.29	99.27
Stickup (ft)	-0.36	-0.40	-0.32	-0.42	-0.44
Total Depth (ft below TOC)	22.86	13.40	13.32	13.42	12.94
Screened Interval (ft bgs)	17-22	3-13	3-13	3-13	2.5-12.5

Well Identification	MW-5	MW-6	MW-7	MW-8	MW-9
Top of Casing Elevation (ft MSL)	98.92	97.65	97.83	98.91	97.43
Stickup (ft)	-0.27	-0.28	-0.30	-0.38	-0.34
Total Depth (ft below TOC)	13.27	12.78	12.80	13.38	13.84
Screened Interval (ft bgs)	3-13	2.5-12.5	2.5-12.5	3-13	3.5-13.5

NOTE: All Wells are Flush Mounted

	PZ-1		MW-1		MW-2	
Sample Date	Depth to Water (ft below PVC Lip)	GW Elev. (ft msl)	Depth to Water (ft below PVC Lip)	GW Elev. (ft msl)	Depth to Water (ft below PVC Lip)	GW Elev. (ft msl)
6/8/1999	12.64	86.51	4.83	93.78	4.81	93.50
1/3/2000	6.90	92.25	6.61	92.00	6.78	91.53
4/22/2004	5.20	93.95	3.98	94.63	4.76	93.55
7/22/2004	5.16	93.99	4.05	94.56	5.02	93.29
10/27/2004	5.92	93.23	5.07	93.54	5.65	92.66
1/25/2005	6.90	92.25	5.84	92.77	6.67	91.64
10/31/2006	5.07	94.08	4.10	94.51	4.91	93.40
4/30/2007	4.89	94.26	3.43	95.18	4.43	93.88
10/15/2010	5.29	93.86	3.98	94.63	4.80	93.51
12/12/2012	7.80	91.35	4.69	93.92	5.97	92.34

	MW-3		MW-4		MW-5	
Sample Date	Depth to Water (ft below PVC Lip)	GW Elev. (ft msl)	Depth to Water (ft below PVC Lip)	GW Elev. (ft msl)	Depth to Water (ft below PVC Lip)	GW Elev. (ft msl)
6/8/1999	2.65	95.64	2.84	96.43	No Data	
1/3/2000	4.94	93.35	5.25	94.02	4.83	94.09
4/22/2004	2.57	95.72	2.55	96.72	2.13	96.79
7/22/2004	2.78	95.51	No Data		No Data	
10/27/2004	3.74	94.55	4.08	95.19	3.64	95.28
1/25/2005	5.10	93.19	No Data		No Data	
10/31/2006	3.06	95.23	3.35	95.92	3.06	95.86
4/30/2007	2.21	96.08	No Data		No Data	
10/15/2010	3.19	95.10	3.28	95.99	2.96	95.96
12/12/2012	4.92	93.37	4.44	94.83	5.07	93.85

	MW-6		MW-7		MW-8	
Sample Date	Depth to Water (ft below PVC Lip)	GW Elev. (ft msl)	Depth to Water (ft below PVC Lip)	GW Elev. (ft msl)	Depth to Water (ft below PVC Lip)	GW Elev. (ft msl)
6/8/1999	No Data		No Data		No Data	
1/3/2000	4.94	92.71	6.61	91.22	6.41	92.50
4/22/2004	2.60	95.05	3.71	94.12	4.03	94.88
7/22/2004	No Data		No Data		No Data	
10/27/2004	3.74	93.91	4.91	92.92	5.26	93.65
1/25/2005	No Data		No Data		No Data	
10/31/2006	3.38	94.27	4.11	93.72	4.07	94.84
4/30/2007	No Data		No Data		No Data	
10/15/2010	3.39	94.26	4.19	93.64	3.89	95.02
12/12/2012	4.89	92.76	4.76	93.07	4.78	94.13

	MW-9	
Sample Date	Depth to Water (ft below PVC Lip)	GW Elev. (ft msl)
6/8/1999	No Data	
1/3/2000	No Data	
4/22/2004	4.31	93.12
7/22/2004	No Data	
10/27/2004	5.24	92.19
1/25/2005	No Data	
10/31/2006	4.00	93.43
4/30/2007	No Data	
10/15/2010	6.03	91.40
12/12/2012	6.74	90.69

TABLE 2 Pre-Remedial Soil Analytical Table
SELECT VOC PARAMETERS AND TOTAL ORGANIC CARBON
One Hour Martinizing Dry Cleaning Facility 1923 Main St., Green Bay, WI

			PETROLEUM COMPOUNDS (PVOCs)										DRYCLEANING SOLVENTS AND DEGRADATION PRODUCTS					
Sample ID	Depth feet	PID Reading (su)	Benzene (ug/kg)	Ethyl benzene (ug/kg)	Toluene (ug/kg)	m&p-Xylenes (ug/kg)	o-Xylene (ug/kg)	Total Xylenes (ug/kg)	Naphthalene (ug/kg)	1,2,4-TMB (ug/kg)	1,3,5-TMB (ug/kg)	Methylene Chloride (ug/kg)	**PCE** (ug/kg)	TCE (ug/kg)	cis-1,2 DCE (ug/kg)	trans-1,2 DCE (ug/kg)	Vinyl Chloride (ug/kg)	Total Organic Carbon (mg/kg)
Soil RCLs																		
Non-Industrial Direct Contact RCL			**1,490**	**7,470**	**818,000**	**778,000**	**434,000**	**1,212,000**	**5,150**	**89,800**	**182,000**	**60,700**	**30,700**	**644**	**156,000**	**211,000**	**67.1**	---
Groundwater Pathway RCL			*5.12*	*1,570*	*1,110*	*NS*	*NS*	*NS*	*659*	*1,380*	*1,380*	*2.56*	*4.54*	*3.58*	*41.2*	*58.8*	*0.138*	---
EPA Protection of Groundwater Soil Screening Levels																		
EPA Risk Based SSL			0.2	1.5	590	---	---	190	0.47	21	120	2.5	4.4	0.16	8.2	25	0.0053	---
EPA MCL Based SSL			2.6	780	690	---	---	980	---	---	---	1.3	2.3	1.8	21	29	0.67	---
Northern Environmental: March 23, 1999																		
B100A	1.0-3.0	NA	<25	<25	<25	---	---	<75	<25	<25	<25	NA	*170*	NA	NA	NA	NA	NA
B300A	2.0-4.0	NA	<25	<25	<25	---	---	<75	<25	<25	<25	NA	*57*	NA	NA	NA	NA	NA
B400A	1.0-3.0	NA	<25	<25	<25	---	---	<75	<25	<25	<25	NA	*370*	NA	NA	NA	NA	NA
B500A	2.0-4.0	NA	<25	<25	<25	---	---	<25	<25	<25	<25	NA	*51*	NA	NA	NA	NA	NA
STS Consultants Soil Borings 1999																		
PZ-1	3.0-5.0	NA	<12.8	<13.2	<7.5	---	---	<38.8	<5.59	<31.6	<23.6	<17.3	*98.9*	<14.5	NA	NA	NA	NA
PZ-1	7.0-9.0	NA	<13.1	<13.6	<7.69	---	---	<39.8	<5.73	<32.4	<24.2	<17.8	<23.5	<14.8	NA	NA	NA	NA
MW-2	2.0-4.0	NA	<11.5	<11.9	<6.74	---	---	<34.9	<5.03	<28.4	<21.2	<15.6	<20.6	<13.0	NA	NA	NA	NA
MW-2	6.0-8.0	NA	<13.8	<14.2	<8.07	---	---	<41.9	<6.02	<34	<25.4	<18.6	<24.7	<15.6	NA	NA	NA	NA
MW-3	3.0-5.0	NA	<12.7	<13.1	<7.41	---	---	<38.4	<5.52	<31.3	<23.3	*74.9*	*122*	<14.3	NA	NA	NA	NA
MW-3	7.0-9.0	NA	<12.6	<19.0	<7.36	---	---	<38.1	38	<31.1	<23.2	<17.0	<22.5	<14.2	NA	NA	NA	NA
MW-4	1.0-3.0	NA	<11.8	<12.2	<6.93	---	---	<35.9	<5.17	<29.2	<21.2	<16.0	<21.2	<13.4	NA	NA	NA	NA
MW-4	7.0-9.0	NA	<12.0	<12.3	<7.0	---	---	<36.2	<5.22	<22	<5.22	<16.2	<21.4	<13.5	NA	NA	NA	NA
MW-6	0.0-2.0	NA	NA	NA	NA	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36400
MW-7	0.0-2.0	NA	NA	NA	NA	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24700
HA-1	0.5-1.5	NA	<11.0	<11.3	<6.41	---	---	<33.3	5.99J	<27.1	<20.2	<14.8	*925*	<12.4	NA	NA	NA	NA
HA-1	1.5-2.5	NA	<12.1	<12.5	<7.07	---	---	16.6P	17.7	<29.8	<22.2	<16.3	*4,110*	*31.4J*	NA	NA	NA	NA
B-1	0.0-2.0	NA	<11	<11	<6.5	---	---	<23	<32	<27	<20	<47	<20	<13	NA	NA	NA	NA
B-2	2.0-4.0	NA	<11	<12	<6.7	---	---	<24	<33	<28	<21	<48	*46J*	<13	NA	NA	NA	NA
B-3	0.0-2.0	NA	<58	397	<34	---	---	776	*2,250*	*4,280*	*2,340*	<245	<103	<65	NA	NA	NA	NA
B-3	2.0-4.0	NA	<127	1,370	<74	---	---	2,030	**5,770**	*16,200*	*4,890*	<538	<228	<144	NA	NA	NA	NA
B-4	0.0-2.0	NA	<11	<12	<6.6	---	---	<24	<32	<28	<21	<48	*300*	*209*	NA	NA	NA	NA
B-5	0.0-2.0	NA	<12	<12	<7.0	---	---	<25	<34	<29	<22	<50	<21	<13	NA	NA	NA	NA
B-6	0.0-2.0	NA	<10	<11	<6.1	---	---	<22	<30	<26	<19	<44	<19	<12	NA	NA	NA	NA
ATS SOIL BORINGS: December 12, 2012																		
B10	2-3	0.0	<25.0	<25.0	<25.0	---	---	<75.0	<25.0	<25.0	<25.0	*50.3J*	*195*	<25.0	<25.0	<25.0	<25.0	NA
B10	3-4	0.0	<25.0	<25.0	<25.0	---	---	<75.0	<25.0	<25.0	<25.0	*43.7J*	*58.4J*	<25.0	<25.0	<25.0	<25.0	NA
B11	2-3	0.0	<25.0	<25.0	<25.0	---	---	<75.0	<25.0	<25.0	<25.0	*73*	*117*	<25.0	<25.0	<25.0	<25.0	NA
B11	3-4	0.0	NA	NA	NA	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7,165
B11	5-6	0.0	<25.0	<25.0	<25.0	---	---	<75.0	<25.0	<25.0	<25.0	*75.6*	*517*	<25.0	<25.0	<25.0	<25.0	NA
B12	2-3	0.0	<25.0	<25.0	<25.0	---	---	<75.0	<25.0	<25.0	<25.0	*47.3J*	*261*	<25.0	<25.0	<25.0	<25.0	NA
B12	4-5	0.0	<25.0	<25.0	<25.0	---	---	<75.0	<25.0	<25.0	<25.0	*55.6J*	*626*	<25.0	<25.0	<25.0	<25.0	NA
B12	3.5-4	0.0	NA	NA	NA	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4,240
B13	2-3	0.0	<25.0	<25.0	<25.0	---	---	<75.0	<25.0	<25.0	<25.0	*61.0J*	*191*	<25.0	<25.0	<25.0	<25.0	NA
B13	4-5	0.0	<25.0	<25.0	<25.0	---	---	<75.0	<25.0	<25.0	<25.0	*66.5J*	*676*	<25.0	<25.0	<25.0	<25.0	NA
B14	2-3	0.0	<25.0	<25.0	<25.0	---	---	<75.0	<25.0	<25.0	<25.0	*49.5J*	*241*	<25.0	<25.0	<25.0	<25.0	NA
B14	4-5	0.0	<25.0	<25.0	<25.0	---	---	<75.0	<25.0	<25.0	<25.0	*59.2J*	*496*	<25.0	<25.0	<25.0	<25.0	NA
B15	2-3	0.0	<25.0	<25.0	<25.0	---	---	<75.0	<25.0	<25.0	<25.0	*61.5J*	*331*	<25.0	<25.0	<25.0	<25.0	NA
B15	5-6	0.0	<25.0	<25.0	<25.0	---	---	<75.0	<25.0	<25.0	<25.0	*61.2J*	*464*	<25.0	<25.0	<25.0	<25.0	NA
B16	2-3	0.0	<25.0	<25.0	<25.0	---	---	<75.0	<25.0	<25.0	<25.0	*51.6J*	*510*	<25.0	<25.0	<25.0	<25.0	NA
B16	4-4.5	0.0	<25.0	<25.0	<25.0	---	---	<75.0	<25.0	<25.0	<25.0	*41.1J*	*2,320*	<25.0	<25.0	<25.0	<25.0	NA
B17	1-2	0.0	<25.0	<25.0	<25.0	---	---	<75.0	<25.0	<25.0	<25.0	*42.2J*	*644*	<25.0	<25.0	<25.0	<25.0	NA
B17	2.5-3.5	0.0	<25.0	<25.0	<25.0	---	---	<75.0	<25.0	<25.0	<25.0	*37.1J*	*903*	<25.0	<25.0	<25.0	<25.0	5,220
B18	2-3	0.0	<25.0	<25.0	<25.0	---	---	<75.0	<25.0	<25.0	<25.0	*31.0J*	*111*	<25.0	<25.0	<25.0	<25.0	NA
B18	3-4	0.0	<25.0	<25.0	<25.0	---	---	<75.0	<25.0	<25.0	<25.0	<25.0	*505*	*61.9J*	<25.0	<25.0	<25.0	NA
B19	2-3	0.0	<25.0	<25.0	<25.0	---	---	<75.0	<25.0	<25.0	<25.0	*29.2J*	<25.0	<25.0	<25.0	<25.0	<25.0	NA
B19	4-4.75	0.0	<25.0	<25.0	<25.0	---	---	<75.0	<25.0	<25.0	<25.0	<25.0	*53.5J*	*82.6*	<25.0	<25.0	<25.0	NA
B20	1.5-2.5	0.0	<25.0	<25.0	<25.0	---	---	<75.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NA
B20	4-5	0.0	<25.0	<25.0	<25.0	---	---	<75.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NA
B20	4-4.5	0.0	NA	NA	NA	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,785
B21	2-3	0.0	<25.0	<25.0	<25.0	---	---	<75.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NA
B21	4-4.5	0.0	<25.0	<25.0	<25.0	---	---	<75.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NA
AVERAGE TOTAL ORGANIC CARBON																		13251.7

Notes:

EPA Protection of Groundwater Soil Screening Levels based off EPA Contaminant Summary May 2013
BOLD Exceeds Non-Industrial Direct Contact RCL
Italics Exceeds Groundwater Pathway RCL
J - concentration detected between the laboratory limit of detection and the limit of quantitation
Only PCE detected in groundwater above NR 140 standards despite several compounds present above the EPA Protection of Groundwater Soil Screening Levels for groundwater
MCL - Maximum Contaminant Level
SSL - Soil Screening Level
RCL - Residual Contaminant Level
Groundwater quality (> NR 140 ES) may be affected when GW RCLs are exceeded.

TABLE 3 GROUNDWATER ANALYTICAL RESULTS

SELECTED VOC PARAMETERS

One Hour Martenizing Dry Cleaning Facility, 1923 Main St., Green Bay, WI

		PETROLEUM VOCs						DRYCLEANING SOLVENT AND DEGRADATION PRODUCTS				
Sample ID	Sample Date	Benzene (ug/l)	Ethyl benzene (ug/l)	Toluene (ug/l)	Xylenes (ug/l)	Naphthalene (ug/l)	Sum of TMB (ug/l)	PCE (ug/l)	TCE (ug/l)	cis 1,2 DCE (ug/l)	trans 1,2 DCE	VC (ug/l)
NR 140.10 PAL		**0.5**	140	160	400	10	96	**0.5**	**0.5**	7	20	**0.02**
NR 140.10 ES		**5**	700	800	2,000	100	480	**5**	5	70	100	**0.2**
STS Consultants												
HA-1	6/8/1999	<0.94	<0.97	<0.55	<2.85	<0.41	<4.05	**84.7**	*1.79P*	<0.93	NR	<0.70
MW-1	6/17/1999	<0.19	<0.19	0.14P	<0.57	<0.08	<0.81	**71.9**	0.29P	<0.19	NR	<0.14
MW-1	1/3/2000	<0.19	<0.19	<0.11	<0.39	<0.082	<0.81	**20**	<0.21	<0.19	NR	<0.14
MW-1	4/22/2004	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	**16**	<0.48	<0.83	NR	<0.18
MW-1	7/22/2004	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	**21**	<0.48	<0.83	NR	<0.18
MW-1	10/28/2004	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	**22**	*0.52*	<0.83	NR	<0.18
MW-1	1/25/2005	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	**17**	*0.60*	<0.83	NR	<0.18
MW-1	10/31/2006	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	**16**	<0.48	<0.83	NR	<0.18
MW-1	4/30/2007	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	**16**	<0.48	<0.83	NR	<0.18
MW-1	10/15/2010	<0.41	<0.54	<0.67	<2.63	<0.89	<1.80	**19.9**	<0.48	<0.83	NR	<0.18
MW-1 Dup	10/15/2010	<0.41	<0.54	<0.67	<2.63	<0.89	<1.80	**17**	<0.48	<0.83	NR	<0.18
MW-1	12/12/2012	<0.41	<0.54	<0.67	<2.63	<0.89	<1.80	**6.5**	<0.48	<0.83	<0.89	<0.18
PZ-1	6/17/1999	<0.19	<0.19	<0.11	<0.57	<0.08	<0.81	<0.34	<0.21	<0.19	NR	<0.14
PZ-1	1/3/2000	<0.19	<0.19	<0.11	<0.39	<0.082	<0.81	<0.34	<0.21	<0.19	NR	<0.14
PZ-1	4/22/2004	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	<0.45	<0.48	<0.83	NR	<0.18
PZ-1	7/22/2004	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	<0.45	<0.48	<0.83	NR	<0.18
PZ-1	10/28/2004	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	*4.8*	*0.56*	<0.83	NR	<0.18
PZ-1	1/25/2005	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	**15**	*1.1*	<0.83	NR	<0.18
PZ-1	10/31/2006	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	<0.45	<0.48	<0.83	NR	<0.18
PZ-1	4/30/2007	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	<0.45	<0.48	<0.83	NR	<0.18
PZ-1	10/15/2010	<0.41	<0.54	<0.67	<2.63	<0.89	<1.80	<0.45	<0.48	<0.83	NR	<0.18
PZ-1	12/12/2012	<0.41	<0.54	<0.67	<2.63	<0.89	<1.80	<0.45	<0.48	<0.83	<0.89	<0.18

TABLE 3 GROUNDWATER ANALYTICAL RESULTS

SELECTED VOC PARAMETERS

One Hour Martenizing Dry Cleaning Facility, 1923 Main St., Green Bay, WI

		PETROLEUM VOCs						**DRYCLEANING SOLVENT AND DEGRADATION PRODUCTS**				
Sample ID	Sample Date	Benzene (ug/l)	Ethyl benzene (ug/l)	Toluene (ug/l)	Xylenes (ug/l)	Naphthalene (ug/l)	Sum of TMB (ug/l)	PCE (ug/l)	TCE (ug/l)	cis 1,2 DCE (ug/l)	trans 1,2 DCE	VC (ug/l)
NR 140.10 PAL		**0.5**	140	160	400	10	96	**0.5**	**0.5**	7	20	**0.02**
NR 140.10 ES		**5**	700	800	2,000	100	480	**5**	5	70	100	**0.2**
MW-2	6/17/1999	<0.19	<0.19	<0.11	<0.57	<0.08	<0.81	<0.34	<0.21	<0.19	NR	<0.14
MW-2	1/3/2000	<0.19	<0.19	<0.11	<0.39	<0.082	<0.81	<0.34	<0.21	<0.19	NR	<0.14
MW-2	4/22/2004	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	<0.45	<0.48	<0.83	NR	<0.18
MW-2	7/22/2004	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	<0.45	<0.48	<0.83	NR	<0.18
MW-2	10/28/2004	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	**9.8**	*0.8*	<0.83	NR	<0.18
MW-2	1/25/2005	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	**15**	*1.2*	<0.83	NR	<0.18
MW-2	10/31/2006	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	<0.45	<0.48	<0.83	NR	<0.18
MW-2	4/30/2007	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	<0.45	<0.48	<0.83	NR	<0.18
MW-2	10/15/2010	<0.41	<0.54	<0.67	<2.63	<0.89	<1.80	<0.48	<0.48	<0.83	NR	<0.18
MW-2	12/12/2012	<0.41	<0.54	1.6	<2.63	<0.89	<1.80	<0.45	<0.48	<0.83	<0.89	<0.18
MW-3	6/17/1999	<31.3	<32.3	<18.3	<95	<13.7	<135	**2,600**	<35.3	<31	NR	<23.3
MW-3	1/3/2000	<0.19	<0.19	0.75	2.2	<0.082	5.4	**76**	**89**	1.6	NR	**1.2**
MW-3	4/22/2004	<10	<14	<17	<66	<18	<45	**4,400**	**190**	<21	NR	<4.5
MW-3	7/22/2004	<10	<14	<17	<66	<18	<45	**2,800**	**200**	<21	NR	<4.5
MW-3	10/28/2004	<41	<54	<67	<263	<74	<180	**10,000**	**450**	<83	NR	<18
MW-3	1/25/2005	<82	<110	<130	<530	<150	<360	**12,000**	**570**	<170	NR	<36
MW-3	10/31/2006	<20	<27	<34	<132	<37	<90	**4,700**	**360**	<42	NR	<9.0
MW-3	4/30/2007	<41	<54	<67	<263	<74	<180	**5,200**	**410**	<83	NR	<18
MW-3	10/15/2010	<2.0	<2.7	<3.4	<13.2	<4.4	<9.0	**602**	**191**	*34.4*	NR	<0.9
MW-3	12/12/2012	<102	<135	<168	<658	<222	<450	**13,700**	**1,500**	<208	<222	<45.0
MW-4	6/17/1999	<0.19	<0.19	<0.11	<0.57	<0.08	<0.81	<0.34	<0.21	<0.19	NR	<0.14
MW-4	1/3/2000	<0.19	<0.19	<0.11	<0.39	<0.082	<0.81	<0.34	<0.21	<0.19	NR	<0.14
MW-4	4/22/2004	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	*1.9*	<0.48	<0.83	NR	<0.18
MW-4	10/28/2004	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	*2.0*	<0.48	<0.83	NR	<0.18
MW-4	10/31/2006	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	*3.0*	<0.48	<0.83	NR	<0.18
MW-4	10/15/2010	<0.41	<0.54	<0.67	<2.63	<0.89	<1.80	<0.45	<0.48	<0.83	NR	<0.18
MW-4	12/12/2012	<0.41	<0.54	<0.67	<2.63	<0.89	<1.80	<0.45	<0.48	<0.83	<0.89	<0.18

TABLE 3 GROUNDWATER ANALYTICAL RESULTS

SELECTED VOC PARAMETERS

One Hour Martenizing Dry Cleaning Facility, 1923 Main St., Green Bay, WI

		PETROLEUM VOCs						**DRYCLEANING SOLVENT AND DEGRADATION PRODUCTS**				
Sample ID	Sample Date	Benzene (ug/l)	Ethyl benzene (ug/l)	Toluene (ug/l)	Xylenes (ug/l)	Naphthalene (ug/l)	Sum of TMB (ug/l)	PCE (ug/l)	TCE (ug/l)	cis 1,2 DCE (ug/l)	trans 1,2 DCE	VC (ug/l)
NR 140.10 PAL		**0.5**	140	160	400	10	96	**0.5**	**0.5**	7	20	**0.02**
NR 140.10 ES		**5**	700	800	2,000	100	480	**5**	5	70	100	**0.2**
MW-5	1/3/2000	<0.19	<0.19	<0.11	<0.39	<0.082	<0.81	<0.34	<0.21	<0.19	NR	<0.14
MW-5	4/22/2004	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	*1.9*	<0.48	<0.83	NR	<0.18
MW-5	10/28/2004	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	<0.45	<0.48	<0.83	NR	<0.18
MW-5	10/31/2006	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	<0.45	<0.48	<0.83	NR	<0.18
MW-5	10/15/2010	<0.41	<0.54	<0.67	<2.63	<0.89	<1.80	<0.45	<0.48	<0.83	NR	<0.18
MW-5	12/12/2012	<0.41	<0.54	<0.67	<2.63	<0.89	<1.80	<0.45	<0.48	<0.83	<0.89	<0.18
MW-6	1/3/2000	<0.19	<0.19	<0.11	<0.39	<0.082	<0.81	<0.34	<0.21	<0.19	NR	<0.14
MW-6	4/22/2004	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	<0.45	<0.48	<0.83	NR	<0.18
MW-6	10/28/2004	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	<0.45	<0.48	<0.83	NR	<0.18
MW-6	10/31/2006	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	<0.45	<0.48	<0.83	NR	<0.18
MW-6	10/15/2010	<0.41	<0.54	<0.67	<2.63	<0.89	<1.80	<0.45	<0.48	<0.83	NR	<0.18
MW-6	12/12/2012	<0.41	<0.54	<0.67	<2.63	<0.89	<1.80	<0.45	<0.48	<0.83	<0.89	<0.18
MW-7	1/3/2000	<0.19	<0.19	<0.11	<0.39	<0.082	<0.81	<0.34	<0.21	<0.19	NR	<0.14
MW-7	4/22/2004	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	<0.45	<0.48	<0.83	NR	<0.18
MW-7	10/28/2004	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	**30**	*2.0*	<0.83	NR	<0.18
MW-7	10/31/2006	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	<0.45	<0.48	<0.83	NR	<0.18
MW-7	10/15/2010	<0.41	<0.54	<0.67	<2.63	<0.89	<1.80	*1.3*	*0.78J*	2.2	NR	<0.18
MW-7	12/12/2012	<0.41	<0.54	<0.67	<2.63	<0.89	<1.80	*1.6*	<0.48	<0.83	<0.89	<0.18

TABLE 3 GROUNDWATER ANALYTICAL RESULTS

SELECTED VOC PARAMETERS

One Hour Martenizing Dry Cleaning Facility, 1923 Main St., Green Bay, WI

		PETROLEUM VOCs						**DRYCLEANING SOLVENT AND DEGRADATION PRODUCTS**				
Sample ID	Sample Date	Benzene (ug/l)	Ethyl benzene (ug/l)	Toluene (ug/l)	Xylenes (ug/l)	Naphthalene (ug/l)	Sum of TMB (ug/l)	PCE (ug/l)	TCE (ug/l)	cis 1,2 DCE (ug/l)	trans 1,2 DCE	VC (ug/l)
NR 140.10 PAL		**0.5**	140	160	400	10	96	**0.5**	**0.5**	7	20	**0.02**
NR 140.10 ES		**5**	700	800	2,000	100	480	**5**	5	70	100	**0.2**
MW-8	1/3/2000	<0.19	<0.19	<0.11	<0.39	<0.082	<0.81	<0.34	<0.21	<0.19	NR	<0.14
MW-8	4/22/2004	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	<0.45	<0.48	<0.83	NR	<0.18
MW-8	10/28/2004	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	<0.45	<0.48	<0.83	NR	<0.18
MW-8	10/31/2006	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	<0.45	<0.48	<0.83	NR	<0.18
MW-8	10/15/2010	<0.41	<0.54	<0.67	<2.63	<0.89	<1.80	<0.45	<0.48	<0.83	NR	<0.18
MW-8	12/12/2012	<0.41	<0.54	<0.67	<2.63	<0.89	<1.80	<0.45	<0.48	<0.83	<0.89	<0.18
MW-9	8/28/2001	<0.19	<0.19	<0.11	<0.39	<0.082	<0.81	<0.34	<0.098	<0.19	NR	<23
MW-9	4/22/2004	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	<0.45	*0.55*	1.2	NR	<0.18
MW-9	10/28/2004	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	<0.45	*2.6*	3.4	NR	<0.18
MW-9	10/31/2006	<0.41	<0.54	<0.67	<2.63	<0.74	<1.80	<0.45	*0.7*	<0.83	NR	<0.18
MW-9	10/15/2010	<0.41	<0.54	<0.67	<2.63	<0.89	<1.80	<0.45	<0.48	<0.83	NR	<0.18
MW-9	12/12/2012	<0.41	<0.54	<0.67	<2.63	<0.89	<1.80	<0.45	<0.48	<0.83	<0.89	<0.18

Notes:
J: Result Between Lab Detection and Quantification Limits
PCE = Tetrachloroethene VC = Vinyl Chloride
TCE = Trichloroethene DCE = Dichloroethene
Xylenes reported as total of m-, o-, p-xylenes
TMB is sum of 1,2,4- and 1,3,5-trimethylbenzene
NA= Not analyzed for parameter
NR = Not Reported
ITALICS exceeds NR 140 Preventive Action Limit (PAL)
BOLD exceeds NR 140.10 Enforcement Standard (ES)

TABLE 4: Change Order Costs
Consultant and Commodity Services Cost Estimate
OHM, 1923 Main Street, Green Bay, WI

ITEM DESCRIPTION	Unit Price	Quantity	Units	Total Additional Cost	Prior Approved Cost	Total Cost
CONSULTING SERVICES						
Task 1: Revised RAP Report, Access Agreement, Project Management 24 months						
Sr. Hydrogeologist/ Engineer	$100.00	25	hour	$2,500.00		
Adnministrative	$50.00	1	hour	$50.00		
Subtotal Task				***$2,550.00***	***$6,450.00***	$9,000.00
Task 2: Pre-Excavation Soil Borings (12) and Groundwater Sampling (10 wells) , Well Repair						
Subtotal Task				***$0.00***	***$3,626.00***	$3,626.00
Task 3: Data Evaluation and Excavation Specifications, Re-Bidding, Landfill Approval, Excavation Oversight						
Sr. Hydrogeologist/ Engineer	$100.00	50	hour	$5,000.00		
Subtotal Task				***$5,000.00***	***$3,460.00***	$8,460.00
Task 4 Excavation and Landfill Disposal, Backfill						
Subtotal				***$0.00***	***$2,895.00***	$2,895.00
Task 5: Post Excavation Groundwater Monitoring (2 Events, 4 wells, over 12 Months)						
Subtotal Task				***$0.00***	***$2,382.00***	$2,382.00
Tasks 6 and 7: Data Evaluation and Documentation Report, Groundwater Monitoring Status Report						
Subtotal Task				***$0.00***	***$5,840.00***	$5,840.00
Task 8: Data Evaluation and Closure Request, GIS Packet						
Subtotal Task				***$0.00***	***$4,440.00***	$4,440.00
Task 9: Well Abandonment (10 wells, 6 during RA Dig, 4 End)						
Subtotal Task				***$0.00***	***$1,370.00***	$1,370.00
CONSULTING SERVICES TOTAL				**$7,550.00**	**$30,463.00**	$38,013.00

ITEM DESCRIPTION	Unit Price	Quantity	Units	Total Additional Cost	Prior Approved Cost	Total Cost
COMMODITY SERVICES						
Task 2: Pre-Excavation Soil Borings (12) and Groundwater Sampling (10 wells) , Well Repair						
Subtotal Task				**$0.00**	**$3,818.00**	$3,818.00
Task 4 Excavation and Landfill Disposal, Backfill Four Areas, 600 tons,						
Excavation Contractor, Geotechnical Contractor						
Mobilize	$3,990.00	1	lump	$490.00		
Private Utility Locate	$300.00	1	lump	$300.00		
Concrete/Asphalt Removal and Off-Site Recycle	$16.00	50	tons	$3.70		
Haul Soil to Landfill	$8.50	600	ton	$240.00		
Sump Installation	$150.00	1	each	$50.00		
Peagravel for sump	$17.50	20	tons	$350.00		
Silt Fence	$0.50	300	feet	$150.00		
Geotechnical Compaction Testing	$765.00	1	lump	$765.00		
Backfill (Sand and Gravel)	$11.25	500	tons	$455.00		
Base Coarse Top Foot	$14.25	100	tons	$100.00		
2-Inch Clear Stone for Excavation Base	$16.00	50	tons	$800.00		
Traffic Control/Street Sweeping	$50.00	1	lump	$50.00		
Subtotal				***$3,753.70***	**$18,731.30**	$22,485.00
Landfill Fees						
Tipping Fee and Tax, Fuel Surcharge: Soil	$31.63	600	ton	$1,282.20		
Approval Review Fee	$50.00	1	each	$50.00		
Subtotal				***$1,282.20***	**$17,695.80**	$18,978.00
Laboratory						
Soil VOCs	$65.00	15	each	$455.00		
Subtotal				***$455.00***	**$520.00**	$975.00
Subtotal Task				***$5,490.90***	**$40,765.10**	$46,256.00
Task 5: Post Excavation Groundwater Monitoring (2 Events, 4 wells, over 12 Months)						
Laboratory per Event with Duplicate						
Groundwater Samples 4 wells plus dup each event						
VOCs	$65.00	5	each	$75.00		
		EVENTS	2			
Subtotal Task				***$150.00***	**$500.00**	$650.00
COMMODITY SERVICES TOTAL				**$5,640.90**	**$41,265.10**	$46,906.00

TOTAL PRIOR APPROVED COSTS	**$71,728.10**
TOTAL ADDITIONAL COSTS	**$13,190.90**
TOTAL SITE INVESTIGATION BUDGET	**$84,919.00**

Rice Management Inc. approves of the site investigation costs described above and authorizes Fehr Graham to proceed with these activities. Fehr Graham shall not exceed any of these costs without receiving written authorization. The terms and conditions of the original contract for this project will apply to these services.

Mr. Rubhen Rice, Rice Management Inc. Date

This approval does not guarentee the reimbursement of costs. Final determination regarding the eligibility of costs will be determined at the time of claim review.

Ms. Kristin DuFresne, WDNR Date

Mr. Matt Dahlem, Fehr Graham Date

Appendices

Appendix A: Laboratory Analytical Report

Appendix B: Groundwater Contaminant Trend Analysis

Appendix C: Agent Agreement

Appendix A

Laboratory Analytical Report

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

December 24, 2012

Ken Ebbott
Alpha Terra Science - Plymouth
1237 South Pilgrim Rd
Plymouth, WI 53073

RE: Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Dear Ken Ebbott:
Enclosed are the analytical results for sample(s) received by the laboratory on December 11, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kang Khang

kang.khang@pacelabs.com
Project Manager

Enclosures

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4071763001	**B10 2-3**	Solid	12/11/12 09:10	12/11/12 15:50
4071763002	**B10 3-4**	Solid	12/11/12 09:13	12/11/12 15:50
4071763003	**B11 2-3**	Solid	12/11/12 09:45	12/11/12 15:50
4071763004	**B11 3-4**	Solid	12/11/12 09:50	12/11/12 15:50
4071763005	**B11 5-6**	Solid	12/11/12 10:00	12/11/12 15:50
4071763006	**B12 2-3**	Solid	12/11/12 10:50	12/11/12 15:50
4071763007	**B12 4-5**	Solid	12/11/12 10:55	12/11/12 15:50
4071763008	**B12 3.5-4**	Solid	12/11/12 10:51	12/11/12 15:50
4071763009	**B13 2-3**	Solid	12/11/12 10:45	12/11/12 15:50
4071763010	**B13 4-5**	Solid	12/11/12 10:47	12/11/12 15:50
4071763011	**B14 2-3**	Solid	12/11/12 10:10	12/11/12 15:50
4071763012	**B14 4-5**	Solid	12/11/12 10:13	12/11/12 15:50
4071763013	**B15 2-3**	Solid	12/11/12 10:28	12/11/12 15:50
4071763014	**B15 5-6**	Solid	12/11/12 10:30	12/11/12 15:50
4071763015	**B16 2-3**	Solid	12/11/12 12:00	12/11/12 15:50
4071763016	**B16 4-4.5**	Solid	12/11/12 12:02	12/11/12 15:50
4071763017	**B17 1-2**	Solid	12/11/12 12:19	12/11/12 15:50
4071763018	**B17 2.5-3.5**	Solid	12/11/12 12:20	12/11/12 15:50
4071763019	**B18 2-3**	Solid	12/11/12 13:05	12/11/12 15:50
4071763020	**B18 3-4**	Solid	12/11/12 13:06	12/11/12 15:50
4071763021	**B19 2-3**	Solid	12/11/12 12:55	12/11/12 15:50
4071763022	**B19 4-4.75**	Solid	12/11/12 12:58	12/11/12 15:50
4071763023	**B20 1.5-2.5**	Solid	12/11/12 12:45	12/11/12 15:50
4071763024	**B20 4-5**	Solid	12/11/12 12:48	12/11/12 15:50
4071763025	**B20 4-4.5**	Solid	12/11/12 12:48	12/11/12 15:50
4071763026	**B21 2-3**	Solid	12/11/12 12:40	12/11/12 15:50
4071763027	**B21 4-4.5**	Solid	12/11/12 12:42	12/11/12 15:50

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4071763001	**B10 2-3**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4071763002	**B10 3-4**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4071763003	**B11 2-3**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4071763004	**B11 3-4**	ASTM D2974-87	EMH	1	PASI-G
		EPA 9060 Modified	TJJ	4	PASI-G
4071763005	**B11 5-6**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4071763006	**B12 2-3**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4071763007	**B12 4-5**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4071763008	**B12 3.5-4**	ASTM D2974-87	EMH	1	PASI-G
		EPA 9060 Modified	TJJ	4	PASI-G
4071763009	**B13 2-3**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4071763010	**B13 4-5**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4071763011	**B14 2-3**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4071763012	**B14 4-5**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4071763013	**B15 2-3**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4071763014	**B15 5-6**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4071763015	**B16 2-3**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4071763016	**B16 4-4.5**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4071763017	**B17 1-2**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4071763018	**B17 2.5-3.5**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
		EPA 9060 Modified	TJJ	4	PASI-G

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SAMPLE ANALYTE COUNT

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4071763019	**B18 2-3**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4071763020	**B18 3-4**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4071763021	**B19 2-3**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4071763022	**B19 4-4.75**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4071763023	**B20 1.5-2.5**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4071763024	**B20 4-5**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4071763025	**B20 4-4.5**	ASTM D2974-87	EMH	1	PASI-G
		EPA 9060 Modified	TJJ	4	PASI-G
4071763026	**B21 2-3**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4071763027	**B21 4-4.5**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B10 2-3 **Lab ID: 4071763001** Collected: 12/11/12 09:10 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	12/12/12 06:23	12/12/12 14:18	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	12/12/12 06:23	12/12/12 14:18	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	75-00-3	L3,W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	12/12/12 06:23	12/12/12 14:18	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	12/12/12 06:23	12/12/12 14:18	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	12/12/12 06:23	12/12/12 14:18	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	99-87-6	W
Methylene Chloride	**50.3J**	ug/kg	67.7	28.2	1	12/12/12 06:23	12/12/12 14:18	75-09-2	B
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	100-42-5	W

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B10 2-3 **Lab ID: 4071763001** Collected: 12/11/12 09:10 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	79-34-5	W
Tetrachloroethene	**195**	ug/kg	67.7	28.2	1	12/12/12 06:23	12/12/12 14:18	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/12 06:23	12/12/12 14:18	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:18	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	94	%.	57-130		1	12/12/12 06:23	12/12/12 14:18	1868-53-7	
Toluene-d8 (S)	110	%.	54-133		1	12/12/12 06:23	12/12/12 14:18	2037-26-5	
4-Bromofluorobenzene (S)	104	%.	49-130		1	12/12/12 06:23	12/12/12 14:18	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.3**	%	0.10	0.10	1		12/18/12 16:13		

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B10 3-4 **Lab ID: 4071763002** Collected: 12/11/12 09:13 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	12/12/12 06:23	12/12/12 14:41	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	12/12/12 06:23	12/12/12 14:41	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	75-00-3	L3,W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	12/12/12 06:23	12/12/12 14:41	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	12/12/12 06:23	12/12/12 14:41	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	12/12/12 06:23	12/12/12 14:41	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	99-87-6	W
Methylene Chloride	**43.7J**	ug/kg	74.6	31.1	1	12/12/12 06:23	12/12/12 14:41	75-09-2	B
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	100-42-5	W

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B10 3-4 **Lab ID: 4071763002** Collected: 12/11/12 09:13 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	79-34-5	W
Tetrachloroethene	**58.4J**	ug/kg	74.6	31.1	1	12/12/12 06:23	12/12/12 14:41	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/12 06:23	12/12/12 14:41	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 14:41	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	93	%.	57-130		1	12/12/12 06:23	12/12/12 14:41	1868-53-7	
Toluene-d8 (S)	102	%.	54-133		1	12/12/12 06:23	12/12/12 14:41	2037-26-5	
4-Bromofluorobenzene (S)	94	%.	49-130		1	12/12/12 06:23	12/12/12 14:41	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**19.5**	%	0.10	0.10	1		12/18/12 16:14		

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B11 2-3 **Lab ID: 4071763003** Collected: 12/11/12 09:45 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	12/12/12 06:23	12/12/12 15:04	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	12/12/12 06:23	12/12/12 15:04	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	75-00-3	L3,W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	12/12/12 06:23	12/12/12 15:04	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	12/12/12 06:23	12/12/12 15:04	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	12/12/12 06:23	12/12/12 15:04	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	99-87-6	W
Methylene Chloride	**72.5**	ug/kg	67.2	28.0	1	12/12/12 06:23	12/12/12 15:04	75-09-2	B
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	100-42-5	W

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B11 2-3 **Lab ID: 4071763003** Collected: 12/11/12 09:45 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	79-34-5	W
Tetrachloroethene	**117**	ug/kg	67.2	28.0	1	12/12/12 06:23	12/12/12 15:04	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/12 06:23	12/12/12 15:04	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:04	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	89	%.	57-130		1	12/12/12 06:23	12/12/12 15:04	1868-53-7	1q
Toluene-d8 (S)	101	%.	54-133		1	12/12/12 06:23	12/12/12 15:04	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	49-130		1	12/12/12 06:23	12/12/12 15:04	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.7**	%	0.10	0.10	1		12/18/12 16:14		

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B11 3-4 **Lab ID: 4071763004** Collected: 12/11/12 09:50 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.5**	%	0.10	0.10	1		12/18/12 16:14		
Total Organic Carbon	Analytical Method: EPA 9060 Modified								
Surrogates									
RPD%	**8.0**	%			1		12/21/12 09:44		
Total Organic Carbon	**6880**	mg/kg	4760	1330	1		12/21/12 09:41	7440-44-0	
Total Organic Carbon	**7450**	mg/kg	4550	1270	1		12/21/12 09:44	7440-44-0	
Mean Total Organic Carbon	**7160**	mg/kg	4650	1300	1		12/21/12 09:44	7440-44-0	C4

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B11 5-6 **Lab ID: 4071763005** Collected: 12/11/12 10:00 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	12/12/12 06:23	12/12/12 15:27	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	12/12/12 06:23	12/12/12 15:27	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	75-00-3	L3,W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	12/12/12 06:23	12/12/12 15:27	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	12/12/12 06:23	12/12/12 15:27	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	12/12/12 06:23	12/12/12 15:27	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	99-87-6	W
Methylene Chloride	**75.6**	ug/kg	71.3	29.7	1	12/12/12 06:23	12/12/12 15:27	75-09-2	B
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	100-42-5	W

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B11 5-6 **Lab ID: 4071763005** Collected: 12/11/12 10:00 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	79-34-5	W
Tetrachloroethene	**517**	ug/kg	71.3	29.7	1	12/12/12 06:23	12/12/12 15:27	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/12 06:23	12/12/12 15:27	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:27	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	103	%.	57-130		1	12/12/12 06:23	12/12/12 15:27	1868-53-7	
Toluene-d8 (S)	115	%.	54-133		1	12/12/12 06:23	12/12/12 15:27	2037-26-5	
4-Bromofluorobenzene (S)	103	%.	49-130		1	12/12/12 06:23	12/12/12 15:27	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.8**	%	0.10	0.10	1		12/18/12 16:14		

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B12 2-3 **Lab ID: 4071763006** Collected: 12/11/12 10:50 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	12/12/12 06:23	12/12/12 15:50	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	12/12/12 06:23	12/12/12 15:50	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	75-00-3	L3,W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	12/12/12 06:23	12/12/12 15:50	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	12/12/12 06:23	12/12/12 15:50	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	12/12/12 06:23	12/12/12 15:50	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	99-87-6	W
Methylene Chloride	**47.3J**	ug/kg	64.7	27.0	1	12/12/12 06:23	12/12/12 15:50	75-09-2	B
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	100-42-5	W

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B12 2-3 **Lab ID: 4071763006** Collected: 12/11/12 10:50 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	79-34-5	W
Tetrachloroethene	**261**	ug/kg	64.7	27.0	1	12/12/12 06:23	12/12/12 15:50	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/12 06:23	12/12/12 15:50	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 15:50	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	98	%.	57-130		1	12/12/12 06:23	12/12/12 15:50	1868-53-7	
Toluene-d8 (S)	109	%.	54-133		1	12/12/12 06:23	12/12/12 15:50	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	49-130		1	12/12/12 06:23	12/12/12 15:50	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**7.3**	%	0.10	0.10	1		12/18/12 16:14		

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B12 4-5 **Lab ID: 4071763007** Collected: 12/11/12 10:55 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	12/12/12 06:23	12/12/12 16:12	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	12/12/12 06:23	12/12/12 16:12	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	75-00-3	L3,W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	12/12/12 06:23	12/12/12 16:12	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	12/12/12 06:23	12/12/12 16:12	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	12/12/12 06:23	12/12/12 16:12	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	99-87-6	W
Methylene Chloride	**55.6J**	ug/kg	71.9	30.0	1	12/12/12 06:23	12/12/12 16:12	75-09-2	B
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	100-42-5	W

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B12 4-5 **Lab ID: 4071763007** Collected: 12/11/12 10:55 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	79-34-5	W
Tetrachloroethene	**626**	ug/kg	71.9	30.0	1	12/12/12 06:23	12/12/12 16:12	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/12 06:23	12/12/12 16:12	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:12	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	99	%.	57-130		1	12/12/12 06:23	12/12/12 16:12	1868-53-7	
Toluene-d8 (S)	115	%.	54-133		1	12/12/12 06:23	12/12/12 16:12	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	49-130		1	12/12/12 06:23	12/12/12 16:12	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**16.5**	%	0.10	0.10	1		12/18/12 16:14		

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B12 3.5-4 **Lab ID: 4071763008** Collected: 12/11/12 10:51 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.5**	%	0.10	0.10	1		12/18/12 16:14		
Total Organic Carbon	Analytical Method: EPA 9060 Modified								
Surrogates									
RPD%	**10.3**	%			1		12/21/12 09:51		
Total Organic Carbon	**4020**	mg/kg	2500	700	1		12/21/12 09:48	7440-44-0	
Total Organic Carbon	**4460**	mg/kg	2270	636	1		12/21/12 09:51	7440-44-0	
Mean Total Organic Carbon	**4240**	mg/kg	2390	668	1		12/21/12 09:51	7440-44-0	C4

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B13 2-3 **Lab ID: 4071763009** Collected: 12/11/12 10:45 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	12/12/12 06:23	12/12/12 16:35	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	12/12/12 06:23	12/12/12 16:35	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	75-00-3	L3,W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	12/12/12 06:23	12/12/12 16:35	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	12/12/12 06:23	12/12/12 16:35	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	12/12/12 06:23	12/12/12 16:35	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	99-87-6	W
Methylene Chloride	**61.0J**	ug/kg	73.8	30.8	1	12/12/12 06:23	12/12/12 16:35	75-09-2	B
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	100-42-5	W

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B13 2-3 **Lab ID: 4071763009** Collected: 12/11/12 10:45 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	79-34-5	W
Tetrachloroethene	**191**	ug/kg	73.8	30.8	1	12/12/12 06:23	12/12/12 16:35	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/12 06:23	12/12/12 16:35	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:35	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	85	%.	57-130		1	12/12/12 06:23	12/12/12 16:35	1868-53-7	
Toluene-d8 (S)	97	%.	54-133		1	12/12/12 06:23	12/12/12 16:35	2037-26-5	
4-Bromofluorobenzene (S)	85	%.	49-130		1	12/12/12 06:23	12/12/12 16:35	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**18.7**	%	0.10	0.10	1		12/18/12 16:14		

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B13 4-5 **Lab ID: 4071763010** Collected: 12/11/12 10:47 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	12/12/12 06:23	12/12/12 16:58	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	12/12/12 06:23	12/12/12 16:58	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	75-00-3	L3,W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	12/12/12 06:23	12/12/12 16:58	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	12/12/12 06:23	12/12/12 16:58	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	12/12/12 06:23	12/12/12 16:58	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	99-87-6	W
Methylene Chloride	**66.5J**	ug/kg	70.5	29.4	1	12/12/12 06:23	12/12/12 16:58	75-09-2	B
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	100-42-5	W

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B13 4-5 **Lab ID: 4071763010** Collected: 12/11/12 10:47 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	79-34-5	W
Tetrachloroethene	**676**	ug/kg	70.5	29.4	1	12/12/12 06:23	12/12/12 16:58	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/12 06:23	12/12/12 16:58	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 16:58	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	97	%.	57-130		1	12/12/12 06:23	12/12/12 16:58	1868-53-7	
Toluene-d8 (S)	109	%.	54-133		1	12/12/12 06:23	12/12/12 16:58	2037-26-5	
4-Bromofluorobenzene (S)	95	%.	49-130		1	12/12/12 06:23	12/12/12 16:58	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.9**	%	0.10	0.10	1		12/18/12 16:14		

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B14 2-3 **Lab ID: 4071763011** Collected: 12/11/12 10:10 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	12/12/12 06:23	12/12/12 17:21	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	12/12/12 06:23	12/12/12 17:21	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	75-00-3	L3,W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	12/12/12 06:23	12/12/12 17:21	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	12/12/12 06:23	12/12/12 17:21	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	12/12/12 06:23	12/12/12 17:21	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	99-87-6	W
Methylene Chloride	**49.5J**	ug/kg	68.6	28.6	1	12/12/12 06:23	12/12/12 17:21	75-09-2	B
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	100-42-5	W

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B14 2-3 **Lab ID: 4071763011** Collected: 12/11/12 10:10 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	79-34-5	W
Tetrachloroethene	**241**	ug/kg	68.6	28.6	1	12/12/12 06:23	12/12/12 17:21	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/12 06:23	12/12/12 17:21	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:21	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	90	%.	57-130		1	12/12/12 06:23	12/12/12 17:21	1868-53-7	
Toluene-d8 (S)	108	%.	54-133		1	12/12/12 06:23	12/12/12 17:21	2037-26-5	
4-Bromofluorobenzene (S)	93	%.	49-130		1	12/12/12 06:23	12/12/12 17:21	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.5**	%	0.10	0.10	1		12/18/12 16:14		

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B14 4-5 **Lab ID: 4071763012** Collected: 12/11/12 10:13 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	12/12/12 06:23	12/12/12 17:44	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	12/12/12 06:23	12/12/12 17:44	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	75-00-3	L3,W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	12/12/12 06:23	12/12/12 17:44	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	12/12/12 06:23	12/12/12 17:44	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	12/12/12 06:23	12/12/12 17:44	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	99-87-6	W
Methylene Chloride	**59.2J**	ug/kg	68.0	28.3	1	12/12/12 06:23	12/12/12 17:44	75-09-2	B
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	100-42-5	W

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B14 4-5 **Lab ID: 4071763012** Collected: 12/11/12 10:13 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	79-34-5	W
Tetrachloroethene	**496**	ug/kg	68.0	28.3	1	12/12/12 06:23	12/12/12 17:44	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/12 06:23	12/12/12 17:44	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 17:44	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	95	%.	57-130		1	12/12/12 06:23	12/12/12 17:44	1868-53-7	
Toluene-d8 (S)	112	%.	54-133		1	12/12/12 06:23	12/12/12 17:44	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	49-130		1	12/12/12 06:23	12/12/12 17:44	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.7**	%	0.10	0.10	1		12/18/12 16:14		

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B15 2-3 **Lab ID: 4071763013** Collected: 12/11/12 10:28 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	12/12/12 06:23	12/12/12 18:07	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	12/12/12 06:23	12/12/12 18:07	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	75-00-3	L3,W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	12/12/12 06:23	12/12/12 18:07	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	12/12/12 06:23	12/12/12 18:07	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	12/12/12 06:23	12/12/12 18:07	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	99-87-6	W
Methylene Chloride	**61.5J**	ug/kg	67.0	27.9	1	12/12/12 06:23	12/12/12 18:07	75-09-2	B
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	100-42-5	W

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B15 2-3 **Lab ID: 4071763013** Collected: 12/11/12 10:28 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	79-34-5	W
Tetrachloroethene	**331**	ug/kg	67.0	27.9	1	12/12/12 06:23	12/12/12 18:07	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/12 06:23	12/12/12 18:07	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:07	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	92	%.	57-130		1	12/12/12 06:23	12/12/12 18:07	1868-53-7	
Toluene-d8 (S)	102	%.	54-133		1	12/12/12 06:23	12/12/12 18:07	2037-26-5	
4-Bromofluorobenzene (S)	93	%.	49-130		1	12/12/12 06:23	12/12/12 18:07	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.5**	%	0.10	0.10	1		12/18/12 16:15		

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B15 5-6 **Lab ID: 4071763014** Collected: 12/11/12 10:30 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	12/12/12 06:23	12/12/12 18:30	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	12/12/12 06:23	12/12/12 18:30	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	75-00-3	L3,W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	12/12/12 06:23	12/12/12 18:30	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	12/12/12 06:23	12/12/12 18:30	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	12/12/12 06:23	12/12/12 18:30	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	99-87-6	W
Methylene Chloride	**61.2J**	ug/kg	70.9	29.5	1	12/12/12 06:23	12/12/12 18:30	75-09-2	B
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	100-42-5	W

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B15 5-6 **Lab ID: 4071763014** Collected: 12/11/12 10:30 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	79-34-5	W
Tetrachloroethene	**464**	ug/kg	70.9	29.5	1	12/12/12 06:23	12/12/12 18:30	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/12 06:23	12/12/12 18:30	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:30	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	92	%.	57-130		1	12/12/12 06:23	12/12/12 18:30	1868-53-7	1q
Toluene-d8 (S)	107	%.	54-133		1	12/12/12 06:23	12/12/12 18:30	2037-26-5	
4-Bromofluorobenzene (S)	96	%.	49-130		1	12/12/12 06:23	12/12/12 18:30	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.4**	%	0.10	0.10	1		12/18/12 16:15		

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B16 2-3 **Lab ID: 4071763015** Collected: 12/11/12 12:00 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	12/12/12 06:23	12/12/12 18:53	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	12/12/12 06:23	12/12/12 18:53	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	75-00-3	L3,W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	12/12/12 06:23	12/12/12 18:53	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	12/12/12 06:23	12/12/12 18:53	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	12/12/12 06:23	12/12/12 18:53	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	99-87-6	W
Methylene Chloride	**51.6J**	ug/kg	67.6	28.1	1	12/12/12 06:23	12/12/12 18:53	75-09-2	B
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	100-42-5	W

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B16 2-3 **Lab ID: 4071763015** Collected: 12/11/12 12:00 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	79-34-5	W
Tetrachloroethene	**510**	ug/kg	67.6	28.1	1	12/12/12 06:23	12/12/12 18:53	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/12 06:23	12/12/12 18:53	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 06:23	12/12/12 18:53	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	97	%.	57-130		1	12/12/12 06:23	12/12/12 18:53	1868-53-7	
Toluene-d8 (S)	105	%.	54-133		1	12/12/12 06:23	12/12/12 18:53	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	49-130		1	12/12/12 06:23	12/12/12 18:53	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.2**	%	0.10	0.10	1		12/18/12 16:15		

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B16 4-4.5 **Lab ID: 4071763016** Collected: 12/11/12 12:02 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	12/12/12 11:32	12/12/12 15:40	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	12/12/12 11:32	12/12/12 15:40	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	12/12/12 11:32	12/12/12 15:40	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	12/12/12 11:32	12/12/12 15:40	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	12/12/12 11:32	12/12/12 15:40	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	99-87-6	W
Methylene Chloride	**41.1J**	ug/kg	72.7	30.3	1	12/12/12 11:32	12/12/12 15:40	75-09-2	
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	100-42-5	W

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B16 4-4.5 **Lab ID: 4071763016** Collected: 12/11/12 12:02 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	79-34-5	W
Tetrachloroethene	**2320**	ug/kg	72.7	30.3	1	12/12/12 11:32	12/12/12 15:40	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/12 11:32	12/12/12 15:40	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 15:40	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	96	%.	57-130		1	12/12/12 11:32	12/12/12 15:40	1868-53-7	
Toluene-d8 (S)	97	%.	54-133		1	12/12/12 11:32	12/12/12 15:40	2037-26-5	
4-Bromofluorobenzene (S)	92	%.	49-130		1	12/12/12 11:32	12/12/12 15:40	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**17.5**	%	0.10	0.10	1		12/18/12 16:15		

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B17 1-2 **Lab ID: 4071763017** Collected: 12/11/12 12:19 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	12/12/12 11:32	12/12/12 16:03	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	12/12/12 11:32	12/12/12 16:03	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	12/12/12 11:32	12/12/12 16:03	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	12/12/12 11:32	12/12/12 16:03	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	12/12/12 11:32	12/12/12 16:03	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	99-87-6	W
Methylene Chloride	**42.2J**	ug/kg	66.8	27.8	1	12/12/12 11:32	12/12/12 16:03	75-09-2	
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	100-42-5	W

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B17 1-2 **Lab ID: 4071763017** Collected: 12/11/12 12:19 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	79-34-5	W
Tetrachloroethene	**644**	ug/kg	66.8	27.8	1	12/12/12 11:32	12/12/12 16:03	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/12 11:32	12/12/12 16:03	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:03	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	118	%.	57-130		1	12/12/12 11:32	12/12/12 16:03	1868-53-7	
Toluene-d8 (S)	113	%.	54-133		1	12/12/12 11:32	12/12/12 16:03	2037-26-5	
4-Bromofluorobenzene (S)	110	%.	49-130		1	12/12/12 11:32	12/12/12 16:03	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.2**	%	0.10	0.10	1		12/18/12 16:15		

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B17 2.5-3.5 **Lab ID: 4071763018** Collected: 12/11/12 12:20 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	12/12/12 11:32	12/12/12 16:27	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	12/12/12 11:32	12/12/12 16:27	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	12/12/12 11:32	12/12/12 16:27	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	12/12/12 11:32	12/12/12 16:27	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	12/12/12 11:32	12/12/12 16:27	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	99-87-6	W
Methylene Chloride	**37.1J**	ug/kg	68.4	28.5	1	12/12/12 11:32	12/12/12 16:27	75-09-2	
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	100-42-5	W

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B17 2.5-3.5 **Lab ID: 4071763018** Collected: 12/11/12 12:20 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	79-34-5	W
Tetrachloroethene	**903**	ug/kg	68.4	28.5	1	12/12/12 11:32	12/12/12 16:27	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/12 11:32	12/12/12 16:27	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:27	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	129	%.	57-130		1	12/12/12 11:32	12/12/12 16:27	1868-53-7	
Toluene-d8 (S)	126	%.	54-133		1	12/12/12 11:32	12/12/12 16:27	2037-26-5	
4-Bromofluorobenzene (S)	119	%.	49-130		1	12/12/12 11:32	12/12/12 16:27	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.3**	%	0.10	0.10	1		12/18/12 16:15		
Total Organic Carbon	Analytical Method: EPA 9060 Modified								
Surrogates									
RPD%	**22.3**	%			1		12/21/12 10:16		
Total Organic Carbon	**5800**	mg/kg	3570	1000	1		12/21/12 10:12	7440-44-0	
Total Organic Carbon	**4640**	mg/kg	3700	1040	1		12/21/12 10:16	7440-44-0	
Mean Total Organic Carbon	**5220**	mg/kg	3640	1020	1		12/21/12 10:16	7440-44-0	C4

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B18 2-3 **Lab ID: 4071763019** Collected: 12/11/12 13:05 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	12/12/12 11:32	12/12/12 16:50	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	12/12/12 11:32	12/12/12 16:50	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	12/12/12 11:32	12/12/12 16:50	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	12/12/12 11:32	12/12/12 16:50	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	12/12/12 11:32	12/12/12 16:50	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	99-87-6	W
Methylene Chloride	**31.0J**	ug/kg	63.1	26.3	1	12/12/12 11:32	12/12/12 16:50	75-09-2	
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	100-42-5	W

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B18 2-3 **Lab ID: 4071763019** Collected: 12/11/12 13:05 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	79-34-5	W
Tetrachloroethene	**111**	ug/kg	63.1	26.3	1	12/12/12 11:32	12/12/12 16:50	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/12 11:32	12/12/12 16:50	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 16:50	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	107	%.	57-130		1	12/12/12 11:32	12/12/12 16:50	1868-53-7	
Toluene-d8 (S)	106	%.	54-133		1	12/12/12 11:32	12/12/12 16:50	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	49-130		1	12/12/12 11:32	12/12/12 16:50	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**5.0**	%	0.10	0.10	1		12/18/12 16:15		

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B18 3-4 **Lab ID: 4071763020** Collected: 12/11/12 13:06 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	12/12/12 11:32	12/12/12 17:13	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	12/12/12 11:32	12/12/12 17:13	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	12/12/12 11:32	12/12/12 17:13	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	12/12/12 11:32	12/12/12 17:13	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	12/12/12 11:32	12/12/12 17:13	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	100-42-5	W

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B18 3-4 **Lab ID: 4071763020** Collected: 12/11/12 13:06 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	79-34-5	W
Tetrachloroethene	**505**	ug/kg	66.0	27.5	1	12/12/12 11:32	12/12/12 17:13	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	79-00-5	W
Trichloroethene	**61.9J**	ug/kg	66.0	27.5	1	12/12/12 11:32	12/12/12 17:13	79-01-6	
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/12 11:32	12/12/12 17:13	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:13	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	115	%.	57-130		1	12/12/12 11:32	12/12/12 17:13	1868-53-7	
Toluene-d8 (S)	111	%.	54-133		1	12/12/12 11:32	12/12/12 17:13	2037-26-5	
4-Bromofluorobenzene (S)	106	%.	49-130		1	12/12/12 11:32	12/12/12 17:13	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**9.1**	%	0.10	0.10	1		12/18/12 17:35		

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B19 2-3 **Lab ID: 4071763021** Collected: 12/11/12 12:55 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	12/12/12 11:32	12/12/12 17:36	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	12/12/12 11:32	12/12/12 17:36	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	12/12/12 11:32	12/12/12 17:36	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	12/12/12 11:32	12/12/12 17:36	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	12/12/12 11:32	12/12/12 17:36	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	99-87-6	W
Methylene Chloride	**29.2J**	ug/kg	66.4	27.7	1	12/12/12 11:32	12/12/12 17:36	75-09-2	
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	100-42-5	W

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B19 2-3 **Lab ID: 4071763021** Collected: 12/11/12 12:55 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/12 11:32	12/12/12 17:36	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:36	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	106	%.	57-130		1	12/12/12 11:32	12/12/12 17:36	1868-53-7	
Toluene-d8 (S)	106	%.	54-133		1	12/12/12 11:32	12/12/12 17:36	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	49-130		1	12/12/12 11:32	12/12/12 17:36	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**9.6**	%	0.10	0.10	1		12/18/12 17:36		

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B19 4-4.75 **Lab ID: 4071763022** Collected: 12/11/12 12:58 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	12/12/12 11:32	12/12/12 17:59	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	12/12/12 11:32	12/12/12 17:59	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	12/12/12 11:32	12/12/12 17:59	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	12/12/12 11:32	12/12/12 17:59	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	12/12/12 11:32	12/12/12 17:59	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	100-42-5	W

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B19 4-4.75 **Lab ID: 4071763022** Collected: 12/11/12 12:58 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	79-34-5	W
Tetrachloroethene	**53.5J**	ug/kg	72.8	30.3	1	12/12/12 11:32	12/12/12 17:59	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	79-00-5	W
Trichloroethene	**82.6**	ug/kg	72.8	30.3	1	12/12/12 11:32	12/12/12 17:59	79-01-6	
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/12 11:32	12/12/12 17:59	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 17:59	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	108	%.	57-130		1	12/12/12 11:32	12/12/12 17:59	1868-53-7	
Toluene-d8 (S)	106	%.	54-133		1	12/12/12 11:32	12/12/12 17:59	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	49-130		1	12/12/12 11:32	12/12/12 17:59	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**17.6**	%	0.10	0.10	1		12/18/12 17:36		

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B20 1.5-2.5 **Lab ID: 4071763023** Collected: 12/11/12 12:45 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	12/12/12 11:32	12/12/12 18:22	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	12/12/12 11:32	12/12/12 18:22	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	12/12/12 11:32	12/12/12 18:22	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	12/12/12 11:32	12/12/12 18:22	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	12/12/12 11:32	12/12/12 18:22	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	100-42-5	W

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B20 1.5-2.5 **Lab ID: 4071763023** Collected: 12/11/12 12:45 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/12 11:32	12/12/12 18:22	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:22	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	108	%.	57-130		1	12/12/12 11:32	12/12/12 18:22	1868-53-7	
Toluene-d8 (S)	107	%.	54-133		1	12/12/12 11:32	12/12/12 18:22	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	49-130		1	12/12/12 11:32	12/12/12 18:22	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**9.2**	%	0.10	0.10	1		12/18/12 17:36		

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B20 4-5 **Lab ID: 4071763024** Collected: 12/11/12 12:48 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	12/12/12 11:32	12/12/12 18:45	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	12/12/12 11:32	12/12/12 18:45	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	12/12/12 11:32	12/12/12 18:45	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	12/12/12 11:32	12/12/12 18:45	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	12/12/12 11:32	12/12/12 18:45	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	100-42-5	W

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B20 4-5 **Lab ID: 4071763024** Collected: 12/11/12 12:48 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/12 11:32	12/12/12 18:45	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 18:45	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	105	%.	57-130		1	12/12/12 11:32	12/12/12 18:45	1868-53-7	
Toluene-d8 (S)	106	%.	54-133		1	12/12/12 11:32	12/12/12 18:45	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	49-130		1	12/12/12 11:32	12/12/12 18:45	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**17.4**	%	0.10	0.10	1		12/18/12 17:36		

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B20 4-4.5 **Lab ID: 4071763025** Collected: 12/11/12 12:48 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.3**	%	0.10	0.10	1		12/18/12 17:36		
Total Organic Carbon	Analytical Method: EPA 9060 Modified								
Surrogates									
RPD%	**0.44**	%			1		12/21/12 10:22		
Total Organic Carbon	**1790**	mg/kg	1280	359	1		12/21/12 10:19	7440-44-0	
Total Organic Carbon	**1780**	mg/kg	1350	378	1		12/21/12 10:22	7440-44-0	
Mean Total Organic Carbon	**1790**	mg/kg	1320	369	1		12/21/12 10:22	7440-44-0	C4

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B21 2-3 **Lab ID: 4071763026** Collected: 12/11/12 12:40 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	12/12/12 11:32	12/12/12 19:08	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	12/12/12 11:32	12/12/12 19:08	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	12/12/12 11:32	12/12/12 19:08	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	12/12/12 11:32	12/12/12 19:08	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	12/12/12 11:32	12/12/12 19:08	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	100-42-5	W

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B21 2-3 **Lab ID: 4071763026** Collected: 12/11/12 12:40 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/12 11:32	12/12/12 19:08	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:08	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	121	%.	57-130		1	12/12/12 11:32	12/12/12 19:08	1868-53-7	
Toluene-d8 (S)	116	%.	54-133		1	12/12/12 11:32	12/12/12 19:08	2037-26-5	
4-Bromofluorobenzene (S)	111	%.	49-130		1	12/12/12 11:32	12/12/12 19:08	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**6.3**	%	0.10	0.10	1		12/18/12 17:37		

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B21 4-4.5 **Lab ID: 4071763027** Collected: 12/11/12 12:42 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	12/12/12 11:32	12/12/12 19:31	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	12/12/12 11:32	12/12/12 19:31	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	12/12/12 11:32	12/12/12 19:31	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	12/12/12 11:32	12/12/12 19:31	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	12/12/12 11:32	12/12/12 19:31	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	100-42-5	W

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ANALYTICAL RESULTS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Sample: B21 4-4.5 **Lab ID: 4071763027** Collected: 12/11/12 12:42 Received: 12/11/12 15:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/12/12 11:32	12/12/12 19:31	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/12/12 11:32	12/12/12 19:31	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	108	%.	57-130		1	12/12/12 11:32	12/12/12 19:31	1868-53-7	
Toluene-d8 (S)	103	%.	54-133		1	12/12/12 11:32	12/12/12 19:31	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	49-130		1	12/12/12 11:32	12/12/12 19:31	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.8**	%	0.10	0.10	1		12/18/12 17:37		

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QUALITY CONTROL DATA

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

QC Batch: MSV/18052 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 4071763016, 4071763017, 4071763018, 4071763019, 4071763020, 4071763021, 4071763022, 4071763023, 4071763024, 4071763026, 4071763027

METHOD BLANK: 726120 Matrix: Solid
Associated Lab Samples: 4071763016, 4071763017, 4071763018, 4071763019, 4071763020, 4071763021, 4071763022, 4071763023, 4071763024, 4071763026, 4071763027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<25.0	60.0	12/12/12 11:04	
1,1,1-Trichloroethane	ug/kg	<25.0	60.0	12/12/12 11:04	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	60.0	12/12/12 11:04	
1,1,2-Trichloroethane	ug/kg	<25.0	60.0	12/12/12 11:04	
1,1-Dichloroethane	ug/kg	<25.0	60.0	12/12/12 11:04	
1,1-Dichloroethene	ug/kg	<25.0	60.0	12/12/12 11:04	
1,1-Dichloropropene	ug/kg	<25.0	60.0	12/12/12 11:04	
1,2,3-Trichlorobenzene	ug/kg	<25.0	60.0	12/12/12 11:04	
1,2,3-Trichloropropane	ug/kg	<25.0	60.0	12/12/12 11:04	
1,2,4-Trichlorobenzene	ug/kg	<25.0	60.0	12/12/12 11:04	
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	12/12/12 11:04	
1,2-Dibromo-3-chloropropane	ug/kg	<82.3	250	12/12/12 11:04	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	60.0	12/12/12 11:04	
1,2-Dichlorobenzene	ug/kg	<44.4	60.0	12/12/12 11:04	
1,2-Dichloroethane	ug/kg	<25.0	60.0	12/12/12 11:04	
1,2-Dichloropropane	ug/kg	<25.0	60.0	12/12/12 11:04	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	12/12/12 11:04	
1,3-Dichlorobenzene	ug/kg	<25.0	60.0	12/12/12 11:04	
1,3-Dichloropropane	ug/kg	<25.0	60.0	12/12/12 11:04	
1,4-Dichlorobenzene	ug/kg	<25.0	60.0	12/12/12 11:04	
2,2-Dichloropropane	ug/kg	<25.0	60.0	12/12/12 11:04	
2-Chlorotoluene	ug/kg	<25.0	60.0	12/12/12 11:04	
4-Chlorotoluene	ug/kg	<25.0	60.0	12/12/12 11:04	
Benzene	ug/kg	<25.0	60.0	12/12/12 11:04	
Bromobenzene	ug/kg	<25.0	60.0	12/12/12 11:04	
Bromochloromethane	ug/kg	<25.0	60.0	12/12/12 11:04	
Bromodichloromethane	ug/kg	<25.0	60.0	12/12/12 11:04	
Bromoform	ug/kg	<25.9	60.0	12/12/12 11:04	
Bromomethane	ug/kg	<25.0	60.0	12/12/12 11:04	
Carbon tetrachloride	ug/kg	<25.0	60.0	12/12/12 11:04	
Chlorobenzene	ug/kg	<25.0	60.0	12/12/12 11:04	
Chloroethane	ug/kg	<25.0	60.0	12/12/12 11:04	
Chloroform	ug/kg	<25.0	60.0	12/12/12 11:04	
Chloromethane	ug/kg	<25.0	60.0	12/12/12 11:04	
cis-1,2-Dichloroethene	ug/kg	<25.0	60.0	12/12/12 11:04	
cis-1,3-Dichloropropene	ug/kg	<25.0	60.0	12/12/12 11:04	
Dibromochloromethane	ug/kg	<25.0	60.0	12/12/12 11:04	
Dibromomethane	ug/kg	<25.0	60.0	12/12/12 11:04	
Dichlorodifluoromethane	ug/kg	<25.0	60.0	12/12/12 11:04	
Diisopropyl ether	ug/kg	<25.0	60.0	12/12/12 11:04	
Ethylbenzene	ug/kg	<25.0	60.0	12/12/12 11:04	

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QUALITY CONTROL DATA

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

METHOD BLANK: 726120 Matrix: Solid

Associated Lab Samples: 4071763016, 4071763017, 4071763018, 4071763019, 4071763020, 4071763021, 4071763022, 4071763023, 4071763024, 4071763026, 4071763027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<26.4	60.0	12/12/12 11:04	
Isopropylbenzene (Cumene)	ug/kg	<25.0	60.0	12/12/12 11:04	
m&p-Xylene	ug/kg	<50.0	120	12/12/12 11:04	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	12/12/12 11:04	
Methylene Chloride	ug/kg	<25.0	60.0	12/12/12 11:04	
n-Butylbenzene	ug/kg	<40.4	60.0	12/12/12 11:04	
n-Propylbenzene	ug/kg	<25.0	60.0	12/12/12 11:04	
Naphthalene	ug/kg	<25.0	60.0	12/12/12 11:04	
o-Xylene	ug/kg	<25.0	60.0	12/12/12 11:04	
p-Isopropyltoluene	ug/kg	<25.0	60.0	12/12/12 11:04	
sec-Butylbenzene	ug/kg	<25.0	60.0	12/12/12 11:04	
Styrene	ug/kg	<25.0	60.0	12/12/12 11:04	
tert-Butylbenzene	ug/kg	<25.0	60.0	12/12/12 11:04	
Tetrachloroethene	ug/kg	<25.0	60.0	12/12/12 11:04	
Toluene	ug/kg	<25.0	60.0	12/12/12 11:04	
trans-1,2-Dichloroethene	ug/kg	<25.0	60.0	12/12/12 11:04	
trans-1,3-Dichloropropene	ug/kg	<25.0	60.0	12/12/12 11:04	
Trichloroethene	ug/kg	<25.0	60.0	12/12/12 11:04	
Trichlorofluoromethane	ug/kg	<25.0	60.0	12/12/12 11:04	
Vinyl chloride	ug/kg	<25.0	60.0	12/12/12 11:04	
4-Bromofluorobenzene (S)	%.	110	49-130	12/12/12 11:04	
Dibromofluoromethane (S)	%.	111	57-130	12/12/12 11:04	
Toluene-d8 (S)	%.	112	54-133	12/12/12 11:04	

LABORATORY CONTROL SAMPLE & LCSD: 726121 726122

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2660	2630	106	105	70-130	1	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2260	2180	90	87	70-130	4	20	
1,1,2-Trichloroethane	ug/kg	2500	2450	2430	98	97	70-130	1	20	
1,1-Dichloroethane	ug/kg	2500	2590	2510	103	101	70-130	3	20	
1,1-Dichloroethene	ug/kg	2500	2580	2480	103	99	64-130	4	20	
1,2,4-Trichlorobenzene	ug/kg	2500	2220	2230	89	89	68-130	0	20	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2080	2150	83	86	50-150	4	20	
1,2-Dibromoethane (EDB)	ug/kg	2500	2540	2470	102	99	70-130	3	20	
1,2-Dichlorobenzene	ug/kg	2500	2270	2220	91	89	70-130	2	20	
1,2-Dichloroethane	ug/kg	2500	2530	2560	101	102	70-130	1	20	
1,2-Dichloropropane	ug/kg	2500	2640	2530	106	101	70-130	4	20	
1,3-Dichlorobenzene	ug/kg	2500	2290	2220	92	89	70-130	3	20	
1,4-Dichlorobenzene	ug/kg	2500	2350	2270	94	91	70-130	3	20	
Benzene	ug/kg	2500	2290	2280	92	91	70-130	0	20	
Bromodichloromethane	ug/kg	2500	2650	2610	106	105	70-130	1	20	
Bromoform	ug/kg	2500	2820	2680	113	107	63-130	5	20	
Bromomethane	ug/kg	2500	2640	2750	105	110	41-142	4	20	

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QUALITY CONTROL DATA

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

LABORATORY CONTROL SAMPLE & LCSD: 726121 726122

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/kg	2500	2630	2600	105	104	70-130	1	20	
Chlorobenzene	ug/kg	2500	2450	2400	98	96	70-130	2	20	
Chloroethane	ug/kg	2500	2530	2380	101	95	57-130	6	20	
Chloroform	ug/kg	2500	2700	2740	108	109	70-130	1	20	
Chloromethane	ug/kg	2500	1570	1540	63	62	57-130	2	20	
cis-1,2-Dichloroethene	ug/kg	2500	2400	2380	96	95	70-130	1	20	
cis-1,3-Dichloropropene	ug/kg	2500	2520	2440	101	98	70-130	3	20	
Dibromochloromethane	ug/kg	2500	2590	2500	103	100	70-130	3	20	
Dichlorodifluoromethane	ug/kg	2500	1610	1600	64	64	31-150	1	20	
Ethylbenzene	ug/kg	2500	2510	2440	101	98	65-137	3	20	
Isopropylbenzene (Cumene)	ug/kg	2500	2520	2460	101	98	70-130	2	20	
m&p-Xylene	ug/kg	5000	5150	4950	103	99	64-139	4	20	
Methyl-tert-butyl ether	ug/kg	2500	2550	2500	102	100	69-130	2	20	
Methylene Chloride	ug/kg	2500	2450	2390	98	95	70-130	3	20	
o-Xylene	ug/kg	2500	2490	2470	100	99	63-135	1	20	
Styrene	ug/kg	2500	2370	2320	95	93	69-130	2	20	
Tetrachloroethene	ug/kg	2500	2650	2500	106	100	70-130	6	20	
Toluene	ug/kg	2500	2500	2410	100	96	70-130	4	20	
trans-1,2-Dichloroethene	ug/kg	2500	2500	2480	100	99	70-130	1	20	
trans-1,3-Dichloropropene	ug/kg	2500	2610	2540	104	102	70-130	3	20	
Trichloroethene	ug/kg	2500	2720	2590	109	104	70-130	5	20	
Trichlorofluoromethane	ug/kg	2500	2960	2970	118	119	50-150	0	20	
Vinyl chloride	ug/kg	2500	1870	1830	75	73	57-130	2	20	
4-Bromofluorobenzene (S)	%.				109	108	49-130			
Dibromofluoromethane (S)	%.				108	108	57-130			
Toluene-d8 (S)	%.				108	107	54-133			

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QUALITY CONTROL DATA

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

QC Batch: MSV/18054 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 4071763001, 4071763002, 4071763003, 4071763005, 4071763006, 4071763007, 4071763009, 4071763010, 4071763011, 4071763012, 4071763013, 4071763014, 4071763015

METHOD BLANK: 726137 Matrix: Solid
Associated Lab Samples: 4071763001, 4071763002, 4071763003, 4071763005, 4071763006, 4071763007, 4071763009, 4071763010, 4071763011, 4071763012, 4071763013, 4071763014, 4071763015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<25.0	60.0	12/12/12 10:06	
1,1,1-Trichloroethane	ug/kg	<25.0	60.0	12/12/12 10:06	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	60.0	12/12/12 10:06	
1,1,2-Trichloroethane	ug/kg	<25.0	60.0	12/12/12 10:06	
1,1-Dichloroethane	ug/kg	<25.0	60.0	12/12/12 10:06	
1,1-Dichloroethene	ug/kg	<25.0	60.0	12/12/12 10:06	
1,1-Dichloropropene	ug/kg	<25.0	60.0	12/12/12 10:06	
1,2,3-Trichlorobenzene	ug/kg	<25.0	60.0	12/12/12 10:06	
1,2,3-Trichloropropane	ug/kg	<25.0	60.0	12/12/12 10:06	
1,2,4-Trichlorobenzene	ug/kg	<25.0	60.0	12/12/12 10:06	
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	12/12/12 10:06	
1,2-Dibromo-3-chloropropane	ug/kg	<82.3	250	12/12/12 10:06	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	60.0	12/12/12 10:06	
1,2-Dichlorobenzene	ug/kg	<44.4	60.0	12/12/12 10:06	
1,2-Dichloroethane	ug/kg	<25.0	60.0	12/12/12 10:06	
1,2-Dichloropropane	ug/kg	<25.0	60.0	12/12/12 10:06	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	12/12/12 10:06	
1,3-Dichlorobenzene	ug/kg	<25.0	60.0	12/12/12 10:06	
1,3-Dichloropropane	ug/kg	<25.0	60.0	12/12/12 10:06	
1,4-Dichlorobenzene	ug/kg	<25.0	60.0	12/12/12 10:06	
2,2-Dichloropropane	ug/kg	<25.0	60.0	12/12/12 10:06	
2-Chlorotoluene	ug/kg	<25.0	60.0	12/12/12 10:06	
4-Chlorotoluene	ug/kg	<25.0	60.0	12/12/12 10:06	
Benzene	ug/kg	<25.0	60.0	12/12/12 10:06	
Bromobenzene	ug/kg	<25.0	60.0	12/12/12 10:06	
Bromochloromethane	ug/kg	<25.0	60.0	12/12/12 10:06	
Bromodichloromethane	ug/kg	<25.0	60.0	12/12/12 10:06	
Bromoform	ug/kg	<25.9	60.0	12/12/12 10:06	
Bromomethane	ug/kg	<25.0	60.0	12/12/12 10:06	
Carbon tetrachloride	ug/kg	<25.0	60.0	12/12/12 10:06	
Chlorobenzene	ug/kg	<25.0	60.0	12/12/12 10:06	
Chloroethane	ug/kg	<25.0	60.0	12/12/12 10:06	
Chloroform	ug/kg	<25.0	60.0	12/12/12 10:06	
Chloromethane	ug/kg	<25.0	60.0	12/12/12 10:06	
cis-1,2-Dichloroethene	ug/kg	<25.0	60.0	12/12/12 10:06	
cis-1,3-Dichloropropene	ug/kg	<25.0	60.0	12/12/12 10:06	
Dibromochloromethane	ug/kg	<25.0	60.0	12/12/12 10:06	
Dibromomethane	ug/kg	<25.0	60.0	12/12/12 10:06	
Dichlorodifluoromethane	ug/kg	<25.0	60.0	12/12/12 10:06	
Diisopropyl ether	ug/kg	<25.0	60.0	12/12/12 10:06	
Ethylbenzene	ug/kg	<25.0	60.0	12/12/12 10:06	

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QUALITY CONTROL DATA

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

METHOD BLANK: 726137 Matrix: Solid

Associated Lab Samples: 4071763001, 4071763002, 4071763003, 4071763005, 4071763006, 4071763007, 4071763009, 4071763010, 4071763011, 4071763012, 4071763013, 4071763014, 4071763015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<26.4	60.0	12/12/12 10:06	
Isopropylbenzene (Cumene)	ug/kg	<25.0	60.0	12/12/12 10:06	
m&p-Xylene	ug/kg	<50.0	120	12/12/12 10:06	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	12/12/12 10:06	
Methylene Chloride	ug/kg	28.7J	60.0	12/12/12 10:06	
n-Butylbenzene	ug/kg	<40.4	60.0	12/12/12 10:06	
n-Propylbenzene	ug/kg	<25.0	60.0	12/12/12 10:06	
Naphthalene	ug/kg	<25.0	60.0	12/12/12 10:06	
o-Xylene	ug/kg	<25.0	60.0	12/12/12 10:06	
p-Isopropyltoluene	ug/kg	<25.0	60.0	12/12/12 10:06	
sec-Butylbenzene	ug/kg	<25.0	60.0	12/12/12 10:06	
Styrene	ug/kg	<25.0	60.0	12/12/12 10:06	
tert-Butylbenzene	ug/kg	<25.0	60.0	12/12/12 10:06	
Tetrachloroethene	ug/kg	<25.0	60.0	12/12/12 10:06	
Toluene	ug/kg	<25.0	60.0	12/12/12 10:06	
trans-1,2-Dichloroethene	ug/kg	<25.0	60.0	12/12/12 10:06	
trans-1,3-Dichloropropene	ug/kg	<25.0	60.0	12/12/12 10:06	
Trichloroethene	ug/kg	<25.0	60.0	12/12/12 10:06	
Trichlorofluoromethane	ug/kg	<25.0	60.0	12/12/12 10:06	
Vinyl chloride	ug/kg	<25.0	60.0	12/12/12 10:06	
4-Bromofluorobenzene (S)	%.	103	49-130	12/12/12 10:06	
Dibromofluoromethane (S)	%.	97	57-130	12/12/12 10:06	
Toluene-d8 (S)	%.	110	54-133	12/12/12 10:06	

LABORATORY CONTROL SAMPLE & LCSD: 726138 726139

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2310	2440	93	97	70-130	5	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2580	2610	103	104	70-130	1	20	
1,1,2-Trichloroethane	ug/kg	2500	2500	2490	100	100	70-130	1	20	
1,1-Dichloroethane	ug/kg	2500	2760	3020	111	121	70-130	9	20	
1,1-Dichloroethene	ug/kg	2500	2600	2650	104	106	64-130	2	20	
1,2,4-Trichlorobenzene	ug/kg	2500	2550	2710	102	108	68-130	6	20	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2410	2430	96	97	50-150	1	20	
1,2-Dibromoethane (EDB)	ug/kg	2500	2630	2660	105	106	70-130	1	20	
1,2-Dichlorobenzene	ug/kg	2500	2640	2690	106	108	70-130	2	20	
1,2-Dichloroethane	ug/kg	2500	2610	2690	105	107	70-130	3	20	
1,2-Dichloropropane	ug/kg	2500	2460	2550	98	102	70-130	4	20	
1,3-Dichlorobenzene	ug/kg	2500	2550	2710	102	109	70-130	6	20	
1,4-Dichlorobenzene	ug/kg	2500	2620	2730	105	109	70-130	4	20	
Benzene	ug/kg	2500	2310	2510	93	100	70-130	8	20	
Bromodichloromethane	ug/kg	2500	2430	2410	97	96	70-130	1	20	
Bromoform	ug/kg	2500	2050	2080	82	83	63-130	2	20	
Bromomethane	ug/kg	2500	3320	3430	133	137	41-142	3	20	

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QUALITY CONTROL DATA

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

LABORATORY CONTROL SAMPLE & LCSD: 726138 726139

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/kg	2500	2360	2400	95	96	70-130	2	20	
Chlorobenzene	ug/kg	2500	2590	2650	104	106	70-130	2	20	
Chloroethane	ug/kg	2500	3290	3490	131	140	57-130	6	20	L0
Chloroform	ug/kg	2500	2500	2570	100	103	70-130	3	20	
Chloromethane	ug/kg	2500	2150	2280	86	91	57-130	6	20	
cis-1,2-Dichloroethene	ug/kg	2500	2370	2460	95	98	70-130	4	20	
cis-1,3-Dichloropropene	ug/kg	2500	2270	2280	91	91	70-130	1	20	
Dibromochloromethane	ug/kg	2500	2390	2430	96	97	70-130	1	20	
Dichlorodifluoromethane	ug/kg	2500	1760	1840	70	74	31-150	4	20	
Ethylbenzene	ug/kg	2500	2550	2640	102	106	65-137	4	20	
Isopropylbenzene (Cumene)	ug/kg	2500	2610	2660	104	106	70-130	2	20	
m&p-Xylene	ug/kg	5000	5250	5400	105	108	64-139	3	20	
Methyl-tert-butyl ether	ug/kg	2500	2650	2790	106	112	69-130	5	20	
Methylene Chloride	ug/kg	2500	2760	2920	110	117	70-130	6	20	
o-Xylene	ug/kg	2500	2610	2640	104	106	63-135	1	20	
Styrene	ug/kg	2500	2480	2450	99	98	69-130	1	20	
Tetrachloroethene	ug/kg	2500	2580	2590	103	104	70-130	1	20	
Toluene	ug/kg	2500	2490	2550	99	102	70-130	2	20	
trans-1,2-Dichloroethene	ug/kg	2500	2660	2740	107	110	70-130	3	20	
trans-1,3-Dichloropropene	ug/kg	2500	2500	2550	100	102	70-130	2	20	
Trichloroethene	ug/kg	2500	2460	2600	98	104	70-130	6	20	
Trichlorofluoromethane	ug/kg	2500	2710	2810	108	113	50-150	4	20	
Vinyl chloride	ug/kg	2500	2220	2340	89	94	57-130	5	20	
4-Bromofluorobenzene (S)	%.				102	108	49-130			
Dibromofluoromethane (S)	%.				101	105	57-130			
Toluene-d8 (S)	%.				107	110	54-133			

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QUALITY CONTROL DATA

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

QC Batch: PMST/8055
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4071763001, 4071763002, 4071763003, 4071763004, 4071763005, 4071763006, 4071763007, 4071763008, 4071763009, 4071763010, 4071763011, 4071763012, 4071763013, 4071763014, 4071763015, 4071763016, 4071763017, 4071763018, 4071763019

SAMPLE DUPLICATE: 728964

Parameter	Units	4072034001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.7	7.7	1	10	

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QUALITY CONTROL DATA

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

QC Batch: PMST/8056 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4071763020, 4071763021, 4071763022, 4071763023, 4071763024, 4071763025, 4071763026, 4071763027

SAMPLE DUPLICATE: 729056

Parameter	Units	4071967025 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.9	13.4	4	10	

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QUALITY CONTROL DATA

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

QC Batch: WETA/15599 Analysis Method: EPA 9060 Modified
QC Batch Method: EPA 9060 Modified Analysis Description: 9060 TOC Average
Associated Lab Samples: 4071763004, 4071763008, 4071763018, 4071763025

METHOD BLANK: 728478 Matrix: Solid
Associated Lab Samples: 4071763004, 4071763008, 4071763018, 4071763025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mean Total Organic Carbon	mg/kg	<70.0	250	12/21/12 09:04	

LABORATORY CONTROL SAMPLE: 728479

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mean Total Organic Carbon	mg/kg	1000	983	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 728480 728481

Parameter	Units	4071763008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mean Total Organic Carbon	mg/kg	4240	4830	4600	9120	8820	101	100	50-150	3	30	

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QUALIFIERS

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: MSV/18053

[1]	A matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/18055

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: WETA/15599

[WB]	Results reported on dry weight basis per cited method.

Batch: WETA/15600

[WB]	Results reported on dry weight basis per cited method.

ANALYTE QUALIFIERS

1q	Sample was received with vial septa reversed, preventing an airtight seal. Analytical results should be considered minimum values.
B	Analyte was detected in the associated method blank.
C4	Sample container did not meet EPA or method requirements.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
W	Non-detect results are reported on a wet weight basis.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4071763001	B10 2-3	EPA 5035/5030B	MSV/18054	EPA 8260	MSV/18055
4071763002	B10 3-4	EPA 5035/5030B	MSV/18054	EPA 8260	MSV/18055
4071763003	B11 2-3	EPA 5035/5030B	MSV/18054	EPA 8260	MSV/18055
4071763005	B11 5-6	EPA 5035/5030B	MSV/18054	EPA 8260	MSV/18055
4071763006	B12 2-3	EPA 5035/5030B	MSV/18054	EPA 8260	MSV/18055
4071763007	B12 4-5	EPA 5035/5030B	MSV/18054	EPA 8260	MSV/18055
4071763009	B13 2-3	EPA 5035/5030B	MSV/18054	EPA 8260	MSV/18055
4071763010	B13 4-5	EPA 5035/5030B	MSV/18054	EPA 8260	MSV/18055
4071763011	B14 2-3	EPA 5035/5030B	MSV/18054	EPA 8260	MSV/18055
4071763012	B14 4-5	EPA 5035/5030B	MSV/18054	EPA 8260	MSV/18055
4071763013	B15 2-3	EPA 5035/5030B	MSV/18054	EPA 8260	MSV/18055
4071763014	B15 5-6	EPA 5035/5030B	MSV/18054	EPA 8260	MSV/18055
4071763015	B16 2-3	EPA 5035/5030B	MSV/18054	EPA 8260	MSV/18055
4071763016	B16 4-4.5	EPA 5035/5030B	MSV/18052	EPA 8260	MSV/18053
4071763017	B17 1-2	EPA 5035/5030B	MSV/18052	EPA 8260	MSV/18053
4071763018	B17 2.5-3.5	EPA 5035/5030B	MSV/18052	EPA 8260	MSV/18053
4071763019	B18 2-3	EPA 5035/5030B	MSV/18052	EPA 8260	MSV/18053
4071763020	B18 3-4	EPA 5035/5030B	MSV/18052	EPA 8260	MSV/18053
4071763021	B19 2-3	EPA 5035/5030B	MSV/18052	EPA 8260	MSV/18053
4071763022	B19 4-4.75	EPA 5035/5030B	MSV/18052	EPA 8260	MSV/18053
4071763023	B20 1.5-2.5	EPA 5035/5030B	MSV/18052	EPA 8260	MSV/18053
4071763024	B20 4-5	EPA 5035/5030B	MSV/18052	EPA 8260	MSV/18053
4071763026	B21 2-3	EPA 5035/5030B	MSV/18052	EPA 8260	MSV/18053
4071763027	B21 4-4.5	EPA 5035/5030B	MSV/18052	EPA 8260	MSV/18053
4071763001	B10 2-3	ASTM D2974-87	PMST/8055		
4071763002	B10 3-4	ASTM D2974-87	PMST/8055		
4071763003	B11 2-3	ASTM D2974-87	PMST/8055		
4071763004	B11 3-4	ASTM D2974-87	PMST/8055		
4071763005	B11 5-6	ASTM D2974-87	PMST/8055		
4071763006	B12 2-3	ASTM D2974-87	PMST/8055		
4071763007	B12 4-5	ASTM D2974-87	PMST/8055		
4071763008	B12 3.5-4	ASTM D2974-87	PMST/8055		
4071763009	B13 2-3	ASTM D2974-87	PMST/8055		
4071763010	B13 4-5	ASTM D2974-87	PMST/8055		
4071763011	B14 2-3	ASTM D2974-87	PMST/8055		
4071763012	B14 4-5	ASTM D2974-87	PMST/8055		
4071763013	B15 2-3	ASTM D2974-87	PMST/8055		
4071763014	B15 5-6	ASTM D2974-87	PMST/8055		
4071763015	B16 2-3	ASTM D2974-87	PMST/8055		
4071763016	B16 4-4.5	ASTM D2974-87	PMST/8055		
4071763017	B17 1-2	ASTM D2974-87	PMST/8055		
4071763018	B17 2.5-3.5	ASTM D2974-87	PMST/8055		
4071763019	B18 2-3	ASTM D2974-87	PMST/8055		
4071763020	B18 3-4	ASTM D2974-87	PMST/8056		
4071763021	B19 2-3	ASTM D2974-87	PMST/8056		
4071763022	B19 4-4.75	ASTM D2974-87	PMST/8056		
4071763023	B20 1.5-2.5	ASTM D2974-87	PMST/8056		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: RIL-2012-01 OHM GREEN BAY
Pace Project No.: 4071763

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4071763024	**B20 4-5**	ASTM D2974-87	PMST/8056		
4071763025	**B20 4-4.5**	ASTM D2974-87	PMST/8056		
4071763026	**B21 2-3**	ASTM D2974-87	PMST/8056		
4071763027	**B21 4-4.5**	ASTM D2974-87	PMST/8056		
4071763004	**B11 3-4**	EPA 9060 Modified	WETA/15599		
4071763004	**B11 3-4**	EPA 9060 Modified	WETA/15600		
4071763008	**B12 3.5-4**	EPA 9060 Modified	WETA/15599		
4071763008	**B12 3.5-4**	EPA 9060 Modified	WETA/15600		
4071763018	**B17 2.5-3.5**	EPA 9060 Modified	WETA/15599		
4071763018	**B17 2.5-3.5**	EPA 9060 Modified	WETA/15600		
4071763025	**B20 4-4.5**	EPA 9060 Modified	WETA/15599		
4071763025	**B20 4-4.5**	EPA 9060 Modified	WETA/15600		

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

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CHAIN OF CUSTODY

4071763

JBT

(Please Print Clearly)	
Company Name:	ALPHA TERRA SCIENCE
Branch/Location:	PLY
Project Contact:	KEN EBBOTT
Phone:	920-892-24440
Project Number:	RIC-2012-01
Project Name:	OTM GREEN BAY
Project State:	WI
Sampled By (Print):	MEGAN HANSEN
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	ANNUAL
Mail To Contact:	KEN EBBOTT / MEGAN HANSEN
Mail To Company:	ALPHA TERRA SCIENCE
Mail To Address:	1237 PILGRIM RD PLYMOUTH, WI 53073
Invoice To Contact:	Kim Moertz
Invoice To Company:	Rice Enterprises
Invoice To Address:	c/o ATS
Invoice To Phone:	

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: VOC	Analyses Requested: TOC	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					N	F		N			
						A					
001	B10 2-3	12/11	910	S			X			1-402pA 1-40mlvF	
002	B-10 3-4		913				X				
003	B11 2-3		0945				X				
004	B11 3-4		950					X			
005	B11 5-6		1000				X				
006	B12 2-3		1050				X				
007	B12 4-5		1055				X				
008	B12 3.5-4		1057					X			
009	B13 2-3		1045				X				
010	B13 4-5		1047				X				
011	B14 2-3		1010				X				
012	B14 4-5		1013				X				
013	B15 2-3		1028				X				

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	12/11/12 1550	[signature]	12-11-12 1550

PACE Project No.
4071763

Receipt Temp = 12.01 °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

4071763

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MN: 612-607-1700 **WI:** 920-469-2436

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	ALPHA TERRA SCIENCE
Branch/Location:	
Project Contact:	
Phone:	
Project Number:	RIC-2012-01
Project Name:	
Project State:	
Sampled By (Print):	
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	
Mail To Company:	Lee
Mail To Address:	Parker
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SL = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: VOC	Analyses Requested: TOC	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					N	F					
					N	A					
014	B15 5-6	12/4/12	1030	S			X			1-40zp H 1-40 mL V	
015	B16 2-3		1200				X				
016	B16 4-4.5		1202				X				
017	B17 1-2		1219				X				
018	B17 2.5-3.5		1220				X	X			
019	B18 2-3		1305				X				
020	B18 3-4		1306				X				
021	B19 2-3		1255				X				
022	B19 3.5-4.75		1258				X				
023	B20 1.5-2.5		1245				X				
024	B20 4-5		1248				X				
025	B20 4-4.5		1248					X			
026	B21 2-3		1240				X				

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	12/4/12 1550	[signature]	12/4/12 1550

PACE Project No.: 4071763

Receipt Temp = 20.1 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal: Present / Not Present; Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

4071763

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Pace Analytical®
www.pacelabs.com

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	ALPHA TERRA
Branch/Location:	
Project Contact:	
Phone:	
Project Number:	RIC-2012-01
Project Name:	
Project State:	
Sampled By (Print):	
Sampled By (Sign):	
PO #:	
Regulatory Program:	

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes

A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
SI = Sludge	WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					N	F	VOC			
027	B21 4-4.5	12/11/12	1242	S			X		1-40mL A 1-40mL F	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
	12/11/12 1550		12-12 1550
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

PACE Project No.
4071763

Receipt Temp = R01 °C
Sample Receipt pH
OK / Adjusted
Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Pace Analytical

Sample Condition Upon Receipt

Client Name: Alpha Terra Project # 4671763

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None Other

Optional
Proj. Due Date:
Proj. Name:

Thermometer Used NA **Type of Ice:** (Wet) Blue Dry None F Samples on ice, cooling process has begun

Cooler Temperature R01 **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: 12/11/12
Initials: CMD

Temp should be above freezing to 6°C for all sample except Biota.
Biota Samples should be received ≤ 0°C.

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9. received 4oz p^A for TOC. 12-11-12 BF
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: S		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.
Trip Blank Present:	☐Yes ☐No ☑N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: C03 + C14 vials have flipped septas. 12-11-12 BF
Tare weights on vials covered by client. 12-11-12 BF

Project Manager Review: _____ Date: 12/12/12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

December 19, 2012

Ken Ebbott
Alpha Terra Science - Plymouth
1237 South Pilgrim Rd
Plymouth, WI 53073

RE: Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

Dear Ken Ebbott:
Enclosed are the analytical results for sample(s) received by the laboratory on December 14, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kang Khang

kang.khang@pacelabs.com
Project Manager

Enclosures

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

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SAMPLE SUMMARY

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4071959001	**MW-1**	Water	12/12/12 12:50	12/14/12 14:55
4071959002	**PZ-1**	Water	12/12/12 12:40	12/14/12 14:55
4071959003	**MW-2**	Water	12/12/12 12:55	12/14/12 14:55
4071959004	**MW-3**	Water	12/12/12 13:45	12/14/12 14:55
4071959005	**MW-4**	Water	12/12/12 13:35	12/14/12 14:55
4071959006	**MW-5**	Water	12/12/12 13:25	12/14/12 14:55
4071959007	**MW-6**	Water	12/12/12 13:20	12/14/12 14:55
4071959008	**MW-7**	Water	12/12/12 13:05	12/14/12 14:55
4071959009	**MW-8**	Water	12/12/12 12:25	12/14/12 14:55
4071959010	**MW-9**	Water	12/12/12 13:10	12/14/12 14:55

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SAMPLE ANALYTE COUNT

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4071959001	**MW-1**	EPA 8260	SMT	64	PASI-G
4071959002	**PZ-1**	EPA 8260	SMT	64	PASI-G
4071959003	**MW-2**	EPA 8260	SMT	64	PASI-G
4071959004	**MW-3**	EPA 8260	SMT	64	PASI-G
4071959005	**MW-4**	EPA 8260	SMT	64	PASI-G
4071959006	**MW-5**	EPA 8260	SMT	64	PASI-G
4071959007	**MW-6**	EPA 8260	SMT	64	PASI-G
4071959008	**MW-7**	EPA 8260	SMT	64	PASI-G
4071959009	**MW-8**	EPA 8260	SMT	64	PASI-G
4071959010	**MW-9**	EPA 8260	SMT	64	PASI-G

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ANALYTICAL RESULTS

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

Sample: MW-1 **Lab ID: 4071959001** Collected: 12/12/12 12:50 Received: 12/14/12 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		12/18/12 21:23	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		12/18/12 21:23	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		12/18/12 21:23	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		12/18/12 21:23	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		12/18/12 21:23	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		12/18/12 21:23	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		12/18/12 21:23	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		12/18/12 21:23	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/18/12 21:23	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		12/18/12 21:23	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		12/18/12 21:23	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		12/18/12 21:23	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/18/12 21:23	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		12/18/12 21:23	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		12/18/12 21:23	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		12/18/12 21:23	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		12/18/12 21:23	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		12/18/12 21:23	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		12/18/12 21:23	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		12/18/12 21:23	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		12/18/12 21:23	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		12/18/12 21:23	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		12/18/12 21:23	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		12/18/12 21:23	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		12/18/12 21:23	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		12/18/12 21:23	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		12/18/12 21:23	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		12/18/12 21:23	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		12/18/12 21:23	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		12/18/12 21:23	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		12/18/12 21:23	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		12/18/12 21:23	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		12/18/12 21:23	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/18/12 21:23	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		12/18/12 21:23	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		12/18/12 21:23	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		12/18/12 21:23	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		12/18/12 21:23	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		12/18/12 21:23	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		12/18/12 21:23	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		12/18/12 21:23	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		12/18/12 21:23	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		12/18/12 21:23	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		12/18/12 21:23	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		12/18/12 21:23	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		12/18/12 21:23	630-20-6	

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ANALYTICAL RESULTS

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

Sample: MW-1 **Lab ID: 4071959001** Collected: 12/12/12 12:50 Received: 12/14/12 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/18/12 21:23	79-34-5	
Tetrachloroethene	**6.5**	ug/L	1.0	0.45	1		12/18/12 21:23	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		12/18/12 21:23	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		12/18/12 21:23	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	5.0	0.97	1		12/18/12 21:23	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		12/18/12 21:23	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		12/18/12 21:23	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		12/18/12 21:23	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		12/18/12 21:23	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		12/18/12 21:23	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/18/12 21:23	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		12/18/12 21:23	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		12/18/12 21:23	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		12/18/12 21:23	179601-23-1	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		12/18/12 21:23	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	78	%.	43-137		1		12/18/12 21:23	460-00-4	
Dibromofluoromethane (S)	95	%.	70-130		1		12/18/12 21:23	1868-53-7	
Toluene-d8 (S)	86	%.	55-137		1		12/18/12 21:23	2037-26-5	

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ANALYTICAL RESULTS

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

Sample: PZ-1 **Lab ID: 4071959002** Collected: 12/12/12 12:40 Received: 12/14/12 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		12/18/12 21:45	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		12/18/12 21:45	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		12/18/12 21:45	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		12/18/12 21:45	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		12/18/12 21:45	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		12/18/12 21:45	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		12/18/12 21:45	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		12/18/12 21:45	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/18/12 21:45	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		12/18/12 21:45	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		12/18/12 21:45	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		12/18/12 21:45	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/18/12 21:45	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		12/18/12 21:45	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		12/18/12 21:45	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		12/18/12 21:45	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		12/18/12 21:45	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		12/18/12 21:45	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		12/18/12 21:45	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		12/18/12 21:45	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		12/18/12 21:45	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		12/18/12 21:45	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		12/18/12 21:45	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		12/18/12 21:45	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		12/18/12 21:45	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		12/18/12 21:45	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		12/18/12 21:45	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		12/18/12 21:45	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		12/18/12 21:45	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		12/18/12 21:45	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		12/18/12 21:45	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		12/18/12 21:45	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		12/18/12 21:45	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/18/12 21:45	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		12/18/12 21:45	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		12/18/12 21:45	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		12/18/12 21:45	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		12/18/12 21:45	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		12/18/12 21:45	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		12/18/12 21:45	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		12/18/12 21:45	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		12/18/12 21:45	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		12/18/12 21:45	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		12/18/12 21:45	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		12/18/12 21:45	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		12/18/12 21:45	630-20-6	

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ANALYTICAL RESULTS

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

Sample: PZ-1 **Lab ID: 4071959002** Collected: 12/12/12 12:40 Received: 12/14/12 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/18/12 21:45	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		12/18/12 21:45	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		12/18/12 21:45	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		12/18/12 21:45	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	5.0	0.97	1		12/18/12 21:45	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		12/18/12 21:45	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		12/18/12 21:45	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		12/18/12 21:45	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		12/18/12 21:45	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		12/18/12 21:45	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/18/12 21:45	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		12/18/12 21:45	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		12/18/12 21:45	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		12/18/12 21:45	179601-23-1	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		12/18/12 21:45	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	80	%.	43-137		1		12/18/12 21:45	460-00-4	
Dibromofluoromethane (S)	98	%.	70-130		1		12/18/12 21:45	1868-53-7	
Toluene-d8 (S)	85	%.	55-137		1		12/18/12 21:45	2037-26-5	

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ANALYTICAL RESULTS

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

Sample: MW-2 **Lab ID: 4071959003** Collected: 12/12/12 12:55 Received: 12/14/12 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		12/18/12 22:08	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		12/18/12 22:08	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		12/18/12 22:08	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		12/18/12 22:08	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		12/18/12 22:08	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		12/18/12 22:08	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		12/18/12 22:08	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		12/18/12 22:08	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/18/12 22:08	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		12/18/12 22:08	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		12/18/12 22:08	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		12/18/12 22:08	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/18/12 22:08	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		12/18/12 22:08	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		12/18/12 22:08	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		12/18/12 22:08	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		12/18/12 22:08	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		12/18/12 22:08	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		12/18/12 22:08	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		12/18/12 22:08	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		12/18/12 22:08	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		12/18/12 22:08	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		12/18/12 22:08	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		12/18/12 22:08	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		12/18/12 22:08	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		12/18/12 22:08	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		12/18/12 22:08	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		12/18/12 22:08	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		12/18/12 22:08	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		12/18/12 22:08	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		12/18/12 22:08	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		12/18/12 22:08	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		12/18/12 22:08	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/18/12 22:08	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		12/18/12 22:08	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		12/18/12 22:08	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		12/18/12 22:08	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		12/18/12 22:08	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		12/18/12 22:08	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		12/18/12 22:08	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		12/18/12 22:08	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		12/18/12 22:08	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		12/18/12 22:08	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		12/18/12 22:08	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		12/18/12 22:08	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		12/18/12 22:08	630-20-6	

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ANALYTICAL RESULTS

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

Sample: MW-2 **Lab ID: 4071959003** Collected: 12/12/12 12:55 Received: 12/14/12 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/18/12 22:08	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		12/18/12 22:08	127-18-4	
Toluene	**1.6**	ug/L	1.0	0.67	1		12/18/12 22:08	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		12/18/12 22:08	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	5.0	0.97	1		12/18/12 22:08	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		12/18/12 22:08	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		12/18/12 22:08	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		12/18/12 22:08	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		12/18/12 22:08	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		12/18/12 22:08	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/18/12 22:08	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		12/18/12 22:08	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		12/18/12 22:08	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		12/18/12 22:08	179601-23-1	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		12/18/12 22:08	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	80	%.	43-137		1		12/18/12 22:08	460-00-4	
Dibromofluoromethane (S)	91	%.	70-130		1		12/18/12 22:08	1868-53-7	
Toluene-d8 (S)	86	%.	55-137		1		12/18/12 22:08	2037-26-5	

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ANALYTICAL RESULTS

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

Sample: MW-3 **Lab ID: 4071959004** Collected: 12/12/12 13:45 Received: 12/14/12 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<102**	ug/L	250	102	250		12/19/12 02:59	71-43-2	
Bromobenzene	**<205**	ug/L	250	205	250		12/19/12 02:59	108-86-1	
Bromochloromethane	**<242**	ug/L	250	242	250		12/19/12 02:59	74-97-5	
Bromodichloromethane	**<140**	ug/L	250	140	250		12/19/12 02:59	75-27-4	
Bromoform	**<235**	ug/L	250	235	250		12/19/12 02:59	75-25-2	
Bromomethane	**<228**	ug/L	250	228	250		12/19/12 02:59	74-83-9	
n-Butylbenzene	**<232**	ug/L	250	232	250		12/19/12 02:59	104-51-8	
sec-Butylbenzene	**<222**	ug/L	1250	222	250		12/19/12 02:59	135-98-8	
tert-Butylbenzene	**<242**	ug/L	250	242	250		12/19/12 02:59	98-06-6	
Carbon tetrachloride	**<122**	ug/L	250	122	250		12/19/12 02:59	56-23-5	
Chlorobenzene	**<102**	ug/L	250	102	250		12/19/12 02:59	108-90-7	
Chloroethane	**<242**	ug/L	250	242	250		12/19/12 02:59	75-00-3	
Chloroform	**<325**	ug/L	1250	325	250		12/19/12 02:59	67-66-3	
Chloromethane	**<60.0**	ug/L	250	60.0	250		12/19/12 02:59	74-87-3	
2-Chlorotoluene	**<212**	ug/L	250	212	250		12/19/12 02:59	95-49-8	
4-Chlorotoluene	**<185**	ug/L	250	185	250		12/19/12 02:59	106-43-4	
1,2-Dibromo-3-chloropropane	**<420**	ug/L	1250	420	250		12/19/12 02:59	96-12-8	
Dibromochloromethane	**<202**	ug/L	250	202	250		12/19/12 02:59	124-48-1	
1,2-Dibromoethane (EDB)	**<140**	ug/L	250	140	250		12/19/12 02:59	106-93-4	
Dibromomethane	**<150**	ug/L	250	150	250		12/19/12 02:59	74-95-3	
1,2-Dichlorobenzene	**<208**	ug/L	250	208	250		12/19/12 02:59	95-50-1	
1,3-Dichlorobenzene	**<218**	ug/L	250	218	250		12/19/12 02:59	541-73-1	
1,4-Dichlorobenzene	**<238**	ug/L	250	238	250		12/19/12 02:59	106-46-7	
Dichlorodifluoromethane	**<248**	ug/L	250	248	250		12/19/12 02:59	75-71-8	
1,1-Dichloroethane	**<188**	ug/L	250	188	250		12/19/12 02:59	75-34-3	
1,2-Dichloroethane	**<90.0**	ug/L	250	90.0	250		12/19/12 02:59	107-06-2	
1,1-Dichloroethene	**<142**	ug/L	250	142	250		12/19/12 02:59	75-35-4	
cis-1,2-Dichloroethene	**<208**	ug/L	250	208	250		12/19/12 02:59	156-59-2	
trans-1,2-Dichloroethene	**<222**	ug/L	250	222	250		12/19/12 02:59	156-60-5	
1,2-Dichloropropane	**<122**	ug/L	250	122	250		12/19/12 02:59	78-87-5	
1,3-Dichloropropane	**<152**	ug/L	250	152	250		12/19/12 02:59	142-28-9	
2,2-Dichloropropane	**<155**	ug/L	250	155	250		12/19/12 02:59	594-20-7	
1,1-Dichloropropene	**<188**	ug/L	250	188	250		12/19/12 02:59	563-58-6	
cis-1,3-Dichloropropene	**<50.0**	ug/L	250	50.0	250		12/19/12 02:59	10061-01-5	
trans-1,3-Dichloropropene	**<47.5**	ug/L	250	47.5	250		12/19/12 02:59	10061-02-6	
Diisopropyl ether	**<190**	ug/L	250	190	250		12/19/12 02:59	108-20-3	
Ethylbenzene	**<135**	ug/L	250	135	250		12/19/12 02:59	100-41-4	
Hexachloro-1,3-butadiene	**<168**	ug/L	1250	168	250		12/19/12 02:59	87-68-3	
Isopropylbenzene (Cumene)	**<148**	ug/L	250	148	250		12/19/12 02:59	98-82-8	
p-Isopropyltoluene	**<168**	ug/L	250	168	250		12/19/12 02:59	99-87-6	
Methylene Chloride	**<108**	ug/L	250	108	250		12/19/12 02:59	75-09-2	
Methyl-tert-butyl ether	**<152**	ug/L	250	152	250		12/19/12 02:59	1634-04-4	
Naphthalene	**<222**	ug/L	1250	222	250		12/19/12 02:59	91-20-3	
n-Propylbenzene	**<202**	ug/L	250	202	250		12/19/12 02:59	103-65-1	
Styrene	**<215**	ug/L	250	215	250		12/19/12 02:59	100-42-5	
1,1,1,2-Tetrachloroethane	**<230**	ug/L	250	230	250		12/19/12 02:59	630-20-6	

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ANALYTICAL RESULTS

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

Sample: MW-3 **Lab ID: 4071959004** Collected: 12/12/12 13:45 Received: 12/14/12 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<50.0**	ug/L	250	50.0	250		12/19/12 02:59	79-34-5	
Tetrachloroethene	**13700**	ug/L	250	112	250		12/19/12 02:59	127-18-4	
Toluene	**<168**	ug/L	250	168	250		12/19/12 02:59	108-88-3	
1,2,3-Trichlorobenzene	**<185**	ug/L	250	185	250		12/19/12 02:59	87-61-6	
1,2,4-Trichlorobenzene	**<242**	ug/L	1250	242	250		12/19/12 02:59	120-82-1	
1,1,1-Trichloroethane	**<225**	ug/L	250	225	250		12/19/12 02:59	71-55-6	
1,1,2-Trichloroethane	**<105**	ug/L	250	105	250		12/19/12 02:59	79-00-5	
Trichloroethene	**1500**	ug/L	250	120	250		12/19/12 02:59	79-01-6	
Trichlorofluoromethane	**<198**	ug/L	250	198	250		12/19/12 02:59	75-69-4	
1,2,3-Trichloropropane	**<248**	ug/L	250	248	250		12/19/12 02:59	96-18-4	
1,2,4-Trimethylbenzene	**<242**	ug/L	250	242	250		12/19/12 02:59	95-63-6	
1,3,5-Trimethylbenzene	**<208**	ug/L	250	208	250		12/19/12 02:59	108-67-8	
Vinyl chloride	**<45.0**	ug/L	250	45.0	250		12/19/12 02:59	75-01-4	
m&p-Xylene	**<450**	ug/L	500	450	250		12/19/12 02:59	179601-23-1	
o-Xylene	**<208**	ug/L	250	208	250		12/19/12 02:59	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	79	%.	43-137		250		12/19/12 02:59	460-00-4	
Dibromofluoromethane (S)	94	%.	70-130		250		12/19/12 02:59	1868-53-7	
Toluene-d8 (S)	86	%.	55-137		250		12/19/12 02:59	2037-26-5	

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ANALYTICAL RESULTS

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

Sample: MW-4 **Lab ID: 4071959005** Collected: 12/12/12 13:35 Received: 12/14/12 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		12/18/12 22:30	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		12/18/12 22:30	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		12/18/12 22:30	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		12/18/12 22:30	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		12/18/12 22:30	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		12/18/12 22:30	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		12/18/12 22:30	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		12/18/12 22:30	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/18/12 22:30	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		12/18/12 22:30	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		12/18/12 22:30	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		12/18/12 22:30	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/18/12 22:30	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		12/18/12 22:30	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		12/18/12 22:30	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		12/18/12 22:30	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		12/18/12 22:30	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		12/18/12 22:30	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		12/18/12 22:30	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		12/18/12 22:30	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		12/18/12 22:30	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		12/18/12 22:30	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		12/18/12 22:30	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		12/18/12 22:30	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		12/18/12 22:30	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		12/18/12 22:30	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		12/18/12 22:30	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		12/18/12 22:30	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		12/18/12 22:30	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		12/18/12 22:30	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		12/18/12 22:30	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		12/18/12 22:30	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		12/18/12 22:30	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/18/12 22:30	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		12/18/12 22:30	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		12/18/12 22:30	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		12/18/12 22:30	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		12/18/12 22:30	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		12/18/12 22:30	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		12/18/12 22:30	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		12/18/12 22:30	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		12/18/12 22:30	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		12/18/12 22:30	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		12/18/12 22:30	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		12/18/12 22:30	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		12/18/12 22:30	630-20-6	

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ANALYTICAL RESULTS

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

Sample: MW-4 **Lab ID: 4071959005** Collected: 12/12/12 13:35 Received: 12/14/12 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/18/12 22:30	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		12/18/12 22:30	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		12/18/12 22:30	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		12/18/12 22:30	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	5.0	0.97	1		12/18/12 22:30	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		12/18/12 22:30	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		12/18/12 22:30	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		12/18/12 22:30	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		12/18/12 22:30	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		12/18/12 22:30	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/18/12 22:30	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		12/18/12 22:30	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		12/18/12 22:30	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		12/18/12 22:30	179601-23-1	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		12/18/12 22:30	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	79	%.	43-137		1		12/18/12 22:30	460-00-4	
Dibromofluoromethane (S)	94	%.	70-130		1		12/18/12 22:30	1868-53-7	
Toluene-d8 (S)	86	%.	55-137		1		12/18/12 22:30	2037-26-5	

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ANALYTICAL RESULTS

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

Sample: MW-5 **Lab ID: 4071959006** Collected: 12/12/12 13:25 Received: 12/14/12 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		12/18/12 22:52	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		12/18/12 22:52	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		12/18/12 22:52	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		12/18/12 22:52	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		12/18/12 22:52	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		12/18/12 22:52	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		12/18/12 22:52	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		12/18/12 22:52	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/18/12 22:52	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		12/18/12 22:52	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		12/18/12 22:52	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		12/18/12 22:52	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/18/12 22:52	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		12/18/12 22:52	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		12/18/12 22:52	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		12/18/12 22:52	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		12/18/12 22:52	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		12/18/12 22:52	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		12/18/12 22:52	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		12/18/12 22:52	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		12/18/12 22:52	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		12/18/12 22:52	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		12/18/12 22:52	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		12/18/12 22:52	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		12/18/12 22:52	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		12/18/12 22:52	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		12/18/12 22:52	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		12/18/12 22:52	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		12/18/12 22:52	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		12/18/12 22:52	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		12/18/12 22:52	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		12/18/12 22:52	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		12/18/12 22:52	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/18/12 22:52	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		12/18/12 22:52	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		12/18/12 22:52	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		12/18/12 22:52	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		12/18/12 22:52	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		12/18/12 22:52	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		12/18/12 22:52	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		12/18/12 22:52	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		12/18/12 22:52	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		12/18/12 22:52	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		12/18/12 22:52	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		12/18/12 22:52	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		12/18/12 22:52	630-20-6	

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ANALYTICAL RESULTS

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

Sample: MW-5 **Lab ID: 4071959006** Collected: 12/12/12 13:25 Received: 12/14/12 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/18/12 22:52	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		12/18/12 22:52	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		12/18/12 22:52	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		12/18/12 22:52	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	5.0	0.97	1		12/18/12 22:52	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		12/18/12 22:52	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		12/18/12 22:52	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		12/18/12 22:52	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		12/18/12 22:52	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		12/18/12 22:52	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/18/12 22:52	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		12/18/12 22:52	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		12/18/12 22:52	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		12/18/12 22:52	179601-23-1	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		12/18/12 22:52	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	80	%.	43-137		1		12/18/12 22:52	460-00-4	
Dibromofluoromethane (S)	94	%.	70-130		1		12/18/12 22:52	1868-53-7	
Toluene-d8 (S)	86	%.	55-137		1		12/18/12 22:52	2037-26-5	

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ANALYTICAL RESULTS

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

Sample: MW-6 **Lab ID: 4071959007** Collected: 12/12/12 13:20 Received: 12/14/12 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		12/19/12 09:32	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		12/19/12 09:32	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		12/19/12 09:32	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		12/19/12 09:32	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		12/19/12 09:32	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		12/19/12 09:32	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		12/19/12 09:32	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		12/19/12 09:32	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/19/12 09:32	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		12/19/12 09:32	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		12/19/12 09:32	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		12/19/12 09:32	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/19/12 09:32	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		12/19/12 09:32	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		12/19/12 09:32	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		12/19/12 09:32	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		12/19/12 09:32	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		12/19/12 09:32	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		12/19/12 09:32	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		12/19/12 09:32	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		12/19/12 09:32	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		12/19/12 09:32	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		12/19/12 09:32	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		12/19/12 09:32	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		12/19/12 09:32	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		12/19/12 09:32	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		12/19/12 09:32	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		12/19/12 09:32	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		12/19/12 09:32	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		12/19/12 09:32	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		12/19/12 09:32	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		12/19/12 09:32	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		12/19/12 09:32	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/19/12 09:32	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		12/19/12 09:32	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		12/19/12 09:32	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		12/19/12 09:32	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		12/19/12 09:32	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		12/19/12 09:32	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		12/19/12 09:32	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		12/19/12 09:32	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		12/19/12 09:32	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		12/19/12 09:32	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		12/19/12 09:32	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		12/19/12 09:32	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		12/19/12 09:32	630-20-6	

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ANALYTICAL RESULTS

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

Sample: MW-6 **Lab ID: 4071959007** Collected: 12/12/12 13:20 Received: 12/14/12 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/19/12 09:32	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		12/19/12 09:32	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		12/19/12 09:32	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		12/19/12 09:32	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	5.0	0.97	1		12/19/12 09:32	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		12/19/12 09:32	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		12/19/12 09:32	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		12/19/12 09:32	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		12/19/12 09:32	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		12/19/12 09:32	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/19/12 09:32	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		12/19/12 09:32	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		12/19/12 09:32	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		12/19/12 09:32	179601-23-1	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		12/19/12 09:32	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	81	%.	43-137		1		12/19/12 09:32	460-00-4	
Dibromofluoromethane (S)	95	%.	70-130		1		12/19/12 09:32	1868-53-7	
Toluene-d8 (S)	85	%.	55-137		1		12/19/12 09:32	2037-26-5	

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ANALYTICAL RESULTS

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

Sample: MW-7 **Lab ID: 4071959008** Collected: 12/12/12 13:05 Received: 12/14/12 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		12/19/12 09:54	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		12/19/12 09:54	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		12/19/12 09:54	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		12/19/12 09:54	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		12/19/12 09:54	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		12/19/12 09:54	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		12/19/12 09:54	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		12/19/12 09:54	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/19/12 09:54	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		12/19/12 09:54	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		12/19/12 09:54	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		12/19/12 09:54	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/19/12 09:54	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		12/19/12 09:54	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		12/19/12 09:54	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		12/19/12 09:54	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		12/19/12 09:54	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		12/19/12 09:54	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		12/19/12 09:54	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		12/19/12 09:54	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		12/19/12 09:54	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		12/19/12 09:54	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		12/19/12 09:54	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		12/19/12 09:54	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		12/19/12 09:54	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		12/19/12 09:54	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		12/19/12 09:54	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		12/19/12 09:54	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		12/19/12 09:54	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		12/19/12 09:54	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		12/19/12 09:54	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		12/19/12 09:54	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		12/19/12 09:54	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/19/12 09:54	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		12/19/12 09:54	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		12/19/12 09:54	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		12/19/12 09:54	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		12/19/12 09:54	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		12/19/12 09:54	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		12/19/12 09:54	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		12/19/12 09:54	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		12/19/12 09:54	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		12/19/12 09:54	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		12/19/12 09:54	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		12/19/12 09:54	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		12/19/12 09:54	630-20-6	

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ANALYTICAL RESULTS

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

Sample: MW-7 **Lab ID: 4071959008** Collected: 12/12/12 13:05 Received: 12/14/12 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/19/12 09:54	79-34-5	
Tetrachloroethene	**1.6**	ug/L	1.0	0.45	1		12/19/12 09:54	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		12/19/12 09:54	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		12/19/12 09:54	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	5.0	0.97	1		12/19/12 09:54	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		12/19/12 09:54	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		12/19/12 09:54	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		12/19/12 09:54	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		12/19/12 09:54	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		12/19/12 09:54	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/19/12 09:54	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		12/19/12 09:54	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		12/19/12 09:54	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		12/19/12 09:54	179601-23-1	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		12/19/12 09:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	81	%.	43-137		1		12/19/12 09:54	460-00-4	
Dibromofluoromethane (S)	97	%.	70-130		1		12/19/12 09:54	1868-53-7	
Toluene-d8 (S)	87	%.	55-137		1		12/19/12 09:54	2037-26-5	

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ANALYTICAL RESULTS

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

Sample: MW-8 **Lab ID: 4071959009** Collected: 12/12/12 12:25 Received: 12/14/12 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		12/18/12 23:15	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		12/18/12 23:15	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		12/18/12 23:15	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		12/18/12 23:15	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		12/18/12 23:15	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		12/18/12 23:15	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		12/18/12 23:15	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		12/18/12 23:15	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/18/12 23:15	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		12/18/12 23:15	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		12/18/12 23:15	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		12/18/12 23:15	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/18/12 23:15	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		12/18/12 23:15	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		12/18/12 23:15	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		12/18/12 23:15	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		12/18/12 23:15	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		12/18/12 23:15	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		12/18/12 23:15	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		12/18/12 23:15	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		12/18/12 23:15	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		12/18/12 23:15	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		12/18/12 23:15	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		12/18/12 23:15	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		12/18/12 23:15	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		12/18/12 23:15	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		12/18/12 23:15	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		12/18/12 23:15	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		12/18/12 23:15	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		12/18/12 23:15	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		12/18/12 23:15	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		12/18/12 23:15	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		12/18/12 23:15	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/18/12 23:15	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		12/18/12 23:15	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		12/18/12 23:15	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		12/18/12 23:15	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		12/18/12 23:15	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		12/18/12 23:15	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		12/18/12 23:15	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		12/18/12 23:15	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		12/18/12 23:15	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		12/18/12 23:15	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		12/18/12 23:15	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		12/18/12 23:15	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		12/18/12 23:15	630-20-6	

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ANALYTICAL RESULTS

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

Sample: MW-8 **Lab ID: 4071959009** Collected: 12/12/12 12:25 Received: 12/14/12 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/18/12 23:15	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		12/18/12 23:15	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		12/18/12 23:15	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		12/18/12 23:15	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	5.0	0.97	1		12/18/12 23:15	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		12/18/12 23:15	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		12/18/12 23:15	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		12/18/12 23:15	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		12/18/12 23:15	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		12/18/12 23:15	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/18/12 23:15	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		12/18/12 23:15	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		12/18/12 23:15	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		12/18/12 23:15	179601-23-1	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		12/18/12 23:15	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	78	%.	43-137		1		12/18/12 23:15	460-00-4	
Dibromofluoromethane (S)	95	%.	70-130		1		12/18/12 23:15	1868-53-7	
Toluene-d8 (S)	86	%.	55-137		1		12/18/12 23:15	2037-26-5	

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(920)469-2436

ANALYTICAL RESULTS

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

Sample: MW-9 **Lab ID: 4071959010** Collected: 12/12/12 13:10 Received: 12/14/12 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		12/18/12 23:37	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		12/18/12 23:37	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		12/18/12 23:37	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		12/18/12 23:37	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		12/18/12 23:37	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		12/18/12 23:37	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		12/18/12 23:37	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		12/18/12 23:37	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/18/12 23:37	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		12/18/12 23:37	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		12/18/12 23:37	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		12/18/12 23:37	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/18/12 23:37	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		12/18/12 23:37	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		12/18/12 23:37	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		12/18/12 23:37	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		12/18/12 23:37	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		12/18/12 23:37	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		12/18/12 23:37	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		12/18/12 23:37	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		12/18/12 23:37	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		12/18/12 23:37	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		12/18/12 23:37	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		12/18/12 23:37	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		12/18/12 23:37	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		12/18/12 23:37	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		12/18/12 23:37	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		12/18/12 23:37	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		12/18/12 23:37	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		12/18/12 23:37	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		12/18/12 23:37	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		12/18/12 23:37	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		12/18/12 23:37	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/18/12 23:37	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		12/18/12 23:37	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		12/18/12 23:37	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		12/18/12 23:37	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		12/18/12 23:37	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		12/18/12 23:37	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		12/18/12 23:37	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		12/18/12 23:37	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		12/18/12 23:37	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		12/18/12 23:37	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		12/18/12 23:37	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		12/18/12 23:37	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		12/18/12 23:37	630-20-6	

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ANALYTICAL RESULTS

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

Sample: MW-9 **Lab ID: 4071959010** Collected: 12/12/12 13:10 Received: 12/14/12 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/18/12 23:37	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		12/18/12 23:37	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		12/18/12 23:37	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		12/18/12 23:37	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	5.0	0.97	1		12/18/12 23:37	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		12/18/12 23:37	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		12/18/12 23:37	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		12/18/12 23:37	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		12/18/12 23:37	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		12/18/12 23:37	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		12/18/12 23:37	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		12/18/12 23:37	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		12/18/12 23:37	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		12/18/12 23:37	179601-23-1	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		12/18/12 23:37	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	79	%.	43-137		1		12/18/12 23:37	460-00-4	
Dibromofluoromethane (S)	98	%.	70-130		1		12/18/12 23:37	1868-53-7	
Toluene-d8 (S)	87	%.	55-137		1		12/18/12 23:37	2037-26-5	

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QUALITY CONTROL DATA

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

QC Batch: MSV/18099 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4071959001, 4071959002, 4071959003, 4071959004, 4071959005, 4071959006, 4071959007, 4071959008, 4071959009, 4071959010

METHOD BLANK: 728347 Matrix: Water
Associated Lab Samples: 4071959001, 4071959002, 4071959003, 4071959004, 4071959005, 4071959006, 4071959007, 4071959008, 4071959009, 4071959010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.92	1.0	12/18/12 16:54	
1,1,1-Trichloroethane	ug/L	<0.90	1.0	12/18/12 16:54	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	1.0	12/18/12 16:54	
1,1,2-Trichloroethane	ug/L	<0.42	1.0	12/18/12 16:54	
1,1-Dichloroethane	ug/L	<0.75	1.0	12/18/12 16:54	
1,1-Dichloroethene	ug/L	<0.57	1.0	12/18/12 16:54	
1,1-Dichloropropene	ug/L	<0.75	1.0	12/18/12 16:54	
1,2,3-Trichlorobenzene	ug/L	<0.74	1.0	12/18/12 16:54	
1,2,3-Trichloropropane	ug/L	<0.99	1.0	12/18/12 16:54	
1,2,4-Trichlorobenzene	ug/L	<0.97	5.0	12/18/12 16:54	
1,2,4-Trimethylbenzene	ug/L	<0.97	1.0	12/18/12 16:54	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	5.0	12/18/12 16:54	
1,2-Dibromoethane (EDB)	ug/L	<0.56	1.0	12/18/12 16:54	
1,2-Dichlorobenzene	ug/L	<0.83	1.0	12/18/12 16:54	
1,2-Dichloroethane	ug/L	<0.36	1.0	12/18/12 16:54	
1,2-Dichloropropane	ug/L	<0.49	1.0	12/18/12 16:54	
1,3,5-Trimethylbenzene	ug/L	<0.83	1.0	12/18/12 16:54	
1,3-Dichlorobenzene	ug/L	<0.87	1.0	12/18/12 16:54	
1,3-Dichloropropane	ug/L	<0.61	1.0	12/18/12 16:54	
1,4-Dichlorobenzene	ug/L	<0.95	1.0	12/18/12 16:54	
2,2-Dichloropropane	ug/L	<0.62	1.0	12/18/12 16:54	
2-Chlorotoluene	ug/L	<0.85	1.0	12/18/12 16:54	
4-Chlorotoluene	ug/L	<0.74	1.0	12/18/12 16:54	
Benzene	ug/L	<0.41	1.0	12/18/12 16:54	
Bromobenzene	ug/L	<0.82	1.0	12/18/12 16:54	
Bromochloromethane	ug/L	<0.97	1.0	12/18/12 16:54	
Bromodichloromethane	ug/L	<0.56	1.0	12/18/12 16:54	
Bromoform	ug/L	<0.94	1.0	12/18/12 16:54	
Bromomethane	ug/L	<0.91	1.0	12/18/12 16:54	
Carbon tetrachloride	ug/L	<0.49	1.0	12/18/12 16:54	
Chlorobenzene	ug/L	<0.41	1.0	12/18/12 16:54	
Chloroethane	ug/L	<0.97	1.0	12/18/12 16:54	
Chloroform	ug/L	<1.3	5.0	12/18/12 16:54	
Chloromethane	ug/L	<0.24	1.0	12/18/12 16:54	
cis-1,2-Dichloroethene	ug/L	<0.83	1.0	12/18/12 16:54	
cis-1,3-Dichloropropene	ug/L	<0.20	1.0	12/18/12 16:54	
Dibromochloromethane	ug/L	<0.81	1.0	12/18/12 16:54	
Dibromomethane	ug/L	<0.60	1.0	12/18/12 16:54	
Dichlorodifluoromethane	ug/L	<0.99	1.0	12/18/12 16:54	
Diisopropyl ether	ug/L	<0.76	1.0	12/18/12 16:54	
Ethylbenzene	ug/L	<0.54	1.0	12/18/12 16:54	

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QUALITY CONTROL DATA

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

METHOD BLANK: 728347 Matrix: Water

Associated Lab Samples: 4071959001, 4071959002, 4071959003, 4071959004, 4071959005, 4071959006, 4071959007, 4071959008, 4071959009, 4071959010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<0.67	5.0	12/18/12 16:54	
Isopropylbenzene (Cumene)	ug/L	<0.59	1.0	12/18/12 16:54	
m&p-Xylene	ug/L	<1.8	2.0	12/18/12 16:54	
Methyl-tert-butyl ether	ug/L	<0.61	1.0	12/18/12 16:54	
Methylene Chloride	ug/L	<0.43	1.0	12/18/12 16:54	
n-Butylbenzene	ug/L	<0.93	1.0	12/18/12 16:54	
n-Propylbenzene	ug/L	<0.81	1.0	12/18/12 16:54	
Naphthalene	ug/L	<0.89	5.0	12/18/12 16:54	
o-Xylene	ug/L	<0.83	1.0	12/18/12 16:54	
p-Isopropyltoluene	ug/L	<0.67	1.0	12/18/12 16:54	
sec-Butylbenzene	ug/L	<0.89	5.0	12/18/12 16:54	
Styrene	ug/L	<0.86	1.0	12/18/12 16:54	
tert-Butylbenzene	ug/L	<0.97	1.0	12/18/12 16:54	
Tetrachloroethene	ug/L	<0.45	1.0	12/18/12 16:54	
Toluene	ug/L	<0.67	1.0	12/18/12 16:54	
trans-1,2-Dichloroethene	ug/L	<0.89	1.0	12/18/12 16:54	
trans-1,3-Dichloropropene	ug/L	<0.19	1.0	12/18/12 16:54	
Trichloroethene	ug/L	<0.48	1.0	12/18/12 16:54	
Trichlorofluoromethane	ug/L	<0.79	1.0	12/18/12 16:54	
Vinyl chloride	ug/L	<0.18	1.0	12/18/12 16:54	
4-Bromofluorobenzene (S)	%.	79	43-137	12/18/12 16:54	
Dibromofluoromethane (S)	%.	94	70-130	12/18/12 16:54	
Toluene-d8 (S)	%.	85	55-137	12/18/12 16:54	

LABORATORY CONTROL SAMPLE & LCSD: 728348 728349

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	56.4	57.9	113	116	70-136	3	20	
1,1,2,2-Tetrachloroethane	ug/L	50	50.1	51.2	100	102	70-130	2	20	
1,1,2-Trichloroethane	ug/L	50	50.6	51.0	101	102	70-130	1	20	
1,1-Dichloroethane	ug/L	50	55.8	56.9	112	114	70-146	2	20	
1,1-Dichloroethene	ug/L	50	53.1	55.0	106	110	70-130	4	20	
1,2,4-Trichlorobenzene	ug/L	50	40.6	42.2	81	84	70-130	4	20	
1,2-Dibromo-3-chloropropane	ug/L	50	45.4	45.6	91	91	46-150	0	20	
1,2-Dibromoethane (EDB)	ug/L	50	50.1	51.2	100	102	70-130	2	20	
1,2-Dichlorobenzene	ug/L	50	47.5	49.4	95	99	70-130	4	20	
1,2-Dichloroethane	ug/L	50	56.4	57.5	113	115	70-144	2	20	
1,2-Dichloropropane	ug/L	50	50.9	52.0	102	104	70-136	2	20	
1,3-Dichlorobenzene	ug/L	50	45.6	46.0	91	92	70-130	1	20	
1,4-Dichlorobenzene	ug/L	50	45.5	47.1	91	94	70-130	4	20	
Benzene	ug/L	50	57.5	60.0	115	120	70-137	4	20	
Bromodichloromethane	ug/L	50	49.8	49.3	100	99	70-133	1	20	
Bromoform	ug/L	50	43.4	43.5	87	87	59-130	0	20	
Bromomethane	ug/L	50	28.5	34.7	57	69	41-148	20	20	

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QUALITY CONTROL DATA

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

LABORATORY CONTROL SAMPLE & LCSD: 728348 728349

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/L	50	55.8	56.3	112	113	70-154	1	20	
Chlorobenzene	ug/L	50	49.7	50.7	99	101	70-130	2	20	
Chloroethane	ug/L	50	50.0	51.6	100	103	70-139	3	20	
Chloroform	ug/L	50	59.2	59.2	118	118	70-130	0	20	
Chloromethane	ug/L	50	37.6	39.1	75	78	45-154	4	20	
cis-1,2-Dichloroethene	ug/L	50	52.8	56.2	106	112	70-130	6	20	
cis-1,3-Dichloropropene	ug/L	50	46.5	46.8	93	94	70-136	1	20	
Dibromochloromethane	ug/L	50	47.7	47.7	95	95	70-130	0	20	
Dichlorodifluoromethane	ug/L	50	33.9	34.5	68	69	20-157	2	20	
Ethylbenzene	ug/L	50	50.6	51.3	101	103	70-130	2	20	
Isopropylbenzene (Cumene)	ug/L	50	50.2	50.9	100	102	70-130	1	20	
m&p-Xylene	ug/L	100	101	102	101	102	70-130	2	20	
Methyl-tert-butyl ether	ug/L	50	51.8	53.7	104	107	59-141	4	20	
Methylene Chloride	ug/L	50	54.5	55.4	109	111	70-130	2	20	
o-Xylene	ug/L	50	50.8	51.1	102	102	70-130	1	20	
Styrene	ug/L	50	49.2	48.8	98	98	70-130	1	20	
Tetrachloroethene	ug/L	50	43.1	43.1	86	86	70-130	0	20	
Toluene	ug/L	50	51.5	51.9	103	104	70-130	1	20	
trans-1,2-Dichloroethene	ug/L	50	53.5	56.5	107	113	70-130	5	20	
trans-1,3-Dichloropropene	ug/L	50	46.8	48.4	94	97	55-135	3	20	
Trichloroethene	ug/L	50	51.2	52.1	102	104	70-130	2	20	
Trichlorofluoromethane	ug/L	50	52.2	54.8	104	110	50-150	5	20	
Vinyl chloride	ug/L	50	46.4	48.5	93	97	61-143	4	20	
4-Bromofluorobenzene (S)	%.				83	84	43-137			
Dibromofluoromethane (S)	%.				92	97	70-130			
Toluene-d8 (S)	%.				86	87	55-137			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 728934 728935

Parameter	Units	4071962001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	1.6	50	50	59.5	58.7	116	114	70-136	1	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	50	50	51.3	50.0	103	100	70-130	2	20	
1,1,2-Trichloroethane	ug/L	<0.42	50	50	50.6	48.4	101	97	70-130	4	20	
1,1-Dichloroethane	ug/L	<0.75	50	50	58.3	56.3	117	113	70-146	3	20	
1,1-Dichloroethene	ug/L	<0.57	50	50	55.3	53.6	111	107	70-130	3	20	
1,2,4-Trichlorobenzene	ug/L	<0.97	50	50	43.4	42.1	87	84	70-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	50	50	47.2	43.9	94	88	46-150	7	20	
1,2-Dibromoethane (EDB)	ug/L	<0.56	50	50	49.3	48.7	99	97	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<0.83	50	50	48.8	47.2	98	94	70-130	3	20	
1,2-Dichloroethane	ug/L	<0.36	50	50	57.2	55.1	114	110	70-146	4	20	
1,2-Dichloropropane	ug/L	<0.49	50	50	51.8	51.1	104	102	70-136	1	20	
1,3-Dichlorobenzene	ug/L	<0.87	50	50	47.6	47.4	95	95	70-130	0	20	
1,4-Dichlorobenzene	ug/L	<0.95	50	50	49.2	48.0	98	96	70-130	2	20	
Benzene	ug/L	<0.41	50	50	57.2	58.9	114	118	70-137	3	20	
Bromodichloromethane	ug/L	<0.56	50	50	50.5	49.9	101	100	70-133	1	20	
Bromoform	ug/L	<0.94	50	50	44.7	43.0	89	86	57-130	4	20	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 728934 728935

Parameter	Units	4071962001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Bromomethane	ug/L	<0.91	50	50	37.6	36.2	75	72	41-148	4	20	
Carbon tetrachloride	ug/L	<0.49	50	50	56.2	56.4	112	113	70-154	0	20	
Chlorobenzene	ug/L	<0.41	50	50	50.5	48.9	101	98	70-130	3	20	
Chloroethane	ug/L	<0.97	50	50	52.2	50.4	104	101	70-140	4	20	
Chloroform	ug/L	<1.3	50	50	60.1	58.6	120	117	70-130	3	20	
Chloromethane	ug/L	<0.24	50	50	38.9	37.8	78	76	45-154	3	20	
cis-1,2-Dichloroethene	ug/L	3.6	50	50	60.1	58.0	113	109	70-130	4	20	
cis-1,3-Dichloropropene	ug/L	<0.20	50	50	49.2	48.0	98	96	70-136	2	20	
Dibromochloromethane	ug/L	<0.81	50	50	47.6	45.9	95	92	70-130	4	20	
Dichlorodifluoromethane	ug/L	<0.99	50	50	34.8	34.2	70	68	10-157	2	20	
Ethylbenzene	ug/L	<0.54	50	50	51.9	49.3	104	99	70-130	5	20	
Isopropylbenzene (Cumene)	ug/L	<0.59	50	50	50.5	50.4	101	101	70-130	0	20	
m&p-Xylene	ug/L		100	100	104	99.8	103	99	70-130	4	20	
Methyl-tert-butyl ether	ug/L	<0.61	50	50	54.1	52.9	108	106	59-141	2	20	
Methylene Chloride	ug/L	<0.43	50	50	56.2	54.4	112	109	70-130	3	20	
o-Xylene	ug/L		50	50	51.2	50.1	102	100	70-130	2	20	
Styrene	ug/L	<0.86	50	50	48.6	48.0	97	96	35-164	1	20	
Tetrachloroethene	ug/L	9.1	50	50	52.4	52.4	87	87	70-130	0	20	
Toluene	ug/L	<0.67	50	50	50.6	49.8	101	100	70-130	2	20	
trans-1,2-Dichloroethene	ug/L	<0.89	50	50	56.8	54.1	114	108	70-130	5	20	
trans-1,3-Dichloropropene	ug/L	<0.19	50	50	48.6	46.3	97	93	55-137	5	20	
Trichloroethene	ug/L	8.3	50	50	59.9	60.8	103	105	70-130	1	20	
Trichlorofluoromethane	ug/L	<0.79	50	50	54.5	53.4	109	107	50-150	2	20	
Vinyl chloride	ug/L	<0.18	50	50	47.1	46.8	94	94	59-144	1	20	
4-Bromofluorobenzene (S)	%.						85	84	43-137			
Dibromofluoromethane (S)	%.						94	94	70-130			
Toluene-d8 (S)	%.						83	85	55-137			

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QUALIFIERS

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: RIC-2012-01 OHM GREEN BAY
Pace Project No.: 4071959

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4071959001	**MW-1**	EPA 8260	MSV/18099		
4071959002	**PZ-1**	EPA 8260	MSV/18099		
4071959003	**MW-2**	EPA 8260	MSV/18099		
4071959004	**MW-3**	EPA 8260	MSV/18099		
4071959005	**MW-4**	EPA 8260	MSV/18099		
4071959006	**MW-5**	EPA 8260	MSV/18099		
4071959007	**MW-6**	EPA 8260	MSV/18099		
4071959008	**MW-7**	EPA 8260	MSV/18099		
4071959009	**MW-8**	EPA 8260	MSV/18099		
4071959010	**MW-9**	EPA 8260	MSV/18099		

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Pace Analytical®
www.pacelabs.com

CHAIN OF CUSTODY

4071959

(Please Print Clearly)	
Company Name:	ALPHA TERRA SCIENCE
Branch/Location:	PLY
Project Contact:	KEN EBBOTT
Phone:	920-892-2444
Project Number:	RIC-2012-01
Project Name:	OHM GREEN BAY
Project State:	WI
Sampled By (Print):	MEGAN HANSEN
Sampled By (Sign):	
PO #:	Regulatory Program:

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #:	ANNUAL
Mail To Contact:	KEN EBBOTT/MEGAN HANSEN
Mail To Company:	ALPHA TERRA SCIENCE
Mail To Address:	1237 PILGRIM RD. PLYMOUTH, WI 53073
Invoice To Contact:	TIM MAERTZ
Invoice To Company:	RICE ENTERPRISES
Invoice To Address:	C/O ATS
Invoice To Phone:	

Data Package Options (billable): ☐ EPA Level III ☐ EPA Level IV
MS/MSD: ☐ On your sample (billable) ☐ NOT needed on your sample

Matrix Codes: A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	Analyses Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					Y/N	Pick Letter	VOC			
001	MW-1	12/12/12	1250	GW	N	B	X		3-40mlB	
002	P2-1		1240							
003	MW-2		1255							
004	MW-3		1345							
005	MW-4		1335							
006	MW-5		1325							
007	MW-6		1320							
008	MW-7		1305							
009	MW-8		1225							
010	MW-9		1310							
	TRIP BLANK									

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liabili y

Relinquished By:	Date/Time:	Received By:	Date/Time:
	12/14/12 8:15		12/14/12 10:35
D. Mielke	12/14/12 14:55	Eddins PaceGB	12/14/12 1455

PACE Project No.: 4071959

Receipt Temp = ROT °C

Sample Receipt pH: OK / Adjusted

Cooler Custody Seal: Present (Not Present) Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Pace Analytical

Sample Condition Upon Receipt

Client Name: Alpha Terra Project # 4071959

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None Other

Thermometer Used IR4

Type of Ice: (Wet) Blue Dry None

Cooler Temperature ROI

Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Temp should be above freezing to 6°C for all sample except Biota.
Biota Samples should be received ≤ 0°C.

Optional
Proj. Due Date:
Proj. Name:

☑ Samples on ice, cooling process has begun

Person examining contents:
Date: 12/14/12
Initials: EMH

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume: EMH 12/14/12	~~☑Yes~~ ☑No ☐N/A	8. Did not receive trip blank volume EMH 12/14/12
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: (VOA) coliform, TOC, O&G, WI-DRO (water)	☑Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☐Yes ☑No ☐N/A	16. On COC, but did not receive EMH 12/14/12
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: 12/17/12

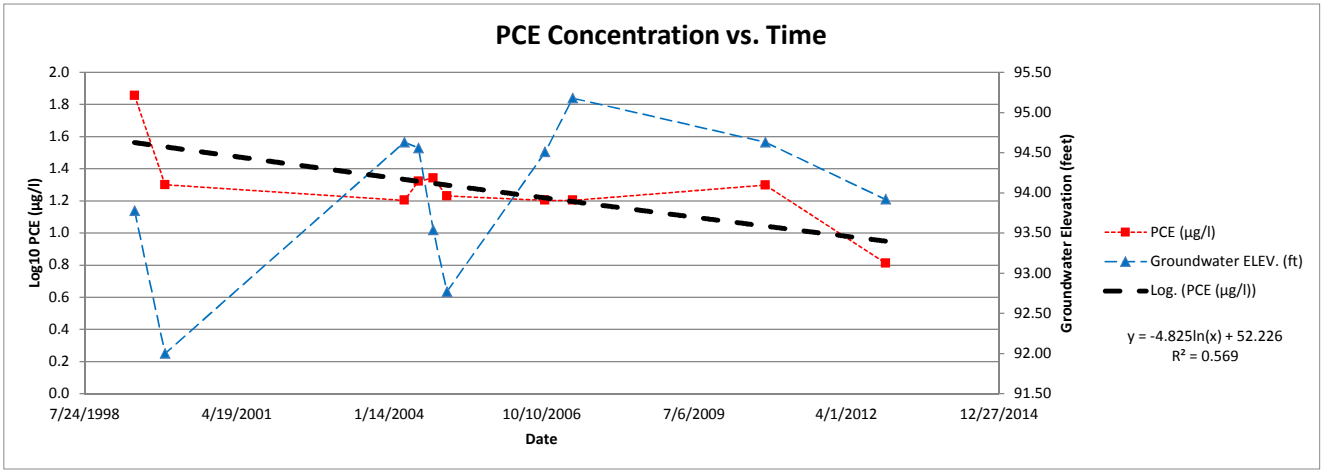
Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Appendix B

Groundwater Contaminant Trend Analysis

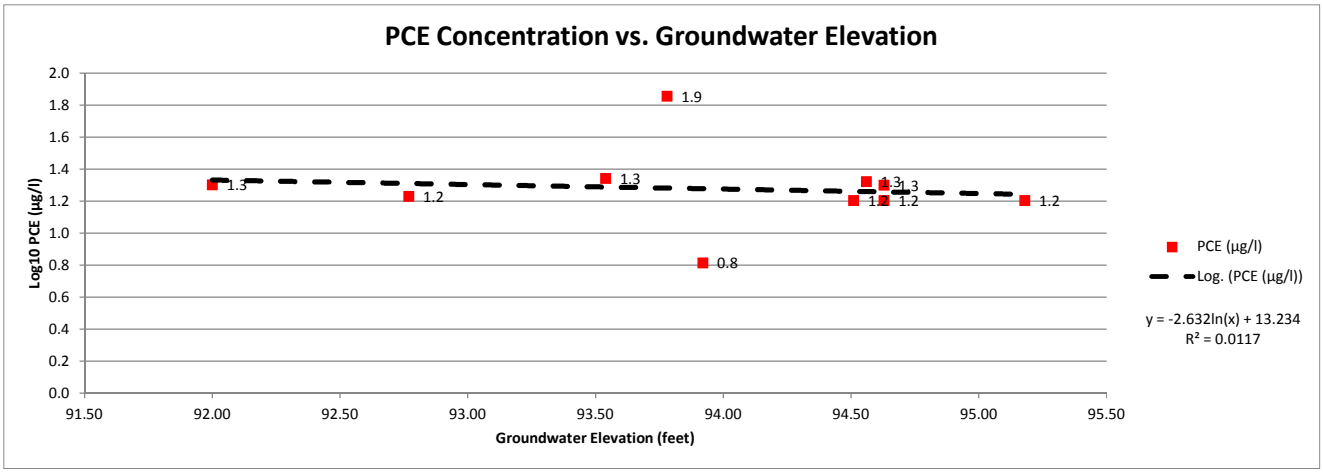
Groundwater monitoring data (ug/l)

MW *1*												
Groundwater ELEV. (ft)	*93.78*	*92.00*	*94.63*	*94.56*	*93.54*	*92.77*	*94.51*	*95.18*	*94.63*	*93.92*		
Sampling Dates	*6/17/1999*	*1/3/2000*	*4/22/2004*	*7/22/2004*	*10/28/2004*	*1/25/2005*	*10/31/2006*	*4/30/2007*	*10/15/2010*	*12/12/2012*		
											Max	Min
PCE (µg/l)	*71.9*	*20.0*	*16.0*	*21.0*	*22.0*	*17.0*	*16.0*	*16.0*	*19.9*	*6.5*	*71.9*	*6.5*
Log_{10} [PCE(µg/l)]	*1.9*	*1.3*	*1.2*	*1.3*	*1.3*	*1.2*	*1.2*	*1.2*	*1.3*	*0.8*		



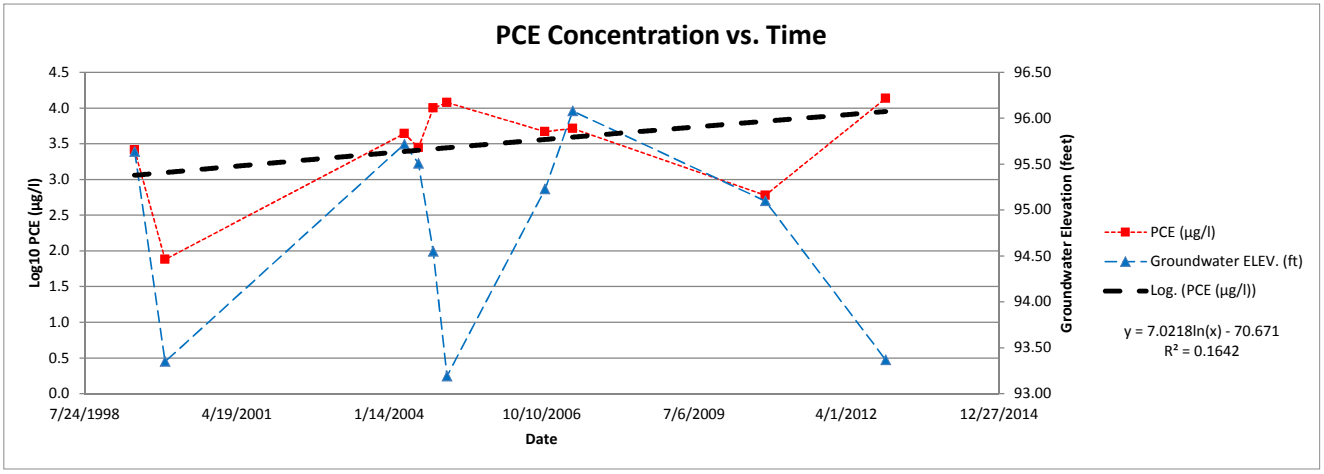
Notes:

The logarithm (to the base 10) of the total atrazine concentration data is plotted as a function of time.
The trend line is the semi-log10-transformed regression line.
Groundwater elevation data is superimposed on the concentration data.
*For this graph, total atrazine concentrations appear to be increasing, and there seems to be an increasing water level with time as well.



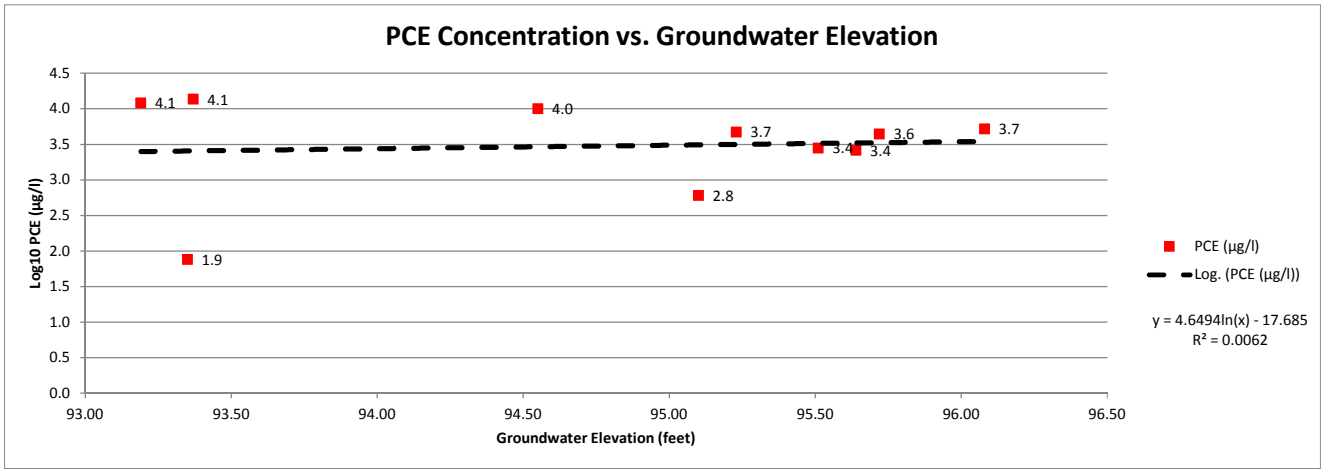
Groundwater monitoring data (ug/l)

MW 3												
Groundwater ELEV. (ft)	95.64	93.35	95.72	95.51	94.55	93.19	95.23	96.08	95.1	93.37		
Sampling Dates	6/17/1999	1/3/2000	4/22/2004	7/22/2004	10/28/2004	1/25/2005	10/31/2006	4/30/2007	10/15/2010	12/12/2012	Max	Min
PCE (µg/l)	2,600.0	76.0	4,400.0	2,800.0	10,000.0	12,000.0	4,700.0	5,200.0	602.0	13,700.0	13,700.0	76.0
Log_{10} [PCE(µg/l)]	3.4	1.9	3.6	3.4	4.0	4.1	3.7	3.7	2.8	4.1		



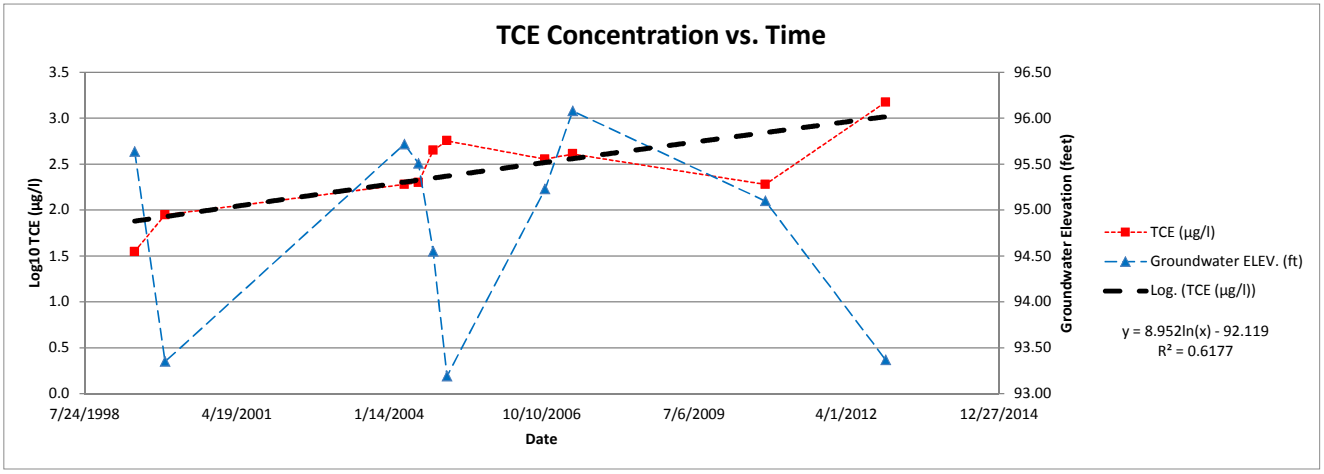
Notes:

The logarithm (to the base 10) of the total atrazine concentration data is plotted as a function of time.
The trend line is the semi-log10-transformed regression line.
Groundwater elevation data is superimposed on the concentration data.
*For this graph, total atrazine concentrations appear to be increasing, and there seems to be an increasing water level with time as well.



Groundwater monitoring data (ug/l)

MW 3												
Groundwater ELEV. (ft)	95.64	93.35	95.72	95.51	94.55	93.19	95.23	96.08	95.1	93.37		
Sampling Dates	6/17/1999	1/3/2000	4/22/2004	7/22/2004	10/28/2004	1/25/2005	10/31/2006	4/30/2007	10/15/2010	12/12/2012	Max	Min
TCE (µg/l)	35.3	89.0	190.0	200.0	450.0	570.0	360.0	410.0	191.0	1,500.0	1,500.0	35.3
Log_{10} [TCE(µg/l)]	1.5	1.9	2.3	2.3	2.7	2.8	2.6	2.6	2.3	3.2		



Notes:

The logarithm (to the base 10) of the total atrazine concentration data is plotted as a function of time.
The trend line is the semi-log10-transformed regression line.
Groundwater elevation data is superimposed on the concentration data.
*For this graph, total atrazine concentrations appear to be increasing, and there seems to be an increasing water level with time as well.