



Infrastructure, environment, buildings

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Attorney Work Product*

Thomas P. Shannon
Fox, O'Neill & Shannon, S.C.
622 North Water Street
Suite 500
Milwaukee, WI 53202

Subject:

Results of Site Investigation Scoping Activities, One Hour Martinizing Facility,
13405 Watertown Plank Road, Elm Grove, Wisconsin.

Dear Mr. Shannon:

The purpose of this letter is to provide you with the results of the site investigation scoping activities conducted at the above-referenced property (the Site). The investigation was conducted in accordance with ARCADIS' proposal dated January 18, 2006. This letter report has been prepared to satisfy the requirements of Chapter NR 169, and to preserve the site owner/operator's eligibility for funding reimbursement under Wisconsin's Dry Cleaner Environmental Response Fund (DERF).

Site Location and Background

The Site is located at 13405 Watertown Plank Road in Elm Grove, Wisconsin. The Site layout and features are presented on Figure 1. There is one single-story building with a slab-on-grade foundation on the property that is used for the One Hour Martinizing (OHM) dry cleaning operations. Recycling and trash receptacles are located southeast of the building. The facility is serviced by subsurface gas and sewer lines, and subsurface and overhead electric lines. Potable water is provided to the facility via a private well located on the northeast side of the building.

The Site is understood to have operated as a dry cleaning facility for the past 25 years, and possibly more. One dry cleaning machine is located within the building. Perchloroethene (PCE) is used as the dry cleaning solvent. Currently the solvent is stored within the dry cleaning machine. Historically, delivery of PCE-containing solvent occurred through the rear door located on the southeast side of the facility. Historically, machine filters may have been disposed in trash receptacles prior to implementation of regulations pertaining to disposal of used dry cleaning products.

Part of a bigger picture

ARCADIS G&M, Inc
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Wisconsin 53202
Tel 414 276 7742
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ENVIRONMENT

Date:

28 March 2006

Contact:

Dawn Gabardi
Jennine Cota

Phone:

414 276 7742

Email:

dqabardi@arcadis-us.com
jcota@arcadis-us.com

Our ref:

WI001124.0001

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Summary of Soil and Groundwater Analytical Results

Prior to conducting the Geoprobe investigation, ARCADIS contacted Digger's Hotline to clear subsurface utilities. Due to the presence of a private potable well on the Site, a private utility locator was also retained to clear the electric and water line associated with this potable well. In addition, ARCADIS reviewed the Wisconsin Department of Natural Resources (WDNR) geographic information system registry to obtain information on properties near the Site that could be used to assess the potential groundwater flow direction. ARCADIS determined that the groundwater flow direction at the Site was potentially to the south or southeast.

ARCADIS advanced four Geoprobe borings at the Site on February 20, 2006. Two borings were completed inside the building, and two borings were completed outside the building. The interior borings were advanced to approximately 8 feet, and the exterior borings were advanced to 20 feet. Temporary monitoring wells were installed within the two exterior borings to obtain groundwater samples. The boring locations are illustrated on Figure 1. The soil boring logs and borehole abandonment forms are included in Appendix A.

ARCADIS collected one soil sample from each of the borings, and groundwater samples from the temporary wells installed in Borings GP-1 and GP-2. All of the samples were submitted for laboratory analysis of volatile organic compounds (VOCs). The soil and groundwater laboratory analytical reports are contained in Appendix B.

Based on the soil analytical data, PCE soil concentrations ranged from 1,600 micrograms per kilogram ($\mu\text{g}/\text{kg}$) to 97,000 $\mu\text{g}/\text{kg}$. The maximum PCE concentration was measured at Boring GP-3, located beneath the concrete floor in the vicinity of the dry cleaning machine. The PCE degradation products trichloroethene (TCE) and cis-1,2-dichloroethene were also detected in the samples collected from Borings GP-1 and GP-3, but the concentrations were two to three orders of magnitude less than the PCE concentrations. Vinyl chloride was not detected in any of the soil samples. The soil analytical results are summarized in Table 1 and presented on Figure 1.

Temporary monitoring wells were installed in Borings GP-1 and GP-2. These borings were located south and southeast of the building, respectively, based on the potential groundwater flow direction. The depth to groundwater was approximately 17 to 18 feet below land surface. Concentrations of 1.8 micrograms per liter ($\mu\text{g}/\text{L}$) PCE, 0.32 $\mu\text{g}/\text{L}$ TCE, and 1.9 $\mu\text{g}/\text{L}$ cis-1,2-dichloroethene were detected in the groundwater sample collected from Boring GP-1. The PCE result was between the NR 140

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Preventive Action Limit (0.5 µg/L) and Enforcement Standard (5 µg/L). Chlorinated VOCs were not detected in the groundwater sample collected from Boring GP-2. The groundwater analytical results are summarized in Table 2 and presented on Figure 1.

Recommendations

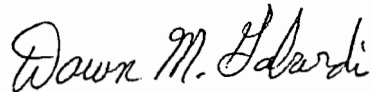
Based on the presence of chlorinated VOCs detected in soil and groundwater at the Site, ARCADIS recommends that the release be reported to the WDNR. ARCADIS can complete the release reporting on your behalf upon your request. Reporting of the release is required in order to maintain eligibility for future funding reimbursement under DERF.

Closing

Thank you for the opportunity to provide our services to you and One Hour Martinizing. Should you have any questions relating to the information presented herein, please feel free to contact us at your convenience.

Sincerely,

ARCADIS G&M, Inc.



Dawn M. Gabardi
Project Hydrogeologist



Jennine Cota, PE
Senior Engineer

copies:

Brian Cass – One Hour Martinizing

ARCADIS

Table 1. Summary of Soil Volatile Organic Compound Analytical Results, One Hour Martinizing, Elm Grove, Wisconsin.

Boring	GP-1	GP-2	GP-3	GP-4
Sample Depth	2-4'	8-10'	2-4'	4-6'
Sample Date	2/20/06	2/20/06	2/20/06	2/20/06
cis-1,2-Dichloroethene	370	<27	<27	<30
trans-1,2-Dichloroethene	<28	<27	<27	<30
Tetrachloroethene	25,000	13,000	97,000	1,600
Trichloroethene	280	<27	130	<30
Vinyl Chloride	<39	<38	<38	<42
Ethylbenzene	<28	30	<27	<30
Naphthalene	79	120	100	<60
Toluene	<28	83	46	<30
1,2,4-Trimethylbenzene	<28	92	42	<30
1,3,5-Trimethylbenzene	<28	40	<27	<30
Xylene (total)	<94	120	<93	<100

Results reported in micrograms per kilogram ($\mu\text{g}/\text{kg}$).

Q Concentration is between the method detection level and practical quantitation level.

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Table 2. Summary of Groundwater Volatile Organic Compound Analytical Results, One Hour Martinizing, Elm Grove, Wisconsin.

Boring	NR 140	NR 140	GP-1	GP-2
Sample Date	ES	PAL	2/20/06	2/20/06
Benzene	5	0.5	<0.20	0.21 Q
cis-1,2-Dichloroethene	70	7	1.9	<0.50
trans-1,2-Dichloroethene	100	20	<0.50	<0.50
Tetrachloroethene	5	0.5	1.8	<0.50
Toluene	200	1,000	0.53 Q	0.46 Q
Trichloroethene	5	0.5	0.32 Q	<0.20
Vinyl Chloride	0.2	0.02	<0.20	<0.20

Results reported in micrograms per liter (µg/L).

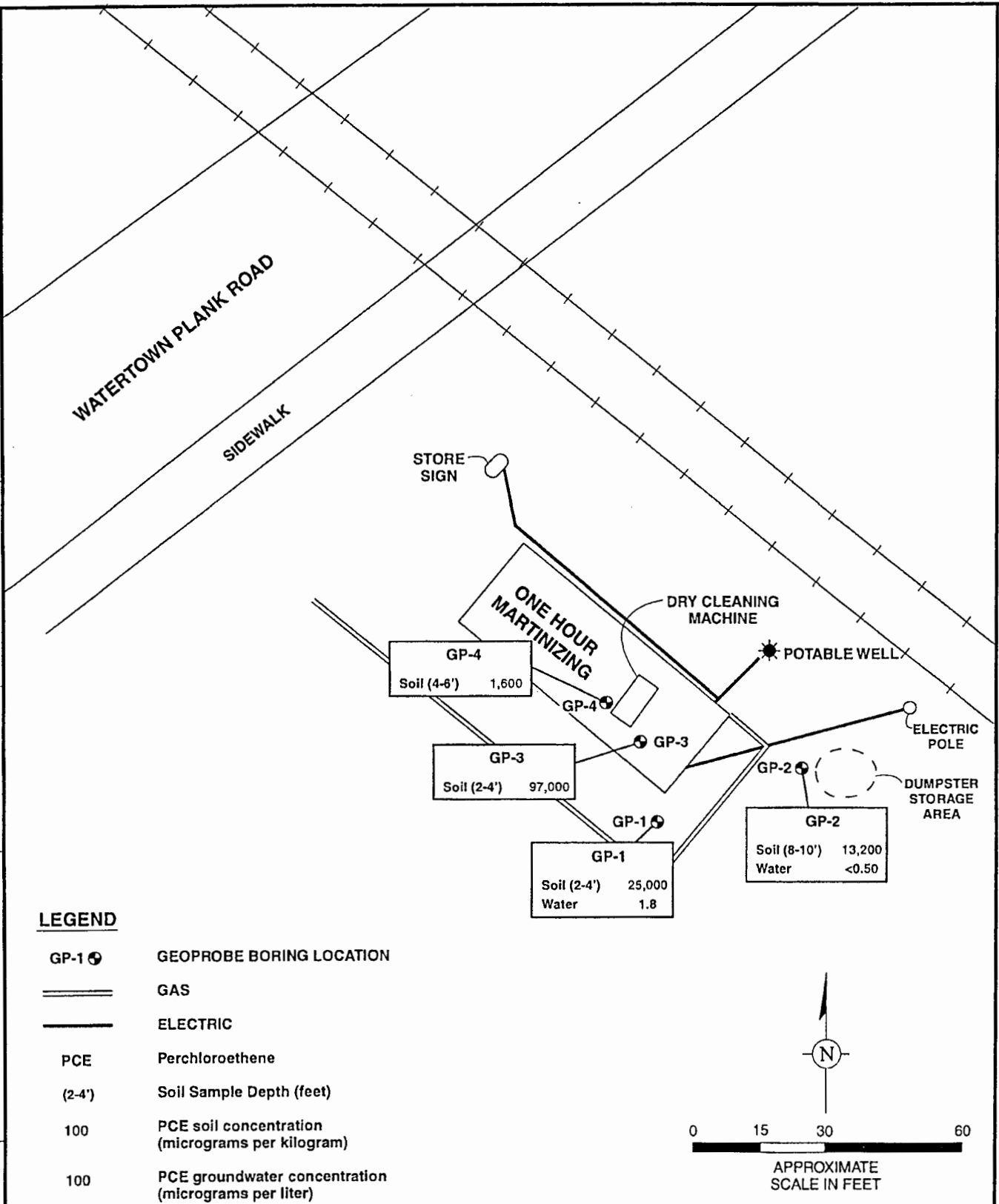
10 Concentration exceeds the NR 140 PAL.

ES Enforcement Standard

PAL Preventive Action Limit

Q Result reported between the Method Detection Limit and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.

DWG DATE: 27MAR08 | PN: FOXCARPW1124OHMELMGROVE | FILE NO.: GRAPHICS | DRAWING: LAYOUT.AI | CHECKED: DMG | APPROVED: | DRAFTER: LMB



SITE LAYOUT AND SUMMARY OF PCE ANALYTICAL RESULTS

ONE HOUR MARTINIZING
 13405 WATERTOWN PLANK ROAD
 ELM GROVE, WISCONSIN

FIGURE

1

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Appendix A

Soil Boring Logs

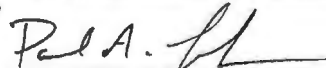
Route to: Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

Page 1 of 2

Facility/Project Name OHM - Elm Grove/WI001124.0001		License/Permit/Monitoring Number		Boring Number GP-1	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name Dan Last Name Firm Probe Technology		Date Drilling Started 2/20/06	Date Drilling Completed 2/20/06	Drilling Method Geoprobe	
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level Feet	Surface Elevation Feet MSL	Borehole Diameter 2 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E S <input type="checkbox"/> / C <input type="checkbox"/> / N <input type="checkbox"/> Lat _____ _____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E <input type="checkbox"/> W <input type="checkbox"/> Long _____ Feet <input type="checkbox"/> S _____ Feet <input type="checkbox"/> W			Local Grid Location _____ Feet <input type="checkbox"/> N _____ Feet <input type="checkbox"/> E _____ Feet <input type="checkbox"/> S _____ Feet <input type="checkbox"/> W		
Facility ID	County Waukesha	County Code 68	Civil Town/City/or Village Elm Grove		

Sample Number and Type	Length All. & Recovered (ft)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plastic Limit	P 200		
1	39		0	0-4/ 0-2" Asphalt.				0-2							
			2	2-4" Pulverized concrete.				0.0							
			4	4-14" Silt: Very dark gray (7.5 YR 3/1) smooth to grainy, some gravel up to 1.5" round to subround, poorly sorted, dry, grades into section below. 14-25" Sand/Silt: Light yellowish brown (10 YR 6/4), well sorted, mainly very fine sand, but some boarders between silt (grainy) and very fine sand, loose, dry. 25-26" Silt: Color as above grainy, trace very fine sand. 26-39" Silt/Gravel: Very dark grayish brown (10 YR 3/2), silt is smooth, gravel up to 3/4" subround to subangular, trace or little sand very fine to medium grain, poorly sorted, moist to dry.				2-4							
2	20		4	4-8/ 0-8" Silt/Gravel: As above, trace organics (wood).				4-6							
			6	8-10" Silt/Clay: Dark yellowish brown (10 YR 4/6), cohesive and somewhat plastic, trace to little coarse sand and gravel up to 1/2" subround to subangular, moist.				0.0							
			8	10-12" Silt/Clay: Black, smooth, somewhat cohesive and somewhat plastic, moist, odor (organic). 12-13" Rock: Limestone yellowish/green. 13-20" Silt/Clay: Brown (10 YR 4/3) smooth, somewhat cohesive to somewhat plastic, trace to little gravel and medium to coarse sand, up to 1-1/4" subround to angular, moist.				6-8							
3	23		8	8-12/ 0-23" Sand/Silt/Gravel: Very dark gray (10 YR 3/1), poorly sorted sand fine to coarse, gravel up to 2" angular to subround, silt smooth to grainy, moist.				8-10							
			10				0.0								

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

Signature 	Firm ARCADIS 126 N. Jefferson St., Suite 400 Milwaukee, WI (414) 276-7742
--	---

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

Sample		Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number and Type	Length All. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plastic Limit	P 200	
4	27		12	12-16/ 0-14" Slough. 14-15" Sand: Dark yellowish brown (10 YR 4/4), fine to coarse, predominantly medium to coarse, poorly sorted, trace fine gravel up to 1/4" sub- round to subangular, loose, moist, sharp contact with section below. 15-27" Sand: Brown (10 YR 4/3), fine grain, well sorted, loose, moist.				12-14 0.0						
			14		14-16 0.0									
5	28		16	16-20/ 0-15" Sand: As above, well sorted, moist. 15-26" Sand: As above, well sorted, wet. 26-28" Gravel and Coarse Sand: Color as above, wet, round to subround, up to 1/2", poorly sorted.				16-18 0.0						
			18		18-20 3.0									
			20	EOB @ 20'										
			22											
			24											
			26											
			28											

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name OHM - Elm Grove/WI001124.0001		License/Permit/Monitoring Number		Boring Number GP-2	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name Dan Last Name Firm Probe Technology		Date Drilling Started 2/20/06	Date Drilling Completed 2/20/06	Drilling Method Geoprobe	
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level Feet	Surface Elevation Feet MSL	Borehole Diameter 2 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E S <input type="checkbox"/> /C <input type="checkbox"/> /N <input type="checkbox"/> Lat _____ _____ 1/4 of _____ 1/4 of Section _____, T _____ N,R _____ E <input type="checkbox"/> W <input type="checkbox"/> Long _____ Feet <input type="checkbox"/> S _____ Feet <input type="checkbox"/> W			Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W		
Facility ID	County Waukesha	County Code 68	Civil Town/City/or Village Elm Grove		

Sample Number and Type	Length All. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plastic Limit	P 200	
1	28.5		0	0-4/ 0-3.5" Pulverized concrete, flour, dry.				0-2						
			2	3.5-13" Silt/Clay/Sand/Gravel: Dark yellowish brown (10 YR 4/4), silt, grainy to smooth, sand, very fine to medium gravel up to 1.5" angular to subround, poorly sorted somewhat loose/crumbly to somewhat cohesive/plastic, moist. 13-28.5" Silt/Sand: Black brown dark gray brown (10 YR 3/2), silt is grainy to somewhat smooth, sand very fine to coarse mainly very fine to medium grain, trace to little gravel up to 2", round to subangular, moist.				2-4 3.7						
2	36		4	4-8/ 0-3" Slough. 3-7.5" Silt/Clay: Yellowish brown (10 YR 5/6) cohesive and somewhat plastic, some coarse sand size cinders, black and iridescent orange to black coloring.				4-6 0.0						
			6	7.5-14" Silt: Very dark grayish brown (10 YR 3/2), somewhat grainy to smooth, trace very fine sand, somewhat loose, dry. 14-27" Silt/Sand: Brownish yellow (10 YR 6/6) smooth to somewhat grainy, borderline grainy silt very fine sand, trace gravel up to 1" angular to subround, somewhat loose.				6-8 0.0						
3	35		8	27-36" Sand: Brownish yellow (10 YR 6/8), very fine to medium grain, predominantly fine to medium grain, silty, trace to little gravel up to 1.5" angular to subround, moist.				8-10 1.3						
			10	8-12/ 0-8" Slough. 8-12" Sand: As above. 12-14" Gravel: Crushed white limestone(?)				10-12 0.0						

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

Signature 	Firm ARCADIS 126 N. Jefferson St., Suite 400 Milwaukee, WI (414) 276-7742
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Sample		Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number and Type	Length All. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plastic Limit	P 200	
4	32		12	14-35" Sand/Gravel/Silt: Light yellow brown (10 YR 6/4), poorly sorted sand, very fine to coarse, predominantly medium to coarse, silt is smooth to grainy, gravel up to 2+ angular to subround, loose, dry.										
			14	12-16/ 0-27" Sand/Gravel/Silt: As above. 27-32" Sand: Yellowish brown (10 YR 5/6) fine grain, some very fine, trace medium, well sorted, loose, moist.				12-14 0.0						
5	30		16	16-20/ 0-22" Sand: Yellowish brown (10 YR 5/4) very fine to medium grain, predominantly fine grain, well sorted, loose, moist. 22-30" Sand: As above, wet.										
			18											16-18 0.0
			20	EOB @ 20'										
			22											
			24											
			26											
			28											

Route to: Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other _____

Facility/Project Name OHM - Elm Grove/WI001124.0001			License/Permit/Monitoring Number		Boring Number GP-3	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name Dan Last Name _____ Firm Probe Technology			Date Drilling Started 2/20/06		Date Drilling Completed 2/20/06	
WI Unique Well No.		DNR Well ID No.	Well Name		Final Static Water Level _____ Feet	
				Surface Elevation _____ Feet MSL		Borehole Diameter 1 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>			Local Grid Location			
State Plane _____ N, _____ E S <input type="checkbox"/> /C <input type="checkbox"/> /N <input type="checkbox"/>			Lat _____			<input type="checkbox"/> N <input type="checkbox"/> E
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____			_____ E <input type="checkbox"/> W <input type="checkbox"/>			Long _____ Feet <input type="checkbox"/> S _____ Feet <input type="checkbox"/> W
Facility ID		County Waukesha		County Code 68		Civil Town/City/or Village Elm Grove

Sample Number and Type	Length All. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plastic Limit	P 200		
1	12		0	0-2/ 0-3" Concrete, pulverized, white. 3-12" Sand: Dark yellowish brown (10 YR 4/6), very fine to fine grain, silty (grainy), trace gravel and coarse sand up to 1/2" subround to subangular, loose, moist.				0-2 21							
2	12		2	2-4/ 0-7" Sand: As above, silty. 7-9" Stone: Crushed, up to 3/4" angular, loose. 9-12" Silt: Very dark gray, some sand, medium to coarse, somewhat loose to slight cohesive, nonplastic, moist.				2-4 22.6							
3	24		4	4-6/ 0-4" Slough. 4-8" Silt: As above. 8-13" Clay/Silt: Dark yellowish brown (10 YR 3/4) trace to little gravel up to 1/2" subround to subangular and coarse to medium sand, cohesive somewhat plastic (where no coarse sand and gravel) moist, stained black/yellow in places.				4-6 9.1							
4	0		6	13-15" Silt/Sand: Dark yellow brown (10 YR 4/6), loose, sand medium to coarse, little gravel to 1/4", subround to subangular, poorly sorted. 15-16.5" Clay/Silt: As above 8-13". 16.5-24" Silt: Black, some to little sand very fine grain, silt is smooth to grainy, trace coarse sand, somewhat loose to somewhat crumbly, moist.				6-8 0.0							
			8	5-8/ Refusal @ 6.3', no recovery. EOB @ 8'											
			10												

I hereby certify that the information on this form is true and correct to the best of my knowledge.
Signature *R.A. [Signature]* Firm **ARCADIS**
126 N. Jefferson St., Suite 400
Milwaukee, WI (414) 276-7742

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foxcarp/wi1124/ohmelmgrv/graphics/logs/gp3.ai

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Page 1 of 1

Facility/Project Name OHM - Elm Grove/WI001124.0001			License/Permit/Monitoring Number		Boring Number GP-4		
Boring Drilled By: Name of crew chief (first, last) and Firm First Name Dan Last Name Firm Probe Technology			Date Drilling Started 2/20/06		Date Drilling Completed 2/20/06		
WI Unique Well No.		DNR Well ID No.	Well Name		Final Static Water Level		
					Surface Elevation		
					Borehole Diameter 1 inches		
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>			Local Grid Location				
State Plane <u> </u> N, <u> </u> E S <input type="checkbox"/> /C <input type="checkbox"/> /N <input type="checkbox"/>			Lat <u> </u> <input type="checkbox"/> N <input type="checkbox"/> E				
<u> </u> 1/4 of <u> </u> 1/4 of Section <u> </u> , T <u> </u> N,R <u> </u> <input type="checkbox"/> E <input type="checkbox"/> W			Long <u> </u> Feet <input type="checkbox"/> S <u> </u> Feet <input type="checkbox"/> W				
Facility ID		County Waukesha		County Code 68		Civil Town/City/or Village Elm Grove	

Sample Number and Type	Length All. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plastic Limit	P 200		
1	4		0	0-2/ 0-4" Sand: Yellow brown (10 YR 5/6), fine grain, little grainy silt, trace medium grain, sorted to well sorted, loose, trace fine gravel up to 1/4" subround to subangular.				0-2 1.0							
2	4.5		2	2-4/ 0-1.5" Slough. 1.5-4.0' Rocks: Crushed/broken up to 1" angular to subangular, limestone. 4.0-4.5" Silt: Black, smooth to grainy trace organics, trace to little fine to medium sand, somewhat loose to somewhat crumbly, moist.				2-4 2.9							
3	24		4	4-6/ 0-6" Slough. 6-14" Silt/Clay: Dark brown (10 YR 3/3), smooth to grainy, little sand, medium to fine grain, trace gravel up to 3/4" angular to subround, moist, some orange/rust mottling at 12-14" grades into more sandy (fine to very fine) unit.				4-6 0.9							
4	8		6	14-24" Organic Rich Silt - Silt: Black smooth (wood), trace gravel up to 3/4" subround to subangular, moist, organic, odor.				6-8 0.6							
			8	6-8/ 0-8" Silt/Sand/Gravel: Yellowish brown (10 YR 5/6), poorly sorted silt grainy to smooth, sand fine to coarse gravel up to 3/4" subround to subangular, loose.											
			10	EOB @ 8'											

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

Signature *D.A. [Signature]* Firm **ARCADIS**
126 N. Jefferson St., Suite 400
Milwaukee, WI (414) 276-7742

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

Route to:

Drinking Water Watershed/Wastewater Waste Management Remediation/Redevelopment Other: _____

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

WI Unique Well No. _____		DNR Well ID No. _____		County Waukesha		Facility Name OHM Elm Grove/WI001124.0001				
Common Well Name GP-1				Gov't Lot # (if applicable)		Facility ID		License/Permit/Monitoring No.	City, Village or Town Elm Grove	
1/4 / 1/4	1/4	Section	Township	Range	<input type="checkbox"/> E <input type="checkbox"/> W	Street Address of Well 13405 Watertown Plank Road				
Grid Location		Local Grid Origin		Well Location		Present Well Owner		Original Well Owner		
Feet	<input type="checkbox"/> N <input type="checkbox"/> S	Feet	<input type="checkbox"/> E <input type="checkbox"/> W	<input type="checkbox"/> (estimated) OR <input type="checkbox"/> Well Location		Street Address or Route of Owner				
Latitude: DEG MIN SEC			Longitude: DEG MIN SEC			City		State	ZIP Code	

Reason For Abandonment
Temporary borehole

WI Unique Well No. of Replacement Well _____

3. Well/Drillhole/Borehole Information

Monitoring Well
 Water Well
 Borehole/Drillhole

Original Construction Date
2/20/06

If a Well Construction Report is available, please attach.

Construction Type:

Drilled Driven (Sandpoint) Dug
 Other (specify): **Geoprobe**

Formation Type:

Unconsolidated Formation Bedrock

Total Well Depth From Groundsurface (ft.) **20**

Casing Diameter (in.) _____

Lower Drillhole Diameter (in.) **2**

Casing Depth (ft.) _____

Was well annular space grouted? Yes No Unknown

If yes, to what depth (feet)? _____

Depth to Water (feet) **19.5**

5. Material Used to Fill Well/Drillhole

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Medium (3/8") Bentonite chips	Surface	20	<1/2 bag	

6. Comments

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

Name of Person or Firm Doing Sealing Work Paul Lenaker/ARCADIS		Date of Abandonment 2/20/06		Date Received	Noted By
Street or Route 126 N. Jefferson Street, Suite 400		Telephone Number (414) 276-7742		Comments	

City **Milwaukee** State **WI** ZIP Code **53202** Signature of Person Doing Work *DPA* Date Signed **3/2/06**

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

Route to:

Drinking Water Watershed/Wastewater Waste Management Remediation/Redevelopment Other: _____

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

WI Unique Well No. _____		DNR Well ID No. _____		County Waukesha		Facility Name OHM Elm Grove/WI001124.0001	
Common Well Name GP-2		Gov't Lot # (if applicable)		Facility ID		License/Permit/Monitoring No.	
City, Village or Town Elm Grove		1/4 / 1/4		Section		Township	
1/4		1/4		Range		<input type="checkbox"/> E <input type="checkbox"/> W	
Grid Location		Local Grid Origin		Street Address of Well 13405 Watertown Plank Road		Present Well Owner	
Feet <input type="checkbox"/> N <input type="checkbox"/> S		Feet <input type="checkbox"/> E <input type="checkbox"/> W		(estimated) OR <input type="checkbox"/> Well Location		Original Well Owner	
Latitude: DEG MIN SEC		Longitude: DEG MIN SEC		Street Address or Route of Owner		City	
N		W				State	
Reason For Abandonment Temporary borehole		WI Unique Well No. of Replacement Well		City		ZIP Code	

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

<input type="checkbox"/> Monitoring Well		Original Construction Date 2/20/06		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole/Drillhole				Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type:				Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Drilled		<input type="checkbox"/> Driven (Sandpoint)		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Other (specify): Geoprobe		<input type="checkbox"/> Dug		Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Formation Type:				Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Unconsolidated Formation		<input type="checkbox"/> Bedrock		If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Total Well Depth From Groundsurface (ft.) 20		Casing Diameter (in.)		If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) 2		Casing Depth (ft.)		Required Method of Placing Sealing Material	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown				<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
If yes, to what depth (feet)?		Depth to Water (feet) 19.5		<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	
				Sealing Materials	
				<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb/gal. wt.)	
				<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " "	
				<input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Bentonite Chips	
				For Monitoring Wells and Monitoring Well Boreholes Only:	
				<input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout	
				<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	

5. Material Used to Fill Well/Drillhole

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	20	<1/2 bag	

6. Comments

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

Name of Person or Firm Doing Sealing Work Paul Lenaker/ARCADIS		Date of Abandonment 2/20/06		Date Received		Noted By	
Street or Route 126 N. Jefferson Street, Suite 400		Telephone Number (414) 276-7742		Comments:			

City **Milwaukee** State **WI** ZIP Code **53202** Signature of Person Doing Work *D.A.* Date Signed **3/2/06**

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

Route to:

Drinking Water Watershed/Wastewater Waste Management Remediation/Redevelopment Other: _____

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

WI Unique Well No. _____		DNR Well ID No. _____		County Waukesha		Facility Name OHM Elm Grove/WI001124.0001	
Common Well Name GP-3		Gov't Lot # (if applicable)		Facility ID		License/Permit/Monitoring No.	
City, Village or Town Elm Grove		Township		Range		Street Address of Well 13405 Watertown Plank Road	
1/4 / 1/4		1/4		Section		Present Well Owner	
Grid Location		Local Grid Origin		Well Location		Original Well Owner	
Feet <input type="checkbox"/> N <input type="checkbox"/> S		Feet <input type="checkbox"/> E <input type="checkbox"/> W		<input type="checkbox"/> (estimated) OR <input type="checkbox"/> Well Location		Street Address or Route of Owner	
Latitude: DEG MIN SEC		Longitude: DEG MIN SEC		City		State ZIP Code	
Reason For Abandonment Temporary borehole		WI Unique Well No. of Replacement Well		City		State ZIP Code	

3. Well/Drillhole/Borehole Information

Monitoring Well
 Water Well
 Borehole/Drillhole

Original Construction Date
2/20/06

If a Well Construction Report is available, please attach.

Construction Type:
 Drilled Driven (Sandpoint) Dug
 Other (specify): **Geoprobe**

Formation Type:
 Unconsolidated Formation Bedrock

Total Well Depth From Groundsurface (ft.) **6** Casing Diameter (in.) _____

Lower Drillhole Diameter (in.) **1** Casing Depth (ft.) _____

Was well annular space grouted? Yes No Unknown

If yes, to what depth (feet)? _____ Depth to Water (feet) _____

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

Pump and piping removed? Yes No N/A

Liner(s) removed? Yes No N/A

Screen removed? Yes No N/A

Casing left in place? Yes No N/A

Was casing cut off below surface? Yes No N/A

Did sealing material rise to surface? Yes No N/A

Did material settle after 24 hours? Yes No N/A

If yes, was hole retopped? Yes No N/A

If bentonite chips were used, were they hydrated with water from a known safe source? Yes No N/A

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

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

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

5. Material Used to Fill Well/Drillhole

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Medium (3/8") Bentonite chips	Surface	6	<1/2 bag	

6. Comments

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

Name of Person or Firm Doing Sealing Work Paul Lenaker/ARCADIS		Date of Abandonment 2/20/06		Date Received		Noted By	
Street or Route 126 N. Jefferson Street, Suite 400		Telephone Number (414) 276-7742		Comments			
City Milwaukee		State WI ZIP Code 53202		Signature of Person Doing Work D. N. P.		Date Signed 3/2/06	

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

Route to:

Drinking Water Watershed/Wastewater Waste Management Remediation/Redevelopment Other: _____

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

WI Unique Well No. _____		DNR Well ID No. _____		County Waukesha		Facility Name OHM Elm Grove/WI001124.0001	
Common Well Name GP-4		Gov't Lot # (if applicable)		Facility ID		License/Permit/Monitoring No.	
City, Village or Town Elm Grove		Township		Range <input type="checkbox"/> E <input type="checkbox"/> W		Street Address of Well 13405 Watertown Plank Road	
1/4 / 1/4		Section		Township N		Present Well Owner	
Grid Location		Local Grid Origin		Well Location		Original Well Owner	
Feet <input type="checkbox"/> N <input type="checkbox"/> S		Feet <input type="checkbox"/> E <input type="checkbox"/> W		<input type="checkbox"/> (estimated) OR <input type="checkbox"/> Well Location		Street Address or Route of Owner	
Latitude: DEG MIN SEC		Longitude: DEG MIN SEC		City		State ZIP Code	
N		W					

Reason For Abandonment
Temporary borehole

WI Unique Well No. of Replacement Well _____

3. Well/Drillhole/Borehole Information

Monitoring Well
 Water Well
 Borehole/Drillhole

Original Construction Date
2/20/06

If a Well Construction Report is available, please attach.

Construction Type:

Drilled Driven (Sandpoint) Dug
 Other (specify): **Geoprobe**

Formation Type:

Unconsolidated Formation Bedrock

Total Well Depth From Groundsurface (ft.) 8	Casing Diameter (in.)
Lower Drillhole Diameter (in.) 1	Casing Depth (ft.)

Was well annular space grouted? Yes No Unknown

If yes, to what depth (feet)? _____ Depth to Water (feet) _____

5. Material Used to Fill Well/Drillhole

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Medium (3/8") Bentonite chips	Surface	8	<1/2 bag	

6. Comments

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

Name of Person or Firm Doing Sealing Work Paul Lenaker/ARCADIS		Date of Abandonment 2/20/06	Date Received	Noted By
Street or Route 126 N. Jefferson Street, Suite 400		Telephone Number (414) 276-7742	Comments	

City **Milwaukee** State WI ZIP Code **53202** Signature of Person Doing Work *P.L.A.* Date Signed **3/2/06**

ARCADIS

Appendix B

Soil and Groundwater
Laboratory Reports

February 24, 2006

Client: ARCADIS - MILWAUKEE
126 N Jefferson Street Suite 400
Milwaukee, WI 53202

Work Order: WPB0702
Project Name: OHM Elm Grove, WI
Project Number: WI001124.0001

Attn: Ms. Jennine Cota

Date Received: 02/21/06

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

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

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
GP-1	WPB0702-01	02/20/06 09:55
GP-2	WPB0702-02	02/20/06 12:10
Trip Blank	WPB0702-03	02/20/06

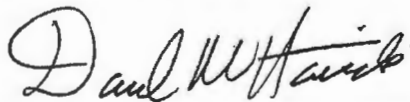
Samples were received into laboratory on ice.

Wisconsin Certification Number: 128053530, DATCP #266

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

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

Approved By:



TestAmerica Analytical - Watertown
David W. Havick For Warren L. Topel
Project Manager

ARCADIS - MILWAUKEE
126 N Jefferson Street Suite 400
Milwaukee, WI 53202
Ms. Jennine Cota

Work Order: WPB0702
Project: OHM Elm Grove, WI
Project Number: WI001124.0001

Received: 02/21/06
Reported: 02/24/06 08:07

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Seq/ Analyst Batch	Method	
Sample ID: WPB0702-01 (GP-1 - Ground Water)							Sampled: 02/20/06 09:55			
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	0.67	1	02/23/06 12:07	MAE 6020597	SW 8260B	
Bromobenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 12:07	MAE 6020597	SW 8260B	
Bromochloromethane	<0.50		ug/L	0.50	1.7	1	02/23/06 12:07	MAE 6020597	SW 8260B	
Bromodichloromethane	<0.20		ug/L	0.20	0.67	1	02/23/06 12:07	MAE 6020597	SW 8260B	
Bromoform	<0.20		ug/L	0.20	0.67	1	02/23/06 12:07	MAE 6020597	SW 8260B	
Bromomethane	<0.20		ug/L	0.20	0.67	1	02/23/06 12:07	MAE 6020597	SW 8260B	
n-Butylbenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 12:07	MAE 6020597	SW 8260B	
sec-Butylbenzene	<0.25		ug/L	0.25	0.83	1	02/23/06 12:07	MAE 6020597	SW 8260B	
tert-Butylbenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 12:07	MAE 6020597	SW 8260B	
Carbon Tetrachloride	<0.50		ug/L	0.50	1.7	1	02/23/06 12:07	MAE 6020597	SW 8260B	
Chlorobenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 12:07	MAE 6020597	SW 8260B	
Chlorodibromomethane	<0.20		ug/L	0.20	0.67	1	02/23/06 12:07	MAE 6020597	SW 8260B	
Chloroethane	<1.0		ug/L	1.0	3.3	1	02/23/06 12:07	MAE 6020597	SW 8260B	
Chloroform	<0.20		ug/L	0.20	0.67	1	02/23/06 12:07	MAE 6020597	SW 8260B	
Chloromethane	<0.20		ug/L	0.20	0.67	1	02/23/06 12:07	MAE 6020597	SW 8260B	
2-Chlorotoluene	<0.50		ug/L	0.50	1.7	1	02/23/06 12:07	MAE 6020597	SW 8260B	
4-Chlorotoluene	<0.20		ug/L	0.20	0.67	1	02/23/06 12:07	MAE 6020597	SW 8260B	
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	1.7	1	02/23/06 12:07	MAE 6020597	SW 8260B	
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	0.67	1	02/23/06 12:07	MAE 6020597	SW 8260B	
Dibromomethane	<0.20		ug/L	0.20	0.67	1	02/23/06 12:07	MAE 6020597	SW 8260B	
1,2-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 12:07	MAE 6020597	SW 8260B	
1,3-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 12:07	MAE 6020597	SW 8260B	
1,4-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 12:07	MAE 6020597	SW 8260B	
Dichlorodifluoromethane	<0.50		ug/L	0.50	1.7	1	02/23/06 12:07	MAE 6020597	SW 8260B	
1,1-Dichloroethane	<0.50		ug/L	0.50	1.7	1	02/23/06 12:07	MAE 6020597	SW 8260B	
1,2-Dichloroethane	<0.50		ug/L	0.50	1.7	1	02/23/06 12:07	MAE 6020597	SW 8260B	
1,1-Dichloroethene	<0.50		ug/L	0.50	1.7	1	02/23/06 12:07	MAE 6020597	SW 8260B	
cis-1,2-Dichloroethene	1.9		ug/L	0.50	1.7	1	02/23/06 12:07	MAE 6020597	SW 8260B	
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	02/23/06 12:07	MAE 6020597	SW 8260B	
1,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	02/23/06 12:07	MAE 6020597	SW 8260B	
1,3-Dichloropropane	<0.25		ug/L	0.25	0.83	1	02/23/06 12:07	MAE 6020597	SW 8260B	
2,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	02/23/06 12:07	MAE 6020597	SW 8260B	
1,1-Dichloropropene	<0.50		ug/L	0.50	1.7	1	02/23/06 12:07	MAE 6020597	SW 8260B	
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	02/23/06 12:07	MAE 6020597	SW 8260B	
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	02/23/06 12:07	MAE 6020597	SW 8260B	
Isopropyl Ether	<0.50		ug/L	0.50	1.7	1	02/23/06 12:07	MAE 6020597	SW 8260B	
Ethylbenzene	<0.50		ug/L	0.50	1.7	1	02/23/06 12:07	MAE 6020597	SW 8260B	
Hexachlorobutadiene	<0.50		ug/L	0.50	1.7	1	02/23/06 12:07	MAE 6020597	SW 8260B	
Isopropylbenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 12:07	MAE 6020597	SW 8260B	
p-Isopropyltoluene	<0.20		ug/L	0.20	0.67	1	02/23/06 12:07	MAE 6020597	SW 8260B	
Methylene Chloride	<1.0		ug/L	1.0	3.3	1	02/23/06 12:07	MAE 6020597	SW 8260B	
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	1.7	1	02/23/06 12:07	MAE 6020597	SW 8260B	
Naphthalene	<0.25		ug/L	0.25	0.83	1	02/23/06 12:07	MAE 6020597	SW 8260B	
n-Propylbenzene	<0.50		ug/L	0.50	1.7	1	02/23/06 12:07	MAE 6020597	SW 8260B	
Styrene	<0.20		ug/L	0.20	0.67	1	02/23/06 12:07	MAE 6020597	SW 8260B	
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	0.83	1	02/23/06 12:07	MAE 6020597	SW 8260B	
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	0.67	1	02/23/06 12:07	MAE 6020597	SW 8260B	
Tetrachloroethene	1.8		ug/L	0.50	1.7	1	02/23/06 12:07	MAE 6020597	SW 8260B	
Toluene	0.53	J	ug/L	0.20	0.67	1	02/23/06 12:07	MAE 6020597	SW 8260B	
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	02/23/06 12:07	MAE 6020597	SW 8260B	

ARCADIS - MILWAUKEE
126 N Jefferson Street Suite 400
Milwaukee, WI 53202
Ms. Jennine Cota

Work Order: WPB0702
Project: OHM Elm Grove, WI
Project Number: WI001124.0001

Received: 02/21/06
Reported: 02/24/06 08:07

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method	
Sample ID: WPB0702-01 (GP-1 - Ground Water) - cont.							Sampled: 02/20/06 09:55				
VOCs by SW8260B - cont.											
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	02/23/06 12:07	MAE	6020597	SW 8260B	
1,1,1-Trichloroethane	<0.50		ug/L	0.50	1.7	1	02/23/06 12:07	MAE	6020597	SW 8260B	
1,1,2-Trichloroethane	<0.25		ug/L	0.25	0.83	1	02/23/06 12:07	MAE	6020597	SW 8260B	
Trichloroethene	0.32	J	ug/L	0.20	0.67	1	02/23/06 12:07	MAE	6020597	SW 8260B	
Trichlorofluoromethane	<0.50		ug/L	0.50	1.7	1	02/23/06 12:07	MAE	6020597	SW 8260B	
1,2,3-Trichloropropane	<0.50		ug/L	0.50	1.7	1	02/23/06 12:07	MAE	6020597	SW 8260B	
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 12:07	MAE	6020597	SW 8260B	
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 12:07	MAE	6020597	SW 8260B	
Vinyl chloride	<0.20		ug/L	0.20	0.67	1	02/23/06 12:07	MAE	6020597	SW 8260B	
Xylenes, Total	<0.50		ug/L	0.50	1.7	1	02/23/06 12:07	MAE	6020597	SW 8260B	
Surr: Dibromofluoromethane (89-119%)	101 %										
Surr: Toluene-d8 (91-109%)	100 %										
Surr: 4-Bromofluorobenzene (89-114%)	102 %										

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method	
Sample ID: WPB0702-02 (GP-2 - Ground Water)							Sampled: 02/20/06 12:10				
VOCs by SW8260B											
Benzene	0.21	J	ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B	
Bromobenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B	
Bromochloromethane	<0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597	SW 8260B	
Bromodichloromethane	<0.20		ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B	
Bromoform	<0.20		ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B	
Bromomethane	<0.20		ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B	
n-Butylbenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B	
sec-Butylbenzene	<0.25		ug/L	0.25	0.83	1	02/23/06 11:39	MAE	6020597	SW 8260B	
tert-Butylbenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B	
Carbon Tetrachloride	<0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597	SW 8260B	
Chlorobenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B	
Chlorodibromomethane	<0.20		ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B	
Chloroethane	<1.0		ug/L	1.0	3.3	1	02/23/06 11:39	MAE	6020597	SW 8260B	
Chloroform	<0.20		ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B	
Chloromethane	<0.20		ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B	
2-Chlorotoluene	<0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597	SW 8260B	
4-Chlorotoluene	<0.20		ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B	
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597	SW 8260B	
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B	
Dibromomethane	<0.20		ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B	
1,2-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B	
1,3-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B	
1,4-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B	
Dichlorodifluoromethane	<0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597	SW 8260B	
1,1-Dichloroethane	<0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597	SW 8260B	
1,2-Dichloroethane	<0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597	SW 8260B	
1,1-Dichloroethene	<0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597	SW 8260B	
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597	SW 8260B	
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597	SW 8260B	
1,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597	SW 8260B	
1,3-Dichloropropane	<0.25		ug/L	0.25	0.83	1	02/23/06 11:39	MAE	6020597	SW 8260B	
2,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597	SW 8260B	
1,1-Dichloropropene	<0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597	SW 8260B	
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B	
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B	
Isopropyl Ether	<0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597	SW 8260B	

ARCADIS - MILWAUKEE
126 N Jefferson Street Suite 400
Milwaukee, WI 53202
Ms. Jennine Cota

Work Order: WPB0702
Project: OHM Elm Grove, WI
Project Number: WI001124.0001

Received: 02/21/06
Reported: 02/24/06 08:07

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WPB0702-02 (GP-2 - Ground Water) - cont.										
VOCs by SW8260B - cont.										
Ethylbenzene	<0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	3.3	1	02/23/06 11:39	MAE	6020597	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597	SW 8260B
Naphthalene	<0.25		ug/L	0.25	0.83	1	02/23/06 11:39	MAE	6020597	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597	SW 8260B
Styrene	<0.20		ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	0.83	1	02/23/06 11:39	MAE	6020597	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597	SW 8260B
Toluene	0.46	J	ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	02/23/06 11:39	MAE	6020597	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	02/23/06 11:39	MAE	6020597	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	0.83	1	02/23/06 11:39	MAE	6020597	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597	SW 8260B
Surr: Dibromofluoromethane (89-119%)	101 %									
Surr: Toluene-d8 (91-109%)	100 %									
Surr: 4-Bromofluorobenzene (89-114%)	102 %									

Sampled: 02/20/06 12:10

Sample ID: WPB0702-03 (Trip Blank - Ground Water)
VOCs by SW8260B

Sampled: 02/20/06

Benzene	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260B
Bromoform	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260B
Bromomethane	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	0.83	1	02/23/06 10:42	MAE	6020597	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260B
Carbon Tetrachloride	<0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260B
Chloroethane	<1.0		ug/L	1.0	3.3	1	02/23/06 10:42	MAE	6020597	SW 8260B
Chloroform	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260B
Chloromethane	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260B

TestAmerica

ANALYTICAL TESTING CORPORATION

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

ARCADIS - MILWAUKEE
126 N Jefferson Street Suite 400
Milwaukee, WI 53202
Ms. Jennine Cota

Work Order: WPB0702
Project: OHM Elm Grove, WI
Project Number: WI001124.0001

Received: 02/21/06
Reported: 02/24/06 08:07

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WPB0702-03 (Trip Blank - Ground Water) - cont.							Sampled: 02/20/06			
VOCs by SW8260B - cont.										
1,4-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	0.83	1	02/23/06 10:42	MAE	6020597	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	3.3	1	02/23/06 10:42	MAE	6020597	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260B
Naphthalene	<0.25		ug/L	0.25	0.83	1	02/23/06 10:42	MAE	6020597	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260B
Styrene	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	0.83	1	02/23/06 10:42	MAE	6020597	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260B
Toluene	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	02/23/06 10:42	MAE	6020597	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	02/23/06 10:42	MAE	6020597	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	0.83	1	02/23/06 10:42	MAE	6020597	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260B
Surr: Dibromofluoromethane (89-119%)	102 %									
Surr: Toluene-d8 (91-109%)	99 %									
Surr: 4-Bromofluorobenzene (89-114%)	100 %									

ARCADIS - MILWAUKEE
 126 N Jefferson Street Suite 400
 Milwaukee, WI 53202
 Ms. Jennine Cota

Work Order: WPB0702
 Project: OHM Elm Grove, WI
 Project Number: WI001124.0001

Received: 02/21/06
 Reported: 02/24/06 08:07

LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Spike Result Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
VOCs by SW8260B													
Benzene	6020597		ug/L	0.20	0.67	<0.20							
Bromobenzene	6020597		ug/L	0.20	0.67	<0.20							
Bromochloromethane	6020597		ug/L	0.50	1.7	<0.50							
Bromodichloromethane	6020597		ug/L	0.20	0.67	<0.20							
Bromoform	6020597		ug/L	0.20	0.67	<0.20							
Bromomethane	6020597		ug/L	0.20	0.67	<0.20							
n-Butylbenzene	6020597		ug/L	0.20	0.67	<0.20							
sec-Butylbenzene	6020597		ug/L	0.25	0.83	<0.25							
tert-Butylbenzene	6020597		ug/L	0.20	0.67	<0.20							
Carbon Tetrachloride	6020597		ug/L	0.50	1.7	<0.50							
Chlorobenzene	6020597		ug/L	0.20	0.67	<0.20							
Chlorodibromomethane	6020597		ug/L	0.20	0.67	<0.20							
Chloroethane	6020597		ug/L	1.0	3.3	<1.0							
Chloroform	6020597		ug/L	0.20	0.67	<0.20							
Chloromethane	6020597		ug/L	0.20	0.67	<0.20							
2-Chlorotoluene	6020597		ug/L	0.50	1.7	<0.50							
4-Chlorotoluene	6020597		ug/L	0.20	0.67	<0.20							
1,2-Dibromo-3-chloropropane	6020597		ug/L	0.50	1.7	<0.50							
1,2-Dibromoethane (EDB)	6020597		ug/L	0.20	0.67	<0.20							
Dibromomethane	6020597		ug/L	0.20	0.67	<0.20							
1,2-Dichlorobenzene	6020597		ug/L	0.20	0.67	<0.20							
1,3-Dichlorobenzene	6020597		ug/L	0.20	0.67	<0.20							
1,4-Dichlorobenzene	6020597		ug/L	0.20	0.67	<0.20							
Dichlorodifluoromethane	6020597		ug/L	0.50	1.7	<0.50							
1,1-Dichloroethane	6020597		ug/L	0.50	1.7	<0.50							
1,2-Dichloroethane	6020597		ug/L	0.50	1.7	<0.50							
1,1-Dichloroethene	6020597		ug/L	0.50	1.7	<0.50							
cis-1,2-Dichloroethene	6020597		ug/L	0.50	1.7	<0.50							
trans-1,2-Dichloroethene	6020597		ug/L	0.50	1.7	<0.50							
1,2-Dichloropropane	6020597		ug/L	0.50	1.7	<0.50							
1,3-Dichloropropane	6020597		ug/L	0.25	0.83	<0.25							
2,2-Dichloropropane	6020597		ug/L	0.50	1.7	<0.50							
1,1-Dichloropropene	6020597		ug/L	0.50	1.7	<0.50							
cis-1,3-Dichloropropene	6020597		ug/L	0.20	0.67	<0.20							
trans-1,3-Dichloropropene	6020597		ug/L	0.20	0.67	<0.20							
Isopropyl Ether	6020597		ug/L	0.50	1.7	<0.50							
Ethylbenzene	6020597		ug/L	0.50	1.7	<0.50							
Hexachlorobutadiene	6020597		ug/L	0.50	1.7	<0.50							
Isopropylbenzene	6020597		ug/L	0.20	0.67	<0.20							
p-Isopropyltoluene	6020597		ug/L	0.20	0.67	<0.20							
Methylene Chloride	6020597		ug/L	1.0	3.3	<1.0							
Methyl tert-Butyl Ether	6020597		ug/L	0.50	1.7	<0.50							
Naphthalene	6020597		ug/L	0.25	0.83	<0.25							
n-Propylbenzene	6020597		ug/L	0.50	1.7	<0.50							
Styrene	6020597		ug/L	0.20	0.67	<0.20							

ARCADIS - MILWAUKEE
 126 N Jefferson Street Suite 400
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Work Order: WPB0702
 Project: OHM Elm Grove, WI
 Project Number: WI001124.0001

Received: 02/21/06
 Reported: 02/24/06 08:07

LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Spike		Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	%REC Limits	RPD RPD	RPD Limit	Q
		Result	Level											
VOCs by SW8260B														
1,1,1,2-Tetrachloroethane	6020597			ug/L	0.25	0.83	<0.25							
1,1,2,2-Tetrachloroethane	6020597			ug/L	0.20	0.67	<0.20							
Tetrachloroethene	6020597			ug/L	0.50	1.7	<0.50							
Toluene	6020597			ug/L	0.20	0.67	<0.20							
1,2,3-Trichlorobenzene	6020597			ug/L	0.25	0.83	<0.25							
1,2,4-Trichlorobenzene	6020597			ug/L	0.25	0.83	<0.25							
1,1,1-Trichloroethane	6020597			ug/L	0.50	1.7	<0.50							
1,1,2-Trichloroethane	6020597			ug/L	0.25	0.83	<0.25							
Trichloroethene	6020597			ug/L	0.20	0.67	<0.20							
Trichlorofluoromethane	6020597			ug/L	0.50	1.7	<0.50							
1,2,3-Trichloropropane	6020597			ug/L	0.50	1.7	<0.50							
1,2,4-Trimethylbenzene	6020597			ug/L	0.20	0.67	<0.20							
1,3,5-Trimethylbenzene	6020597			ug/L	0.20	0.67	<0.20							
Vinyl chloride	6020597			ug/L	0.20	0.67	<0.20							
Xylenes, Total	6020597			ug/L	0.50	1.7	<0.50							
Surrogate: Dibromofluoromethane	6020597			ug/L					101		89-119			
Surrogate: Toluene-d8	6020597			ug/L					100		91-109			
Surrogate: 4-Bromofluorobenzene	6020597			ug/L					102		89-114			

ARCADIS - MILWAUKEE
126 N Jefferson Street Suite 400
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Ms. Jennine Cota

Work Order: WPB0702
Project: OHM Elm Grove, WI
Project Number: WI001124.0001

Received: 02/21/06
Reported: 02/24/06 08:07

CCV QC DATA

Analyte	Seq/ Batch	Source Spike Result Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
VOCs by SW8260B													
Benzene	6B23002	50.0	ug/L	N/A	N/A	47.9		96		80-120			
Bromobenzene	6B23002	50.0	ug/L	N/A	N/A	45.5		91		80-120			
Bromochloromethane	6B23002	50.0	ug/L	N/A	N/A	46.1		92		80-120			
Bromodichloromethane	6B23002	50.0	ug/L	N/A	N/A	47.0		94		80-120			
Bromoform	6B23002	50.0	ug/L	N/A	N/A	45.7		91		80-120			
Bromomethane	6B23002	50.0	ug/L	N/A	N/A	48.4		97		80-120			
n-Butylbenzene	6B23002	50.0	ug/L	N/A	N/A	46.6		93		80-120			
sec-Butylbenzene	6B23002	50.0	ug/L	N/A	N/A	46.4		93		80-120			
tert-Butylbenzene	6B23002	50.0	ug/L	N/A	N/A	46.5		93		80-120			
Carbon Tetrachloride	6B23002	50.0	ug/L	N/A	N/A	49.2		98		80-120			
Chlorobenzene	6B23002	50.0	ug/L	N/A	N/A	46.6		93		80-120			
Chlorodibromomethane	6B23002	50.0	ug/L	N/A	N/A	47.1		94		80-120			
Chloroethane	6B23002	50.0	ug/L	N/A	N/A	49.8		100		80-120			
Chloroform	6B23002	50.0	ug/L	N/A	N/A	47.3		95		80-120			
Chloromethane	6B23002	50.0	ug/L	N/A	N/A	48.4		97		80-120			
2-Chlorotoluene	6B23002	50.0	ug/L	N/A	N/A	45.7		91		80-120			
4-Chlorotoluene	6B23002	50.0	ug/L	N/A	N/A	46.6		93		80-120			
1,2-Dibromo-3-chloropropane	6B23002	50.0	ug/L	N/A	N/A	45.2		90		80-120			
1,2-Dibromoethane (EDB)	6B23002	50.0	ug/L	N/A	N/A	46.6		93		80-120			
Dibromomethane	6B23002	50.0	ug/L	N/A	N/A	46.4		93		80-120			
1,2-Dichlorobenzene	6B23002	50.0	ug/L	N/A	N/A	45.4		91		80-120			
1,3-Dichlorobenzene	6B23002	50.0	ug/L	N/A	N/A	46.1		92		80-120			
1,4-Dichlorobenzene	6B23002	50.0	ug/L	N/A	N/A	45.1		90		80-120			
Dichlorodifluoromethane	6B23002	50.0	ug/L	N/A	N/A	53.3		107		80-120			
1,1-Dichloroethane	6B23002	50.0	ug/L	N/A	N/A	48.2		96		80-120			
1,2-Dichloroethane	6B23002	50.0	ug/L	N/A	N/A	47.6		95		80-120			
1,1-Dichloroethene	6B23002	50.0	ug/L	N/A	N/A	49.7		99		80-120			
cis-1,2-Dichloroethene	6B23002	50.0	ug/L	N/A	N/A	47.5		95		80-120			
trans-1,2-Dichloroethene	6B23002	50.0	ug/L	N/A	N/A	47.6		95		80-120			
1,2-Dichloropropane	6B23002	50.0	ug/L	N/A	N/A	46.7		93		80-120			
1,3-Dichloropropane	6B23002	50.0	ug/L	N/A	N/A	46.7		93		80-120			
2,2-Dichloropropane	6B23002	50.0	ug/L	N/A	N/A	52.2		104		80-120			
1,1-Dichloropropene	6B23002	50.0	ug/L	N/A	N/A	48.8		98		80-120			
cis-1,3-Dichloropropene	6B23002	50.0	ug/L	N/A	N/A	47.2		94		80-120			
trans-1,3-Dichloropropene	6B23002	50.0	ug/L	N/A	N/A	46.9		94		80-120			
Isopropyl Ether	6B23002	50.0	ug/L	N/A	N/A	47.6		95		80-120			
Ethylbenzene	6B23002	50.0	ug/L	N/A	N/A	45.8		92		80-120			
Hexachlorobutadiene	6B23002	50.0	ug/L	N/A	N/A	43.1		86		80-120			
Isopropylbenzene	6B23002	50.0	ug/L	N/A	N/A	47.1		94		80-120			
p-Isopropyltoluene	6B23002	50.0	ug/L	N/A	N/A	45.8		92		80-120			
Methylene Chloride	6B23002	50.0	ug/L	N/A	N/A	47.2		94		80-120			
Methyl tert-Butyl Ether	6B23002	50.0	ug/L	N/A	N/A	48.1		96		80-120			
Naphthalene	6B23002	50.0	ug/L	N/A	N/A	44.2		88		80-120			
n-Propylbenzene	6B23002	50.0	ug/L	N/A	N/A	46.4		93		80-120			
Styrene	6B23002	50.0	ug/L	N/A	N/A	47.7		95		80-120			

ARCADIS - MILWAUKEE
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Work Order: WPB0702
 Project: OHM Elm Grove, WI
 Project Number: WI001124.0001

Received: 02/21/06
 Reported: 02/24/06 08:07

CCV QC DATA

Analyte	Seq/ Batch	Source Spike Result Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
VOCs by SW8260B													
1,1,1,2-Tetrachloroethane	6B23002	50.0	ug/L	N/A	N/A	46.4		93		80-120			
1,1,2,2-Tetrachloroethane	6B23002	50.0	ug/L	N/A	N/A	45.0		90		80-120			
Tetrachloroethene	6B23002	50.0	ug/L	N/A	N/A	47.5		95		80-120			
Toluene	6B23002	50.0	ug/L	N/A	N/A	46.2		92		80-120			
1,2,3-Trichlorobenzene	6B23002	50.0	ug/L	N/A	N/A	42.8		86		80-120			
1,2,4-Trichlorobenzene	6B23002	50.0	ug/L	N/A	N/A	44.9		90		80-120			
1,1,1-Trichloroethane	6B23002	50.0	ug/L	N/A	N/A	48.5		97		80-120			
1,1,2-Trichloroethane	6B23002	50.0	ug/L	N/A	N/A	46.2		92		80-120			
Trichloroethene	6B23002	50.0	ug/L	N/A	N/A	48.0		96		80-120			
Trichlorofluoromethane	6B23002	50.0	ug/L	N/A	N/A	51.2		102		80-120			
1,2,3-Trichloropropane	6B23002	50.0	ug/L	N/A	N/A	45.6		91		80-120			
1,2,4-Trimethylbenzene	6B23002	50.0	ug/L	N/A	N/A	46.8		94		80-120			
1,3,5-Trimethylbenzene	6B23002	50.0	ug/L	N/A	N/A	46.6		93		80-120			
Vinyl chloride	6B23002	50.0	ug/L	N/A	N/A	49.9		100		80-120			
Xylenes, Total	6B23002	150	ug/L	N/A	N/A	137		91		80-120			
Surrogate: Dibromofluoromethane	6B23002		ug/L					102		80-120			
Surrogate: Toluene-d8	6B23002		ug/L					99		80-120			
Surrogate: 4-Bromofluorobenzene	6B23002		ug/L					99		80-120			

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MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup % REC	% REC Limits	RPD	RPD Limit	Q
VOCs by SW8260B														
QC Source Sample: WPB0702-02														
Benzene	6020597	0.21	50.0	ug/L	0.20	0.67	51.6	50.3	103	100	80-121	3	11	
Bromobenzene	6020597	<0.20	50.0	ug/L	0.20	0.67	49.4	47.8	99	96	70-130	3	20	
Bromochloromethane	6020597	<0.50	50.0	ug/L	0.50	1.7	49.6	48.3	99	97	70-130	3	20	
Bromodichloromethane	6020597	<0.20	50.0	ug/L	0.20	0.67	50.7	49.4	101	99	70-130	3	20	
Bromoform	6020597	<0.20	50.0	ug/L	0.20	0.67	50.3	49.2	101	98	70-130	2	20	
Bromomethane	6020597	<0.20	50.0	ug/L	0.20	0.67	53.2	52.4	106	105	70-130	2	20	
n-Butylbenzene	6020597	<0.20	50.0	ug/L	0.20	0.67	51.0	45.8	102	92	70-130	11	20	
sec-Butylbenzene	6020597	<0.25	50.0	ug/L	0.25	0.83	51.2	47.9	102	96	70-130	7	20	
tert-Butylbenzene	6020597	<0.20	50.0	ug/L	0.20	0.67	51.7	48.9	103	98	70-130	6	20	
Carbon Tetrachloride	6020597	<0.50	50.0	ug/L	0.50	1.7	53.4	52.0	107	104	70-130	3	20	
Chlorobenzene	6020597	<0.20	50.0	ug/L	0.20	0.67	50.3	48.5	101	97	85-116	4	9	
Chlorodibromomethane	6020597	<0.20	50.0	ug/L	0.20	0.67	51.4	49.8	103	100	70-130	3	20	
Chloroethane	6020597	<1.0	50.0	ug/L	1.0	3.3	53.3	52.0	107	104	70-130	2	20	
Chloroform	6020597	<0.20	50.0	ug/L	0.20	0.67	50.9	49.6	102	99	70-130	3	20	
Chloromethane	6020597	<0.20	50.0	ug/L	0.20	0.67	50.5	48.4	101	97	70-130	4	20	
2-Chlorotoluene	6020597	<0.50	50.0	ug/L	0.50	1.7	52.6	49.5	105	99	70-130	6	20	
4-Chlorotoluene	6020597	<0.20	50.0	ug/L	0.20	0.67	52.2	45.9	104	92	70-130	13	20	
1,2-Dibromo-3-chloropropane	6020597	<0.50	50.0	ug/L	0.50	1.7	52.2	50.9	104	102	70-130	3	20	
1,2-Dibromoethane (EDB)	6020597	<0.20	50.0	ug/L	0.20	0.67	50.4	49.4	101	99	70-130	2	20	
Dibromomethane	6020597	<0.20	50.0	ug/L	0.20	0.67	50.6	49.9	101	100	70-130	1	20	
1,2-Dichlorobenzene	6020597	<0.20	50.0	ug/L	0.20	0.67	49.8	47.7	100	95	70-130	4	20	
1,3-Dichlorobenzene	6020597	<0.20	50.0	ug/L	0.20	0.67	50.4	47.7	101	95	70-130	6	20	
1,4-Dichlorobenzene	6020597	<0.20	50.0	ug/L	0.20	0.67	50.5	47.6	101	95	70-130	6	20	
Dichlorodifluoromethane	6020597	<0.50	50.0	ug/L	0.50	1.7	57.6	55.2	115	110	70-130	4	20	
1,1-Dichloroethane	6020597	<0.50	50.0	ug/L	0.50	1.7	52.1	50.7	104	101	70-130	3	20	
1,2-Dichloroethane	6020597	<0.50	50.0	ug/L	0.50	1.7	51.5	50.1	103	100	70-130	3	20	
1,1-Dichloroethene	6020597	<0.50	50.0	ug/L	0.50	1.7	53.8	52.9	108	106	72-131	2	17	
cis-1,2-Dichloroethene	6020597	<0.50	50.0	ug/L	0.50	1.7	52.1	50.9	104	102	70-130	2	20	
trans-1,2-Dichloroethene	6020597	<0.50	50.0	ug/L	0.50	1.7	51.8	51.3	104	103	70-130	1	20	
1,2-Dichloropropane	6020597	<0.50	50.0	ug/L	0.50	1.7	50.4	48.4	101	97	70-130	4	20	
1,3-Dichloropropane	6020597	<0.25	50.0	ug/L	0.25	0.83	51.1	49.8	102	100	70-130	3	20	
2,2-Dichloropropane	6020597	<0.50	50.0	ug/L	0.50	1.7	57.0	54.1	114	108	70-130	5	20	
1,1-Dichloropropene	6020597	<0.50	50.0	ug/L	0.50	1.7	53.1	51.1	106	102	70-130	4	20	
cis-1,3-Dichloropropene	6020597	<0.20	50.0	ug/L	0.20	0.67	51.6	50.3	103	101	70-130	3	20	
trans-1,3-Dichloropropene	6020597	<0.20	50.0	ug/L	0.20	0.67	51.9	49.9	104	100	70-130	4	20	
Isopropyl Ether	6020597	<0.50	50.0	ug/L	0.50	1.7	51.4	50.0	103	100	68-128	3	16	
Ethylbenzene	6020597	<0.50	50.0	ug/L	0.50	1.7	51.8	49.9	104	100	83-118	4	13	
Hexachlorobutadiene	6020597	<0.50	50.0	ug/L	0.50	1.7	50.5	44.1	101	88	70-130	14	20	
Isopropylbenzene	6020597	<0.20	50.0	ug/L	0.20	0.67	51.2	49.0	102	98	70-130	4	20	
p-Isopropyltoluene	6020597	<0.20	50.0	ug/L	0.20	0.67	50.0	47.0	100	94	70-130	6	20	
Methylene Chloride	6020597	<1.0	50.0	ug/L	1.0	3.3	51.0	50.2	102	100	70-130	2	20	
Methyl tert-Butyl Ether	6020597	<0.50	50.0	ug/L	0.50	1.7	51.6	50.4	103	101	71-127	2	22	
Naphthalene	6020597	<0.25	50.0	ug/L	0.25	0.83	49.4	45.0	99	90	70-130	9	20	
n-Propylbenzene	6020597	<0.50	50.0	ug/L	0.50	1.7	50.4	48.1	101	96	70-130	5	20	
Styrene	6020597	<0.20	50.0	ug/L	0.20	0.67	51.2	49.4	102	99	70-130	4	20	

ARCADIS - MILWAUKEE
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Received: 02/21/06
 Reported: 02/24/06 08:07

MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Spike		Units	MDL	MRL	Dup		% REC	Dup % REC	% REC Limits	RPD	RPD Limit	Q
		Result	Level				Result	Result						
VOCs by SW8260B														
QC Source Sample: WPB0702-02														
1,1,1,2-Tetrachloroethane	6020597	<0.25	50.0	ug/L	0.25	0.83	50.1	49.1	100	98	70-130	2	20	
1,1,2,2-Tetrachloroethane	6020597	<0.20	50.0	ug/L	0.20	0.67	49.6	48.9	99	98	70-130	1	20	
Tetrachloroethene	6020597	<0.50	50.0	ug/L	0.50	1.7	51.6	49.5	103	99	70-130	4	20	
Toluene	6020597	0.46	50.0	ug/L	0.20	0.67	50.5	48.8	100	97	82-116	3	11	
1,2,3-Trichlorobenzene	6020597	<0.25	50.0	ug/L	0.25	0.83	47.5	43.3	95	87	70-130	9	20	
1,2,4-Trichlorobenzene	6020597	<0.25	50.0	ug/L	0.25	0.83	49.1	44.1	98	88	70-130	11	20	
1,1,1-Trichloroethane	6020597	<0.50	50.0	ug/L	0.50	1.7	52.9	51.5	106	103	70-130	3	20	
1,1,2-Trichloroethane	6020597	<0.25	50.0	ug/L	0.25	0.83	50.4	49.9	101	100	70-130	1	20	
Trichloroethene	6020597	<0.20	50.0	ug/L	0.20	0.67	51.8	49.9	104	100	80-117	4	13	
Trichlorofluoromethane	6020597	<0.50	50.0	ug/L	0.50	1.7	56.1	54.4	112	109	70-130	3	20	
1,2,3-Trichloropropane	6020597	<0.50	50.0	ug/L	0.50	1.7	50.2	49.6	100	99	70-130	1	20	
1,2,4-Trimethylbenzene	6020597	<0.20	50.0	ug/L	0.20	0.67	50.8	47.5	102	95	80-122	7	14	
1,3,5-Trimethylbenzene	6020597	<0.20	50.0	ug/L	0.20	0.67	50.7	47.9	101	96	83-122	6	12	
Vinyl chloride	6020597	<0.20	50.0	ug/L	0.20	0.67	54.6	52.9	109	106	70-130	3	20	
Xylenes, Total	6020597	<0.50	150	ug/L	0.50	1.7	149	144	99	96	84-119	3	12	
Surrogate: Dibromofluoromethane	6020597			ug/L					102	101	89-119			
Surrogate: Toluene-d8	6020597			ug/L					99	99	91-109			
Surrogate: 4-Bromofluorobenzene	6020597			ug/L					99	99	89-114			

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Received: 02/21/06
Reported: 02/24/06 08:07

CERTIFICATION SUMMARY

TestAmerica Analytical - Watertown

Method	Matrix	Nelac	Wisconsin
SW 8260B	Water - NonPotable	X	X

DATA QUALIFIERS AND DEFINITIONS

J Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.

ADDITIONAL COMMENTS

March 02, 2006

Client: ARCADIS - MILWAUKEE
126 N Jefferson Street Suite 400
Milwaukee, WI 53202

Work Order: WPB0703
Project Name: OHM Elm Grove, WI
Project Number: WI001124.0001

Attn: Ms. Jennine Cota

Date Received: 02/21/06

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

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

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
GP-1 2-4'	WPB0703-01	02/20/06 11:45
GP-2 8-10'	WPB0703-02	02/20/06 12:00
GP-3 2-4'	WPB0703-03	02/20/06 14:20
GP-4 4-6'	WPB0703-04	02/20/06 15:00
MeOH Blank	WPB0703-05	02/20/06

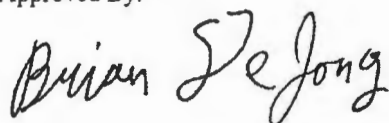
Samples were received into laboratory on ice.

Wisconsin Certification Number: 128053530, DATCP #266

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

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

Approved By:



TestAmerica Analytical - Watertown
Brian DeJong For Warren L. Topel
Project Manager

ARCADIS - MILWAUKEE
126 N Jefferson Street Suite 400
Milwaukee, WI 53202
Ms. Jennine Cota

Work Order: WPB0703
Project: OHM Elm Grove, WI
Project Number: WI001124.0001

Received: 02/21/06
Reported: 03/02/06 10:36

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Seq/ Analyst Batch	Method
Sample ID: WPB0703-01 (GP-1 2-4' - Solid/Soil)						Sampled: 02/20/06 11:45		
General Chemistry Parameters								
% Solids	91		%	NA	1	02/22/06 23:59	ecl 6020585	SW 5035
VOCs by SW8260B								
Benzene	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
Bromobenzene	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
Bromochloromethane	<39		ug/kg dry	35	1	02/28/06 15:44	ABA 6020703	SW 8260B
Bromodichloromethane	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
Bromoform	<55		ug/kg dry	50	1	02/28/06 15:44	ABA 6020703	SW 8260B
Bromomethane	<110		ug/kg dry	100	1	02/28/06 15:44	ABA 6020703	SW 8260B
n-Butylbenzene	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
sec-Butylbenzene	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
tert-Butylbenzene	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
Carbon Tetrachloride	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
Chlorobenzene	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
Chlorodibromomethane	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
Chloroethane	<55		ug/kg dry	50	1	02/28/06 15:44	ABA 6020703	SW 8260B
Chloroform	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
Chloromethane	<55		ug/kg dry	50	1	02/28/06 15:44	ABA 6020703	SW 8260B
2-Chlorotoluene	<55		ug/kg dry	50	1	02/28/06 15:44	ABA 6020703	SW 8260B
4-Chlorotoluene	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
1,2-Dibromo-3-chloropropane	<55		ug/kg dry	50	1	02/28/06 15:44	ABA 6020703	SW 8260B
1,2-Dibromoethane (EDB)	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
Dibromomethane	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
1,2-Dichlorobenzene	<33		ug/kg dry	30	1	02/28/06 15:44	ABA 6020703	SW 8260B
1,3-Dichlorobenzene	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
1,4-Dichlorobenzene	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
Dichlorodifluoromethane	<55		ug/kg dry	50	1	02/28/06 15:44	ABA 6020703	SW 8260B
1,1-Dichloroethane	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
1,2-Dichloroethane	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
1,1-Dichloroethene	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
cis-1,2-Dichloroethene	370		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
trans-1,2-Dichloroethene	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
1,2-Dichloropropane	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
1,3-Dichloropropane	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
2,2-Dichloropropane	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
1,1-Dichloropropene	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
cis-1,3-Dichloropropene	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
trans-1,3-Dichloropropene	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
2,3-Dichloropropene	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
Isopropyl Ether	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
Ethylbenzene	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
Hexachlorobutadiene	<39		ug/kg dry	35	1	02/28/06 15:44	ABA 6020703	SW 8260B
Isopropylbenzene	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
p-Isopropyltoluene	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
Methylene Chloride	<55		ug/kg dry	50	1	02/28/06 15:44	ABA 6020703	SW 8260B
Methyl tert-Butyl Ether	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
Naphthalene	79		ug/kg dry	50	1	02/28/06 15:44	ABA 6020703	SW 8260B
n-Propylbenzene	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
Styrene	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
1,1,1,2-Tetrachloroethane	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B

ARCADIS - MILWAUKEE
126 N Jefferson Street Suite 400
Milwaukee, WI 53202
Ms. Jennine Cota

Work Order: WPB0703
Project: OHM Elm Grove, WI
Project Number: WI001124.0001

Received: 02/21/06
Reported: 03/02/06 10:36

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Seq/ Analyst Batch	Method
Sample ID: WPB0703-01 (GP-1 2-4' - Solid/Soil) - cont.						Sampled: 02/20/06 11:45		
VOCs by SW8260B - cont.								
1,1,2-Tetrachloroethane	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
Tetrachloroethene	25000		ug/kg dry	25	20	03/01/06 14:20	LG 6030011	SW 8260B
Toluene	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
1,2,3-Trichlorobenzene	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
1,2,4-Trichlorobenzene	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
1,1,1-Trichloroethane	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
1,1,2-Trichloroethane	<39		ug/kg dry	35	1	02/28/06 15:44	ABA 6020703	SW 8260B
Trichloroethene	280		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
Trichlorofluoromethane	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
1,2,3-Trichloropropane	<83		ug/kg dry	75	1	02/28/06 15:44	ABA 6020703	SW 8260B
1,2,4-Trimethylbenzene	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
1,3,5-Trimethylbenzene	<28		ug/kg dry	25	1	02/28/06 15:44	ABA 6020703	SW 8260B
Vinyl chloride	<39		ug/kg dry	35	1	02/28/06 15:44	ABA 6020703	SW 8260B
Xylenes, total	<94		ug/kg dry	85	1	02/28/06 15:44	ABA 6020703	SW 8260B
Surr: Dibromofluoromethane (82-112%)	87 %							
Surr: Dibromofluoromethane (82-112%)	94 %							
Surr: Toluene-d8 (91-106%)	98 %							
Surr: Toluene-d8 (91-106%)	104 %							
Surr: 4-Bromofluorobenzene (89-110%)	98 %							
Surr: 4-Bromofluorobenzene (89-110%)	97 %							
Sample ID: WPB0703-02 (GP-2 8-10' - Solid/Soil)						Sampled: 02/20/06 12:00		
General Chemistry Parameters								
% Solids	92		%	NA	1	02/22/06 23:59	ecl 6020585	SW 5035
VOCs by SW8260B								
Benzene	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
Bromobenzene	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
Bromochloromethane	<38		ug/kg dry	35	1	02/28/06 16:14	ABA 6020703	SW 8260B
Bromodichloromethane	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
Bromoforn	<54		ug/kg dry	50	1	02/28/06 16:14	ABA 6020703	SW 8260B
Bromomethane	<110		ug/kg dry	100	1	02/28/06 16:14	ABA 6020703	SW 8260B
n-Butylbenzene	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
sec-Butylbenzene	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
tert-Butylbenzene	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
Carbon Tetrachloride	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
Chlorobenzene	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
Chlorodibromomethane	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
Chloroethane	<54		ug/kg dry	50	1	02/28/06 16:14	ABA 6020703	SW 8260B
Chloroforn	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
Chloromethane	<54		ug/kg dry	50	1	02/28/06 16:14	ABA 6020703	SW 8260B
2-Chlorotoluene	<54		ug/kg dry	50	1	02/28/06 16:14	ABA 6020703	SW 8260B
4-Chlorotoluene	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
1,2-Dibromo-3-chloropropane	<54		ug/kg dry	50	1	02/28/06 16:14	ABA 6020703	SW 8260B
1,2-Dibromoethane (EDB)	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
Dibromomethane	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
1,2-Dichlorobenzene	<33		ug/kg dry	30	1	02/28/06 16:14	ABA 6020703	SW 8260B
1,3-Dichlorobenzene	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
1,4-Dichlorobenzene	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
Dichlorodifluoromethane	<54		ug/kg dry	50	1	02/28/06 16:14	ABA 6020703	SW 8260B
1,1-Dichloroethane	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
1,2-Dichloroethane	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B

ARCADIS - MILWAUKEE
126 N Jefferson Street Suite 400
Milwaukee, WI 53202
Ms. Jennine Cota

Work Order: WPB0703
Project: OHM Elm Grove, WI
Project Number: WI001124.0001

Received: 02/21/06
Reported: 03/02/06 10:36

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Seq/ Analyst Batch	Method
Sample ID: WPB0703-02 (GP-2 8-10' - Solid/Soil) - cont.						Sampled: 02/20/06 12:00		
VOCs by SW8260B - cont.								
1,1-Dichloroethene	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
cis-1,2-Dichloroethene	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
trans-1,2-Dichloroethene	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
1,2-Dichloropropane	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
1,3-Dichloropropane	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
2,2-Dichloropropane	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
1,1-Dichloropropene	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
cis-1,3-Dichloropropene	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
trans-1,3-Dichloropropene	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
2,3-Dichloropropene	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
Isopropyl Ether	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
Ethylbenzene	30		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
Hexachlorobutadiene	<38		ug/kg dry	35	1	02/28/06 16:14	ABA 6020703	SW 8260B
Isopropylbenzene	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
p-Isopropyltoluene	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
Methylene Chloride	<54		ug/kg dry	50	1	02/28/06 16:14	ABA 6020703	SW 8260B
Methyl tert-Butyl Ether	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
Naphthalene	120		ug/kg dry	50	1	02/28/06 16:14	ABA 6020703	SW 8260B
n-Propylbenzene	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
Styrene	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
1,1,1,2-Tetrachloroethane	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
1,1,2,2-Tetrachloroethane	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
Tetrachloroethene	13000		ug/kg dry	25	10	03/01/06 13:51	LG 6030011	SW 8260B
Toluene	83		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
1,2,3-Trichlorobenzene	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
1,2,4-Trichlorobenzene	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
1,1,1-Trichloroethane	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
1,1,2-Trichloroethane	<38		ug/kg dry	35	1	02/28/06 16:14	ABA 6020703	SW 8260B
Trichloroethene	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
Trichlorofluoromethane	<27		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
1,2,3-Trichloropropane	<81		ug/kg dry	75	1	02/28/06 16:14	ABA 6020703	SW 8260B
1,2,4-Trimethylbenzene	92		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
1,3,5-Trimethylbenzene	40		ug/kg dry	25	1	02/28/06 16:14	ABA 6020703	SW 8260B
Vinyl chloride	<38		ug/kg dry	35	1	02/28/06 16:14	ABA 6020703	SW 8260B
Xylenes, total	120		ug/kg dry	85	1	02/28/06 16:14	ABA 6020703	SW 8260B
Surr: Dibromofluoromethane (82-112%)	93 %							
Surr: Dibromofluoromethane (82-112%)	90 %							
Surr: Toluene-d8 (91-106%)	102 %							
Surr: Toluene-d8 (91-106%)	100 %							
Surr: 4-Bromofluorobenzene (89-110%)	99 %							
Surr: 4-Bromofluorobenzene (89-110%)	95 %							

ARCADIS - MILWAUKEE
126 N Jefferson Street Suite 400
Milwaukee, WI 53202
Ms. Jennine Cota

Work Order: WPB0703
Project: OHM Elm Grove, WI
Project Number: WI001124.0001

Received: 02/21/06
Reported: 03/02/06 10:36

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Seq/ Analyst Batch	Method
Sample ID: WPB0703-03 (GP-3 2-4' - Solid/Soil)						Sampled: 02/20/06 14:20		
General Chemistry Parameters								
% Solids	91		%	NA	1	02/22/06 23:59	ecl 6020585	SW 5035
VOCs by SW8260B								
Benzene	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
Bromobenzene	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
Bromochloromethane	<38		ug/kg dry	35	1	02/28/06 16:44	ABA 6020703	SW 8260B
Bromodichloromethane	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
Bromoform	<55		ug/kg dry	50	1	02/28/06 16:44	ABA 6020703	SW 8260B
Bromomethane	<110		ug/kg dry	100	1	02/28/06 16:44	ABA 6020703	SW 8260B
n-Butylbenzene	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
sec-Butylbenzene	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
tert-Butylbenzene	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
Carbon Tetrachloride	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
Chlorobenzene	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
Chlorodibromomethane	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
Chloroethane	<55		ug/kg dry	50	1	02/28/06 16:44	ABA 6020703	SW 8260B
Chloroform	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
Chloromethane	<55		ug/kg dry	50	1	02/28/06 16:44	ABA 6020703	SW 8260B
2-Chlorotoluene	<55		ug/kg dry	50	1	02/28/06 16:44	ABA 6020703	SW 8260B
4-Chlorotoluene	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
1,2-Dibromo-3-chloropropane	<55		ug/kg dry	50	1	02/28/06 16:44	ABA 6020703	SW 8260B
1,2-Dibromoethane (EDB)	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
Dibromomethane	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
1,2-Dichlorobenzene	<33		ug/kg dry	30	1	02/28/06 16:44	ABA 6020703	SW 8260B
1,3-Dichlorobenzene	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
1,4-Dichlorobenzene	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
Dichlorodifluoromethane	<55		ug/kg dry	50	1	02/28/06 16:44	ABA 6020703	SW 8260B
1,1-Dichloroethane	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
1,2-Dichloroethane	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
1,1-Dichloroethene	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
cis-1,2-Dichloroethene	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
trans-1,2-Dichloroethene	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
1,2-Dichloropropane	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
1,3-Dichloropropane	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
2,2-Dichloropropane	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
1,1-Dichloropropene	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
cis-1,3-Dichloropropene	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
trans-1,3-Dichloropropene	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
2,3-Dichloropropene	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
Isopropyl Ether	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
Ethylbenzene	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
Hexachlorobutadiene	<38		ug/kg dry	35	1	02/28/06 16:44	ABA 6020703	SW 8260B
Isopropylbenzene	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
p-Isopropyltoluene	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
Methylene Chloride	<55		ug/kg dry	50	1	02/28/06 16:44	ABA 6020703	SW 8260B
Methyl tert-Butyl Ether	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
Naphthalene	100		ug/kg dry	50	1	02/28/06 16:44	ABA 6020703	SW 8260B
n-Propylbenzene	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
Styrene	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
1,1,1,2-Tetrachloroethane	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
1,1,2,2-Tetrachloroethane	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
Tetrachloroethene	97000		ug/kg dry	25	50	03/01/06 14:50	LG 6030011	SW 8260B

ARCADIS - MILWAUKEE
126 N Jefferson Street Suite 400
Milwaukee, WI 53202
Ms. Jennine Cota

Work Order: WPB0703
Project: OHM Elm Grove, WI
Project Number: WI001124.0001

Received: 02/21/06
Reported: 03/02/06 10:36

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Seq/ Analyst Batch	Method
Sample ID: WPB0703-03 (GP-3 2-4' - Solid/Soil) - cont.						Sampled: 02/20/06 14:20		
VOCs by SW8260B - cont.								
Toluene	46		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
1,2,3-Trichlorobenzene	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
1,2,4-Trichlorobenzene	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
1,1,1-Trichloroethane	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
1,1,2-Trichloroethane	<38		ug/kg dry	35	1	02/28/06 16:44	ABA 6020703	SW 8260B
Trichloroethene	130		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
Trichlorofluoromethane	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
1,2,3-Trichloropropane	<82		ug/kg dry	75	1	02/28/06 16:44	ABA 6020703	SW 8260B
1,2,4-Trimethylbenzene	42		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
1,3,5-Trimethylbenzene	<27		ug/kg dry	25	1	02/28/06 16:44	ABA 6020703	SW 8260B
Vinyl chloride	<38		ug/kg dry	35	1	02/28/06 16:44	ABA 6020703	SW 8260B
Xylenes, total	<93		ug/kg dry	85	1	02/28/06 16:44	ABA 6020703	SW 8260B
Surr: Dibromofluoromethane (82-112%)	93 %							
Surr: Dibromofluoromethane (82-112%)	89 %							
Surr: Toluene-d8 (91-106%)	96 %							
Surr: Toluene-d8 (91-106%)	100 %							
Surr: 4-Bromofluorobenzene (89-110%)	96 %							
Surr: 4-Bromofluorobenzene (89-110%)	98 %							

Sample ID: WPB0703-04 (GP-4 4-6' - Solid/Soil)						Sampled: 02/20/06 15:00		
General Chemistry Parameters								
% Solids	84		%	NA	1	02/22/06 23:59	ecl 6020585	SW 5035
VOCs by SW8260B								
Benzene	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
Bromobenzene	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
Bromochloromethane	<42		ug/kg dry	35	1	02/28/06 17:13	ABA 6020703	SW 8260B
Bromodichloromethane	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
Bromoform	<60		ug/kg dry	50	1	02/28/06 17:13	ABA 6020703	SW 8260B
Bromomethane	<120		ug/kg dry	100	1	02/28/06 17:13	ABA 6020703	SW 8260B
n-Butylbenzene	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
sec-Butylbenzene	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
tert-Butylbenzene	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
Carbon Tetrachloride	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
Chlorobenzene	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
Chlorodibromomethane	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
Chloroethane	<60		ug/kg dry	50	1	02/28/06 17:13	ABA 6020703	SW 8260B
Chloroform	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
Chloromethane	<60		ug/kg dry	50	1	02/28/06 17:13	ABA 6020703	SW 8260B
2-Chlorotoluene	<60		ug/kg dry	50	1	02/28/06 17:13	ABA 6020703	SW 8260B
4-Chlorotoluene	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
1,2-Dibromo-3-chloropropane	<60		ug/kg dry	50	1	02/28/06 17:13	ABA 6020703	SW 8260B
1,2-Dibromoethane (EDB)	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
Dibromomethane	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
1,2-Dichlorobenzene	<36		ug/kg dry	30	1	02/28/06 17:13	ABA 6020703	SW 8260B
1,3-Dichlorobenzene	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
1,4-Dichlorobenzene	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
Dichlorodifluoromethane	<60		ug/kg dry	50	1	02/28/06 17:13	ABA 6020703	SW 8260B
1,1-Dichloroethane	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
1,2-Dichloroethane	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
1,1-Dichloroethene	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
cis-1,2-Dichloroethene	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B

ARCADIS - MILWAUKEE
126 N Jefferson Street Suite 400
Milwaukee, WI 53202
Ms. Jennine Cota

Work Order: WPB0703
Project: OHM Elm Grove, WI
Project Number: WI001124.0001

Received: 02/21/06
Reported: 03/02/06 10:36

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Seq/ Analyst Batch	Method
Sample ID: WPB0703-04 (GP-4 4-6' - Solid/Soil) - cont.						Sampled: 02/20/06 15:00		
OCs by SW8260B - cont.								
trans-1,2-Dichloroethene	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
1,2-Dichloropropane	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
1,3-Dichloropropane	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
2,2-Dichloropropane	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
1,1-Dichloropropene	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
cis-1,3-Dichloropropene	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
trans-1,3-Dichloropropene	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
2,3-Dichloropropene	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
sopropyl Ether	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
Ethylbenzene	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
Hexachlorobutadiene	<42		ug/kg dry	35	1	02/28/06 17:13	ABA 6020703	SW 8260B
sopropylbenzene	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
p-Isopropyltoluene	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
Methylene Chloride	<60		ug/kg dry	50	1	02/28/06 17:13	ABA 6020703	SW 8260B
Methyl tert-Butyl Ether	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
Naphthalene	<60		ug/kg dry	50	1	02/28/06 17:13	ABA 6020703	SW 8260B
n-Propylbenzene	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
Styrene	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
1,1,1,2-Tetrachloroethane	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
1,1,2,2-Tetrachloroethane	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
Tetrachloroethene	1600		ug/kg dry	25	1	03/01/06 13:21	LG 6030011	SW 8260B
Toluene	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
1,2,3-Trichlorobenzene	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
1,2,4-Trichlorobenzene	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
1,1,1-Trichloroethane	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
1,1,2-Trichloroethane	<42		ug/kg dry	35	1	02/28/06 17:13	ABA 6020703	SW 8260B
Trichloroethene	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
Trichloro fluoromethane	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
1,2,3-Trichloropropane	<89		ug/kg dry	75	1	02/28/06 17:13	ABA 6020703	SW 8260B
1,2,4-Trimethylbenzene	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
1,3,5-Trimethylbenzene	<30		ug/kg dry	25	1	02/28/06 17:13	ABA 6020703	SW 8260B
Vinyl chloride	<42		ug/kg dry	35	1	02/28/06 17:13	ABA 6020703	SW 8260B
Xylenes, total	<100		ug/kg dry	85	1	02/28/06 17:13	ABA 6020703	SW 8260B
Surr: Dibromofluoromethane (82-112%)	99 %							
Surr: Dibromofluoromethane (82-112%)	90 %							
Surr: Toluene-d8 (91-106%)	101 %							
Surr: Toluene-d8 (91-106%)	100 %							
Surr: 4-Bromofluorobenzene (89-110%)	97 %							
Surr: 4-Bromofluorobenzene (89-110%)	95 %							

ARCADIS - MILWAUKEE
126 N Jefferson Street Suite 400
Milwaukee, WI 53202
Ms. Jennine Cota

Work Order: WPB0703
Project: OHM Elm Grove, WI
Project Number: WI001124.0001

Received: 02/21/06
Reported: 03/02/06 10:36

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Seq/ Analyst Batch	Method
Sample ID: WPB0703-05 (MeOH Blank - Misc. Liquid)						Sampled: 02/20/06		
VOCs by SW8260B								
Benzene	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
Bromobenzene	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
Bromochloromethane	<35		ug/kg wet	35	1	02/28/06 17:43	ABA 6020703	SW 8260B
Bromodichloromethane	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
Bromoform	<50		ug/kg wet	50	1	02/28/06 17:43	ABA 6020703	SW 8260B
Bromomethane	<100		ug/kg wet	100	1	02/28/06 17:43	ABA 6020703	SW 8260B
n-Butylbenzene	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
sec-Butylbenzene	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
tert-Butylbenzene	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
Carbon Tetrachloride	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
Chlorobenzene	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
Chlorodibromomethane	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
Chloroethane	<50		ug/kg wet	50	1	02/28/06 17:43	ABA 6020703	SW 8260B
Chloroform	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
Chloromethane	<50		ug/kg wet	50	1	02/28/06 17:43	ABA 6020703	SW 8260B
2-Chlorotoluene	<50		ug/kg wet	50	1	02/28/06 17:43	ABA 6020703	SW 8260B
4-Chlorotoluene	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
1,2-Dibromo-3-chloropropane	<50		ug/kg wet	50	1	02/28/06 17:43	ABA 6020703	SW 8260B
1,2-Dibromoethane (EDB)	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
Dibromomethane	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
1,2-Dichlorobenzene	<30		ug/kg wet	30	1	02/28/06 17:43	ABA 6020703	SW 8260B
1,3-Dichlorobenzene	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
1,4-Dichlorobenzene	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
Dichlorodifluoromethane	<50		ug/kg wet	50	1	02/28/06 17:43	ABA 6020703	SW 8260B
1,1-Dichloroethane	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
1,2-Dichloroethane	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
1,1-Dichloroethene	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
cis-1,2-Dichloroethene	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
trans-1,2-Dichloroethene	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
1,2-Dichloropropane	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
1,3-Dichloropropane	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
2,2-Dichloropropane	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
1,1-Dichloropropene	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
cis-1,3-Dichloropropene	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
trans-1,3-Dichloropropene	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
2,3-Dichloropropene	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
Isopropyl Ether	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
Ethylbenzene	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
Hexachlorobutadiene	<35		ug/kg wet	35	1	02/28/06 17:43	ABA 6020703	SW 8260B
Isopropylbenzene	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
p-Isopropyltoluene	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
Methylene Chloride	<50		ug/kg wet	50	1	02/28/06 17:43	ABA 6020703	SW 8260B
Methyl tert-Butyl Ether	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
Naphthalene	<50		ug/kg wet	50	1	02/28/06 17:43	ABA 6020703	SW 8260B
n-Propylbenzene	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
Styrene	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
1,1,1,2-Tetrachloroethane	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
1,1,1,2,2-Tetrachloroethane	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
Tetrachloroethene	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
Toluene	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
1,2,3-Trichlorobenzene	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B

TestAmerica

ANALYTICAL TESTING CORPORATION

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

ARCADIS - MILWAUKEE
126 N Jefferson Street Suite 400
Milwaukee, WI 53202
Ms. Jennine Cota

Work Order: WPB0703
Project: OHM Elm Grove, WI
Project Number: WI001124.0001

Received: 02/21/06
Reported: 03/02/06 10:36

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Seq/ Analyst Batch	Method
Sample ID: WPB0703-05 (MeOH Blank - Misc. Liquid) - cont.						Sampled: 02/20/06		
VOCs by SW8260B - cont.								
1,2,4-Trichlorobenzene	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
1,1,1-Trichloroethane	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
1,1,2-Trichloroethane	<35		ug/kg wet	35	1	02/28/06 17:43	ABA 6020703	SW 8260B
Trichloroethene	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
Trichlorofluoromethane	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
1,2,3-Trichloropropane	<75		ug/kg wet	75	1	02/28/06 17:43	ABA 6020703	SW 8260B
1,2,4-Trimethylbenzene	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
1,3,5-Trimethylbenzene	<25		ug/kg wet	25	1	02/28/06 17:43	ABA 6020703	SW 8260B
Vinyl chloride	<35		ug/kg wet	35	1	02/28/06 17:43	ABA 6020703	SW 8260B
Xylenes, total	<85		ug/kg wet	85	1	02/28/06 17:43	ABA 6020703	SW 8260B
Surr: Dibromofluoromethane (82-112%)	92 %							
Surr: Toluene-d8 (91-106%)	101 %							
Surr: 4-Bromofluorobenzene (89-110%)	95 %							

ARCADIS - MILWAUKEE
126 N Jefferson Street Suite 400
Milwaukee, WI 53202
Ms. Jennine Cota

Work Order: WPB0703
Project: OHM Elm Grove, WI
Project Number: WI001124.0001

Received: 02/21/06
Reported: 03/02/06 10:36

LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Dup Result	% REC	Dup %REC	% REC	RPD Limits	RPD Limit	Q
VOCs by SW8260B													
Benzene	6020703			ug/kg wet	N/A	25	<25						
Bromobenzene	6020703			ug/kg wet	N/A	25	<25						
Bromochloromethane	6020703			ug/kg wet	N/A	35	<35						
Bromodichloromethane	6020703			ug/kg wet	N/A	25	<25						
Bromoform	6020703			ug/kg wet	N/A	25	<50						
Bromomethane	6020703			ug/kg wet	N/A	100	<100						
n-Butylbenzene	6020703			ug/kg wet	N/A	25	<25						
sec-Butylbenzene	6020703			ug/kg wet	N/A	25	<25						
tert-Butylbenzene	6020703			ug/kg wet	N/A	25	<25						
Carbon Tetrachloride	6020703			ug/kg wet	N/A	25	<25						
Chlorobenzene	6020703			ug/kg wet	N/A	25	<25						
Chlorodibromomethane	6020703			ug/kg wet	N/A	25	<25						
Chloroethane	6020703			ug/kg wet	N/A	50	<50						
Chloroform	6020703			ug/kg wet	N/A	25	<25						
Chloromethane	6020703			ug/kg wet	N/A	50	<50						
2-Chlorotoluene	6020703			ug/kg wet	N/A	50	<50						
4-Chlorotoluene	6020703			ug/kg wet	N/A	25	<25						
1,2-Dibromo-3-chloropropane	6020703			ug/kg wet	N/A	50	<50						
1,2-Dibromoethane (EDB)	6020703			ug/kg wet	N/A	25	<25						
Dibromomethane	6020703			ug/kg wet	N/A	25	<25						
1,2-Dichlorobenzene	6020703			ug/kg wet	N/A	25	<30						
1,3-Dichlorobenzene	6020703			ug/kg wet	N/A	25	<25						
1,4-Dichlorobenzene	6020703			ug/kg wet	N/A	25	<25						
Dichlorodifluoromethane	6020703			ug/kg wet	N/A	50	<50						
1,1-Dichloroethane	6020703			ug/kg wet	N/A	25	<25						
1,2-Dichloroethane	6020703			ug/kg wet	N/A	25	<25						
1,1-Dichloroethene	6020703			ug/kg wet	N/A	25	<25						
cis-1,2-Dichloroethene	6020703			ug/kg wet	N/A	25	<25						
trans-1,2-Dichloroethene	6020703			ug/kg wet	N/A	25	<25						
1,2-Dichloropropane	6020703			ug/kg wet	N/A	25	<25						
1,3-Dichloropropane	6020703			ug/kg wet	N/A	25	<25						
2,2-Dichloropropane	6020703			ug/kg wet	N/A	25	<25						
1,1-Dichloropropene	6020703			ug/kg wet	N/A	25	<25						
cis-1,3-Dichloropropene	6020703			ug/kg wet	N/A	25	<25						
trans-1,3-Dichloropropene	6020703			ug/kg wet	N/A	25	<25						
2,3-Dichloropropene	6020703			ug/kg wet	N/A	25	<25						
Isopropyl Ether	6020703			ug/kg wet	N/A	25	<25						
Ethylbenzene	6020703			ug/kg wet	N/A	25	<25						
Hexachlorobutadiene	6020703			ug/kg wet	N/A	35	<35						
Isopropylbenzene	6020703			ug/kg wet	N/A	25	<25						
p-Isopropyltoluene	6020703			ug/kg wet	N/A	25	<25						
Methylene Chloride	6020703			ug/kg wet	N/A	50	<50						
Methyl tert-Butyl Ether	6020703			ug/kg wet	N/A	25	<25						
Naphthalene	6020703			ug/kg wet	N/A	50	<50						
n-Propylbenzene	6020703			ug/kg wet	N/A	25	<25						

ARCADIS - MILWAUKEE
126 N Jefferson Street Suite 400
Milwaukee, WI 53202
Ms. Jennine Cota

Work Order: WPB0703
Project: OHM Elm Grove, WI
Project Number: WI001124.0001

Received: 02/21/06
Reported: 03/02/06 10:36

LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Spike Result Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	REC Limits	RPD RPD Limit	Q
VOCs by SW8260B												
Styrene	6020703		ug/kg wet	N/A	25	<25						
1,1,1,2-Tetrachloroethane	6020703		ug/kg wet	N/A	25	<25						
1,1,2,2-Tetrachloroethane	6020703		ug/kg wet	N/A	25	<25						
Tetrachloroethene	6020703		ug/kg wet	N/A	25	<25						
Toluene	6020703		ug/kg wet	N/A	25	<25						
1,2,3-Trichlorobenzene	6020703		ug/kg wet	N/A	25	<25						
1,2,4-Trichlorobenzene	6020703		ug/kg wet	N/A	25	<25						
1,1,1-Trichloroethane	6020703		ug/kg wet	N/A	25	<25						
1,1,2-Trichloroethane	6020703		ug/kg wet	N/A	35	<35						
Trichloroethene	6020703		ug/kg wet	N/A	25	<25						
Trichlorofluoromethane	6020703		ug/kg wet	N/A	25	<25						
1,2,3-Trichloropropane	6020703		ug/kg wet	N/A	50	<75						
1,2,4-Trimethylbenzene	6020703		ug/kg wet	N/A	25	<25						
1,3,5-Trimethylbenzene	6020703		ug/kg wet	N/A	25	<25						
Vinyl chloride	6020703		ug/kg wet	N/A	35	<35						
Xylenes, total	6020703		ug/kg wet	N/A	85	<85						
<i>Surrogate: Dibromofluoromethane</i>	6020703		ug/kg wet					91		82-112		
<i>Surrogate: Toluene-d8</i>	6020703		ug/kg wet					102		91-106		
<i>Surrogate: 4-Bromofluorobenzene</i>	6020703		ug/kg wet					93		89-110		
Benzene	6030011		ug/kg wet	N/A	25	<25						
Bromobenzene	6030011		ug/kg wet	N/A	25	<25						
Bromochloromethane	6030011		ug/kg wet	N/A	35	<35						
Bromodichloromethane	6030011		ug/kg wet	N/A	25	<25						
Bromoform	6030011		ug/kg wet	N/A	25	<50						
Bromomethane	6030011		ug/kg wet	N/A	100	<100						
n-Butylbenzene	6030011		ug/kg wet	N/A	25	<25						
sec-Butylbenzene	6030011		ug/kg wet	N/A	25	<25						
tert-Butylbenzene	6030011		ug/kg wet	N/A	25	<25						
Carbon Tetrachloride	6030011		ug/kg wet	N/A	25	<25						
Chlorobenzene	6030011		ug/kg wet	N/A	25	<25						
Chlorodibromomethane	6030011		ug/kg wet	N/A	25	<25						
Chloroethane	6030011		ug/kg wet	N/A	50	<50						
Chloroform	6030011		ug/kg wet	N/A	25	<25						
Chloromethane	6030011		ug/kg wet	N/A	50	<50						
2-Chlorotoluene	6030011		ug/kg wet	N/A	50	<50						
4-Chlorotoluene	6030011		ug/kg wet	N/A	25	<25						
1,2-Dibromo-3-chloropropane	6030011		ug/kg wet	N/A	50	<50						
1,2-Dibromoethane (EDB)	6030011		ug/kg wet	N/A	25	<25						
Dibromomethane	6030011		ug/kg wet	N/A	25	<25						
1,2-Dichlorobenzene	6030011		ug/kg wet	N/A	25	<30						
1,3-Dichlorobenzene	6030011		ug/kg wet	N/A	25	<25						
1,4-Dichlorobenzene	6030011		ug/kg wet	N/A	25	<25						
Dichlorodifluoromethane	6030011		ug/kg wet	N/A	50	<50						
1,1-Dichloroethane	6030011		ug/kg wet	N/A	25	<25						

ARCADIS - MILWAUKEE
126 N Jefferson Street Suite 400
Milwaukee, WI 53202
Ms. Jennine Cota

Work Order: WPB0703
Project: OHM Elm Grove, WI
Project Number: WI001124.0001

Received: 02/21/06
Reported: 03/02/06 10:36

LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Spike Result Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	REC Limits	RPD RPD	Limit	Q
VOCs by SW8260B													
1,2-Dichloroethane	6030011		ug/kg wet	N/A	25	<25							
1,1-Dichloroethene	6030011		ug/kg wet	N/A	25	<25							
cis-1,2-Dichloroethene	6030011		ug/kg wet	N/A	25	<25							
trans-1,2-Dichloroethene	6030011		ug/kg wet	N/A	25	<25							
1,2-Dichloropropane	6030011		ug/kg wet	N/A	25	<25							
1,3-Dichloropropane	6030011		ug/kg wet	N/A	25	<25							
2,2-Dichloropropane	6030011		ug/kg wet	N/A	25	<25							
1,1-Dichloropropene	6030011		ug/kg wet	N/A	25	<25							
cis-1,3-Dichloropropene	6030011		ug/kg wet	N/A	25	<25							
trans-1,3-Dichloropropene	6030011		ug/kg wet	N/A	25	<25							
2,3-Dichloropropene	6030011		ug/kg wet	N/A	25	<25							
Isopropyl Ether	6030011		ug/kg wet	N/A	25	<25							
Ethylbenzene	6030011		ug/kg wet	N/A	25	<25							
Hexachlorobutadiene	6030011		ug/kg wet	N/A	35	<35							
Isopropylbenzene	6030011		ug/kg wet	N/A	25	<25							
p-Isopropyltoluene	6030011		ug/kg wet	N/A	25	<25							
Methylene Chloride	6030011		ug/kg wet	N/A	50	<50							
Methyl tert-Butyl Ether	6030011		ug/kg wet	N/A	25	<25							
Naphthalene	6030011		ug/kg wet	N/A	50	<50							
n-Propylbenzene	6030011		ug/kg wet	N/A	25	<25							
Styrene	6030011		ug/kg wet	N/A	25	<25							
1,1,1,2-Tetrachloroethane	6030011		ug/kg wet	N/A	25	<25							
1,1,2,2-Tetrachloroethane	6030011		ug/kg wet	N/A	25	<25							
Tetrachloroethene	6030011		ug/kg wet	N/A	25	<25							
Toluene	6030011		ug/kg wet	N/A	25	<25							
1,2,3-Trichlorobenzene	6030011		ug/kg wet	N/A	25	<25							
1,2,4-Trichlorobenzene	6030011		ug/kg wet	N/A	25	<25							
1,1,1-Trichloroethane	6030011		ug/kg wet	N/A	25	<25							
1,1,2-Trichloroethane	6030011		ug/kg wet	N/A	35	<35							
Trichloroethene	6030011		ug/kg wet	N/A	25	<25							
Trichlorofluoromethane	6030011		ug/kg wet	N/A	25	<25							
1,2,3-Trichloropropane	6030011		ug/kg wet	N/A	50	<75							
1,2,4-Trimethylbenzene	6030011		ug/kg wet	N/A	25	<25							
1,3,5-Trimethylbenzene	6030011		ug/kg wet	N/A	25	<25							
Vinyl chloride	6030011		ug/kg wet	N/A	35	<35							
Xylenes, total	6030011		ug/kg wet	N/A	85	<85							
Surrogate: Dibromofluoromethane	6030011		ug/kg wet					87		82-112			
Surrogate: Toluene-d8	6030011		ug/kg wet					100		91-106			
Surrogate: 4-Bromofluorobenzene	6030011		ug/kg wet					92		89-110			

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CCV QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	REC Limits	RPD RPD	Limit	Q
VOCs by SW8260B														
Benzene	6B28004	2500	ug/kg wet	N/A	N/A	2530		101			80-120			
Bromobenzene	6B28004	2500	ug/kg wet	N/A	N/A	2310		92			80-120			
Bromochloromethane	6B28004	2500	ug/kg wet	N/A	N/A	2140		86			80-120			
Bromodichloromethane	6B28004	2500	ug/kg wet	N/A	N/A	2410		96			80-120			
Bromoform	6B28004	2500	ug/kg wet	N/A	N/A	2180		87			80-120			
Bromomethane	6B28004	2500	ug/kg wet	N/A	N/A	2390		96			80-120			
n-Butylbenzene	6B28004	2500	ug/kg wet	N/A	N/A	2470		99			80-120			
sec-Butylbenzene	6B28004	2500	ug/kg wet	N/A	N/A	2480		99			80-120			
tert-Butylbenzene	6B28004	2500	ug/kg wet	N/A	N/A	2370		95			80-120			
Carbon Tetrachloride	6B28004	2500	ug/kg wet	N/A	N/A	2330		93			80-120			
Chlorobenzene	6B28004	2500	ug/kg wet	N/A	N/A	2420		97			80-120			
Chlorodibromomethane	6B28004	2500	ug/kg wet	N/A	N/A	2140		86			80-120			
Chloroethane	6B28004	2500	ug/kg wet	N/A	N/A	2520		101			80-120			
Chloroform	6B28004	2500	ug/kg wet	N/A	N/A	2360		94			80-120			
Chloromethane	6B28004	2500	ug/kg wet	N/A	N/A	2270		91			80-120			
2-Chlorotoluene	6B28004	2500	ug/kg wet	N/A	N/A	2540		102			80-120			
4-Chlorotoluene	6B28004	2500	ug/kg wet	N/A	N/A	2410		96			80-120			
1,2-Dibromo-3-chloropropane	6B28004	2500	ug/kg wet	N/A	N/A	2480		99			80-120			
1,2-Dibromoethane (EDB)	6B28004	2500	ug/kg wet	N/A	N/A	2480		99			80-120			
Dibromomethane	6B28004	2500	ug/kg wet	N/A	N/A	2440		98			80-120			
1,2-Dichlorobenzene	6B28004	2500	ug/kg wet	N/A	N/A	2360		94			80-120			
1,3-Dichlorobenzene	6B28004	2500	ug/kg wet	N/A	N/A	2410		96			80-120			
1,4-Dichlorobenzene	6B28004	2500	ug/kg wet	N/A	N/A	2350		94			80-120			
Dichlorodifluoromethane	6B28004	2500	ug/kg wet	N/A	N/A	2060		82			80-120			
1,1-Dichloroethane	6B28004	2500	ug/kg wet	N/A	N/A	2340		94			80-120			
1,2-Dichloroethane	6B28004	2500	ug/kg wet	N/A	N/A	2220		89			80-120			
1,1-Dichloroethene	6B28004	2500	ug/kg wet	N/A	N/A	2300		92			80-120			
cis-1,2-Dichloroethene	6B28004	2500	ug/kg wet	N/A	N/A	2500		100			80-120			
trans-1,2-Dichloroethene	6B28004	2500	ug/kg wet	N/A	N/A	2500		100			80-120			
1,2-Dichloropropane	6B28004	2500	ug/kg wet	N/A	N/A	2550		102			80-120			
1,3-Dichloropropane	6B28004	2500	ug/kg wet	N/A	N/A	2280		91			80-120			
2,2-Dichloropropane	6B28004	2500	ug/kg wet	N/A	N/A	2410		96			80-120			
1,1-Dichloropropene	6B28004	2500	ug/kg wet	N/A	N/A	2440		98			80-120			
cis-1,3-Dichloropropene	6B28004	2500	ug/kg wet	N/A	N/A	2580		103			80-120			
trans-1,3-Dichloropropene	6B28004	2500	ug/kg wet	N/A	N/A	2500		100			80-120			
2,3-Dichloropropene	6B28004	2500	ug/kg wet	N/A	N/A	2560		102			80-120			
Isopropyl Ether	6B28004	2500	ug/kg wet	N/A	N/A	2400		96			80-120			
Ethylbenzene	6B28004	2500	ug/kg wet	N/A	N/A	2490		100			80-120			
Hexachlorobutadiene	6B28004	2500	ug/kg wet	N/A	N/A	2490		100			80-120			
Isopropylbenzene	6B28004	2500	ug/kg wet	N/A	N/A	2460		98			80-120			
p-Isopropyltoluene	6B28004	2500	ug/kg wet	N/A	N/A	2460		98			80-120			
Methylene Chloride	6B28004	2500	ug/kg wet	N/A	N/A	2420		97			80-120			
Methyl tert-Butyl Ether	6B28004	2500	ug/kg wet	N/A	N/A	2210		88			80-120			
Naphthalene	6B28004	2500	ug/kg wet	N/A	N/A	2430		97			80-120			
n-Propylbenzene	6B28004	2500	ug/kg wet	N/A	N/A	2520		101			80-120			

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CCV QC DATA

Analyte	Seq/ Batch	Source Spike Result Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD Limit	RPD Limit	Q
VOCs by SW8260B													
Styrene	6B28004	2500	ug/kg wet	N/A	N/A	2610		104		80-120			
1,1,1,2-Tetrachloroethane	6B28004	2500	ug/kg wet	N/A	N/A	2470		99		80-120			
1,1,2,2-Tetrachloroethane	6B28004	2500	ug/kg wet	N/A	N/A	2550		102		80-120			
Tetrachloroethene	6B28004	2500	ug/kg wet	N/A	N/A	2510		100		80-120			
Toluene	6B28004	2500	ug/kg wet	N/A	N/A	2530		101		80-120			
1,2,3-Trichlorobenzene	6B28004	2500	ug/kg wet	N/A	N/A	2480		99		80-120			
1,2,4-Trichlorobenzene	6B28004	2500	ug/kg wet	N/A	N/A	2320		93		80-120			
1,1,1-Trichloroethane	6B28004	2500	ug/kg wet	N/A	N/A	2360		94		80-120			
1,1,2-Trichloroethane	6B28004	2500	ug/kg wet	N/A	N/A	2370		95		80-120			
Trichloroethene	6B28004	2500	ug/kg wet	N/A	N/A	2420		97		80-120			
Trichlorofluoromethane	6B28004	2500	ug/kg wet	N/A	N/A	2150		86		80-120			
1,2,3-Trichloropropane	6B28004	2500	ug/kg wet	N/A	N/A	2140		86		80-120			
1,2,4-Trimethylbenzene	6B28004	2500	ug/kg wet	N/A	N/A	2380		95		80-120			
1,3,5-Trimethylbenzene	6B28004	2500	ug/kg wet	N/A	N/A	2420		97		80-120			
Vinyl chloride	6B28004	2500	ug/kg wet	N/A	N/A	2340		94		80-120			
Xylenes, total	6B28004	7500	ug/kg wet	N/A	N/A	7410		99		80-120			
<i>Surrogate: Dibromofluoromethane</i>	6B28004		ug/kg wet					97		80-120			
<i>Surrogate: Toluene-d8</i>	6B28004		ug/kg wet					102		80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	6B28004		ug/kg wet					100		80-120			
Benzene	6C01008	2500	ug/kg wet	N/A	N/A	2560		102		80-120			
Bromobenzene	6C01008	2500	ug/kg wet	N/A	N/A	2390		96		80-120			
Bromochloromethane	6C01008	2500	ug/kg wet	N/A	N/A	2220		89		80-120			
Bromodichloromethane	6C01008	2500	ug/kg wet	N/A	N/A	2440		98		80-120			
Bromoform	6C01008	2500	ug/kg wet	N/A	N/A	2290		92		80-120			
Bromomethane	6C01008	2500	ug/kg wet	N/A	N/A	2460		98		80-120			
n-Butylbenzene	6C01008	2500	ug/kg wet	N/A	N/A	2490		100		80-120			
sec-Butylbenzene	6C01008	2500	ug/kg wet	N/A	N/A	2500		100		80-120			
tert-Butylbenzene	6C01008	2500	ug/kg wet	N/A	N/A	2430		97		80-120			
Carbon Tetrachloride	6C01008	2500	ug/kg wet	N/A	N/A	2430		97		80-120			
Chlorobenzene	6C01008	2500	ug/kg wet	N/A	N/A	2430		97		80-120			
Chlorodibromomethane	6C01008	2500	ug/kg wet	N/A	N/A	2190		88		80-120			
Chloroethane	6C01008	2500	ug/kg wet	N/A	N/A	2620		105		80-120			
Chloroform	6C01008	2500	ug/kg wet	N/A	N/A	2390		96		80-120			
Chloromethane	6C01008	2500	ug/kg wet	N/A	N/A	2320		93		80-120			
2-Chlorotoluene	6C01008	2500	ug/kg wet	N/A	N/A	2580		103		80-120			
4-Chlorotoluene	6C01008	2500	ug/kg wet	N/A	N/A	2260		90		80-120			
1,2-Dibromo-3-chloropropane	6C01008	2500	ug/kg wet	N/A	N/A	2690		108		80-120			
1,2-Dibromoethane (EDB)	6C01008	2500	ug/kg wet	N/A	N/A	2520		101		80-120			
Dibromomethane	6C01008	2500	ug/kg wet	N/A	N/A	2520		101		80-120			
1,2-Dichlorobenzene	6C01008	2500	ug/kg wet	N/A	N/A	2380		95		80-120			
1,3-Dichlorobenzene	6C01008	2500	ug/kg wet	N/A	N/A	2430		97		80-120			
1,4-Dichlorobenzene	6C01008	2500	ug/kg wet	N/A	N/A	2440		98		80-120			
Dichlorodifluoromethane	6C01008	2500	ug/kg wet	N/A	N/A	2110		84		80-120			
1,1-Dichloroethane	6C01008	2500	ug/kg wet	N/A	N/A	2450		98		80-120			

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CCV QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	REC Limit	Q
VOCs by SW8260B														
1,2-Dichloroethane	6C01008	2500	ug/kg wet	N/A	N/A	2260	90				80-120			
1,1-Dichloroethene	6C01008	2500	ug/kg wet	N/A	N/A	2380	95				80-120			
cis-1,2-Dichloroethene	6C01008	2500	ug/kg wet	N/A	N/A	2550	102				80-120			
trans-1,2-Dichloroethene	6C01008	2500	ug/kg wet	N/A	N/A	2590	104				80-120			
1,2-Dichloropropane	6C01008	2500	ug/kg wet	N/A	N/A	2560	102				80-120			
1,3-Dichloropropane	6C01008	2500	ug/kg wet	N/A	N/A	2310	92				80-120			
2,2-Dichloropropane	6C01008	2500	ug/kg wet	N/A	N/A	2480	99				80-120			
1,1-Dichloropropene	6C01008	2500	ug/kg wet	N/A	N/A	2520	101				80-120			
cis-1,3-Dichloropropene	6C01008	2500	ug/kg wet	N/A	N/A	2620	105				80-120			
trans-1,3-Dichloropropene	6C01008	2500	ug/kg wet	N/A	N/A	2570	103				80-120			
2,3-Dichloropropene	6C01008	2500	ug/kg wet	N/A	N/A	2590	104				80-120			
Isopropyl Ether	6C01008	2500	ug/kg wet	N/A	N/A	2420	97				80-120			
Ethylbenzene	6C01008	2500	ug/kg wet	N/A	N/A	2510	100				80-120			
Hexachlorobutadiene	6C01008	2500	ug/kg wet	N/A	N/A	2470	99				80-120			
Isopropylbenzene	6C01008	2500	ug/kg wet	N/A	N/A	2440	98				80-120			
p-Isopropyltoluene	6C01008	2500	ug/kg wet	N/A	N/A	2480	99				80-120			
Methylene Chloride	6C01008	2500	ug/kg wet	N/A	N/A	2440	98				80-120			
Methyl tert-Butyl Ether	6C01008	2500	ug/kg wet	N/A	N/A	2280	91				80-120			
Naphthalene	6C01008	2500	ug/kg wet	N/A	N/A	2570	103				80-120			
n-Propylbenzene	6C01008	2500	ug/kg wet	N/A	N/A	2510	100				80-120			
Styrene	6C01008	2500	ug/kg wet	N/A	N/A	2620	105				80-120			
1,1,1,2-Tetrachloroethane	6C01008	2500	ug/kg wet	N/A	N/A	2500	100				80-120			
1,1,2,2-Tetrachloroethane	6C01008	2500	ug/kg wet	N/A	N/A	2640	106				80-120			
Tetrachloroethene	6C01008	2500	ug/kg wet	N/A	N/A	2490	100				80-120			
Toluene	6C01008	2500	ug/kg wet	N/A	N/A	2550	102				80-120			
1,2,3-Trichlorobenzene	6C01008	2500	ug/kg wet	N/A	N/A	2500	100				80-120			
1,2,4-Trichlorobenzene	6C01008	2500	ug/kg wet	N/A	N/A	2340	94				80-120			
1,1,1-Trichloroethane	6C01008	2500	ug/kg wet	N/A	N/A	2390	96				80-120			
1,1,2-Trichloroethane	6C01008	2500	ug/kg wet	N/A	N/A	2430	97				80-120			
Trichloroethene	6C01008	2500	ug/kg wet	N/A	N/A	2490	100				80-120			
Trichlorofluoromethane	6C01008	2500	ug/kg wet	N/A	N/A	2190	88				80-120			
1,2,3-Trichloropropane	6C01008	2500	ug/kg wet	N/A	N/A	2220	89				80-120			
1,2,4-Trimethylbenzene	6C01008	2500	ug/kg wet	N/A	N/A	2410	96				80-120			
1,3,5-Trimethylbenzene	6C01008	2500	ug/kg wet	N/A	N/A	2410	96				80-120			
Vinyl chloride	6C01008	2500	ug/kg wet	N/A	N/A	2360	94				80-120			
Xylenes, total	6C01008	7500	ug/kg wet	N/A	N/A	7520	100				80-120			
Surrogate: Dibromofluoromethane	6C01008		ug/kg wet				98				80-120			
Surrogate: Toluene-d8	6C01008		ug/kg wet				101				80-120			
Surrogate: 4-Bromofluorobenzene	6C01008		ug/kg wet				97				80-120			

ARCADIS - MILWAUKEE
 126 N Jefferson Street Suite 400
 Milwaukee, WI 53202
 Ms. Jennine Cota

Work Order: WPB0703
 Project: OHM Elm Grove, WI
 Project Number: WI001124.0001

Received: 02/21/06
 Reported: 03/02/06 10:36

LABORATORY DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Spike Result Level	Units	MDL	MRL	Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
General Chemistry Parameters												
QC Source Sample: WPB0705-01												
% Solids	6020585	85	%	N/A	N/A	85.8				1	20	
QC Source Sample: WPB0707-04												
% Solids	6020585	81	%	N/A	N/A	81.3				0	20	

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LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
VOCs by SW8260B													
Benzene	6020703	2500	ug/kg wet	N/A	N/A	2540	2610	102	104	64-124	3	29	
Bromobenzene	6020703	2500	ug/kg wet	N/A	N/A	2360	2380	94	95	70-130	1	20	
Bromochloromethane	6020703	2500	ug/kg wet	N/A	N/A	2210	2270	88	91	70-130	3	20	
Bromodichloromethane	6020703	2500	ug/kg wet	N/A	N/A	2360	2350	94	94	70-130	0	20	
Bromoform	6020703	2500	ug/kg wet	N/A	N/A	2130	2260	85	90	70-130	6	20	
Bromomethane	6020703	2500	ug/kg wet	N/A	N/A	2600	2590	104	104	70-130	0	20	
n-Butylbenzene	6020703	2500	ug/kg wet	N/A	N/A	2420	2360	97	94	70-130	3	20	
sec-Butylbenzene	6020703	2500	ug/kg wet	N/A	N/A	2450	2380	98	95	70-130	3	20	
tert-Butylbenzene	6020703	2500	ug/kg wet	N/A	N/A	2410	2350	96	94	70-130	3	20	
Carbon Tetrachloride	6020703	2500	ug/kg wet	N/A	N/A	2400	2420	96	97	70-130	1	20	
Chlorobenzene	6020703	2500	ug/kg wet	N/A	N/A	2390	2370	96	95	80-123	1	17	
Chlorodibromomethane	6020703	2500	ug/kg wet	N/A	N/A	2160	2190	86	88	70-130	1	20	
Chloroethane	6020703	2500	ug/kg wet	N/A	N/A	2770	2720	111	109	70-130	2	20	
Chloroform	6020703	2500	ug/kg wet	N/A	N/A	2380	2560	95	102	70-130	7	20	
Chloromethane	6020703	2500	ug/kg wet	N/A	N/A	2700	2690	108	108	70-130	0	20	
2-Chlorotoluene	6020703	2500	ug/kg wet	N/A	N/A	2530	2520	101	101	70-130	0	20	
4-Chlorotoluene	6020703	2500	ug/kg wet	N/A	N/A	2510	2110	100	84	70-130	17	20	
1,2-Dibromo-3-chloropropane	6020703	2500	ug/kg wet	N/A	N/A	2250	2670	90	107	70-130	17	20	
1,2-Dibromoethane (EDB)	6020703	2500	ug/kg wet	N/A	N/A	2350	2560	94	102	70-130	9	20	
Dibromomethane	6020703	2500	ug/kg wet	N/A	N/A	2370	2670	95	107	70-130	12	20	
1,2-Dichlorobenzene	6020703	2500	ug/kg wet	N/A	N/A	2340	2280	94	91	70-130	3	20	
1,3-Dichlorobenzene	6020703	2500	ug/kg wet	N/A	N/A	2370	2320	95	93	70-130	2	20	
1,4-Dichlorobenzene	6020703	2500	ug/kg wet	N/A	N/A	2350	2310	94	92	70-130	2	20	
Dichlorodifluoromethane	6020703	2500	ug/kg wet	N/A	N/A	2780	2820	111	113	70-130	1	20	
1,1-Dichloroethane	6020703	2500	ug/kg wet	N/A	N/A	2420	2590	97	104	70-130	7	20	
1,2-Dichloroethane	6020703	2500	ug/kg wet	N/A	N/A	2180	2450	87	98	70-130	12	20	
1,1-Dichloroethene	6020703	2500	ug/kg wet	N/A	N/A	2380	2460	95	98	43-141	3	44	
cis-1,2-Dichloroethene	6020703	2500	ug/kg wet	N/A	N/A	2570	2720	103	109	70-130	6	20	
trans-1,2-Dichloroethene	6020703	2500	ug/kg wet	N/A	N/A	2510	2640	100	106	70-130	5	20	
1,2-Dichloropropane	6020703	2500	ug/kg wet	N/A	N/A	2420	2490	97	100	70-130	3	20	
1,3-Dichloropropane	6020703	2500	ug/kg wet	N/A	N/A	2260	2410	90	96	70-130	6	20	
2,2-Dichloropropane	6020703	2500	ug/kg wet	N/A	N/A	2490	2400	100	96	70-130	4	20	
1,1-Dichloropropene	6020703	2500	ug/kg wet	N/A	N/A	2480	2540	99	102	70-130	2	20	
cis-1,3-Dichloropropene	6020703	2500	ug/kg wet	N/A	N/A	2610	2580	104	103	70-130	1	20	
trans-1,3-Dichloropropene	6020703	2500	ug/kg wet	N/A	N/A	2550	2550	102	102	70-130	0	20	
Ethylbenzene	6020703	2500	ug/kg wet	N/A	N/A	2450	2450	98	98	79-122	0	17	
Hexachlorobutadiene	6020703	2500	ug/kg wet	N/A	N/A	2520	2310	101	92	70-130	9	20	
Isopropylbenzene	6020703	2500	ug/kg wet	N/A	N/A	2350	2310	94	92	70-130	2	20	
p-Isopropyltoluene	6020703	2500	ug/kg wet	N/A	N/A	2470	2400	99	96	70-130	3	20	
Methylene Chloride	6020703	2500	ug/kg wet	N/A	N/A	2430	2540	97	102	70-130	4	20	
Methyl tert-Butyl Ether	6020703	2410	ug/kg wet	N/A	N/A	2070	2390	86	99	55-137	14	36	
Naphthalene	6020703	2500	ug/kg wet	N/A	N/A	2240	2490	90	100	70-130	11	20	
n-Propylbenzene	6020703	2500	ug/kg wet	N/A	N/A	2510	2490	100	100	70-130	1	20	
Styrene	6020703	2500	ug/kg wet	N/A	N/A	2560	2590	102	104	70-130	1	20	
1,1,1,2-Tetrachloroethane	6020703	2500	ug/kg wet	N/A	N/A	2480	2500	99	100	70-130	1	20	

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Received: 02/21/06
Reported: 03/02/06 10:36

LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	%REC Limits	RPD RPD	RPD Limit	Q
VOCs by SW8260B														
1,1,2,2-Tetrachloroethane	6020703		2500	ug/kg wet	N/A	N/A	2350	2750	94	110	70-130	16	20	
Tetrachloroethene	6020703		2500	ug/kg wet	N/A	N/A	2500	2480	100	99	70-130	1	20	
Toluene	6020703		2500	ug/kg wet	N/A	N/A	2540	2500	102	100	78-120	2	18	
1,2,3-Trichlorobenzene	6020703		2500	ug/kg wet	N/A	N/A	2410	2510	96	100	70-130	4	20	
1,2,4-Trichlorobenzene	6020703		2500	ug/kg wet	N/A	N/A	2330	2310	93	92	70-130	1	20	
1,1,1-Trichloroethane	6020703		2500	ug/kg wet	N/A	N/A	2370	2500	95	100	70-130	5	20	
1,1,2-Trichloroethane	6020703		2500	ug/kg wet	N/A	N/A	2360	2500	94	100	70-130	6	20	
Trichloroethene	6020703		2500	ug/kg wet	N/A	N/A	2440	2550	98	102	78-124	4	20	
Trichlorofluoromethane	6020703		2500	ug/kg wet	N/A	N/A	2150	2190	86	88	70-130	2	20	
1,2,3-Trichloropropane	6020703		2500	ug/kg wet	N/A	N/A	1800	2030	72	81	70-130	12	20	
1,2,4-Trimethylbenzene	6020703		2500	ug/kg wet	N/A	N/A	2390	2400	96	96	75-128	0	20	
1,3,5-Trimethylbenzene	6020703		2500	ug/kg wet	N/A	N/A	2410	2400	96	96	76-127	0	19	
Vinyl chloride	6020703		2500	ug/kg wet	N/A	N/A	2650	2570	106	103	70-130	3	20	
Xylenes, total	6020703		7500	ug/kg wet	N/A	N/A	7390	7390	99	99	79-122	0	17	
Surrogate: Dibromofluoromethane	6020703			ug/kg wet					97	103	82-112			
Surrogate: Toluene-d8	6020703			ug/kg wet					101	101	91-106			
Surrogate: 4-Bromofluorobenzene	6020703			ug/kg wet					99	101	89-110			
Benzene	6030011		2500	ug/kg wet	N/A	N/A	2610	2520	104	101	64-124	4	29	
Bromobenzene	6030011		2500	ug/kg wet	N/A	N/A	2460	2420	98	97	70-130	2	20	
Bromochloromethane	6030011		2500	ug/kg wet	N/A	N/A	2360	2220	94	89	70-130	6	20	
Bromodichloromethane	6030011		2500	ug/kg wet	N/A	N/A	2460	2270	98	91	70-130	8	20	
Bromoform	6030011		2500	ug/kg wet	N/A	N/A	2360	2300	94	92	70-130	3	20	
Bromomethane	6030011		2500	ug/kg wet	N/A	N/A	2660	2490	106	100	70-130	7	20	
n-Butylbenzene	6030011		2500	ug/kg wet	N/A	N/A	2450	2340	98	94	70-130	5	20	
sec-Butylbenzene	6030011		2500	ug/kg wet	N/A	N/A	2440	2390	98	96	70-130	2	20	
tert-Butylbenzene	6030011		2500	ug/kg wet	N/A	N/A	2450	2390	98	96	70-130	2	20	
Carbon Tetrachloride	6030011		2500	ug/kg wet	N/A	N/A	2380	2260	95	90	70-130	5	20	
Chlorobenzene	6030011		2500	ug/kg wet	N/A	N/A	2480	2330	99	93	80-123	6	17	
Chlorodibromomethane	6030011		2500	ug/kg wet	N/A	N/A	2310	2170	92	87	70-130	6	20	
Chloroethane	6030011		2500	ug/kg wet	N/A	N/A	2930	2740	117	110	70-130	7	20	
Chloroform	6030011		2500	ug/kg wet	N/A	N/A	2520	2440	101	98	70-130	3	20	
Chloromethane	6030011		2500	ug/kg wet	N/A	N/A	2820	2700	113	108	70-130	4	20	
2-Chlorotoluene	6030011		2500	ug/kg wet	N/A	N/A	2480	2320	99	93	70-130	7	20	
4-Chlorotoluene	6030011		2500	ug/kg wet	N/A	N/A	2270	2140	91	86	70-130	6	20	
1,2-Dibromo-3-chloropropane	6030011		2500	ug/kg wet	N/A	N/A	2770	2890	111	116	70-130	4	20	
1,2-Dibromoethane (EDB)	6030011		2500	ug/kg wet	N/A	N/A	2590	2630	104	105	70-130	2	20	
Dibromomethane	6030011		2500	ug/kg wet	N/A	N/A	2550	2540	102	102	70-130	0	20	
1,2-Dichlorobenzene	6030011		2500	ug/kg wet	N/A	N/A	2410	2340	96	94	70-130	3	20	
1,3-Dichlorobenzene	6030011		2500	ug/kg wet	N/A	N/A	2450	2340	98	94	70-130	5	20	
1,4-Dichlorobenzene	6030011		2500	ug/kg wet	N/A	N/A	2460	2300	98	92	70-130	7	20	
Dichlorodifluoromethane	6030011		2500	ug/kg wet	N/A	N/A	2920	2750	117	110	70-130	6	20	
1,1-Dichloroethane	6030011		2500	ug/kg wet	N/A	N/A	2510	2490	100	100	70-130	1	20	
1,2-Dichloroethane	6030011		2500	ug/kg wet	N/A	N/A	2390	2360	96	94	70-130	1	20	
1,1-Dichloroethene	6030011		2500	ug/kg wet	N/A	N/A	2440	2390	98	96	43-141	2	44	

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LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Spike		MDL	MRL	Dup		% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
		Result	Level			Units	Result						
VOCs by SW8260B													
cis-1,2-Dichloroethene	6030011	2500	ug/kg wet	N/A	N/A	2660	2580	106	103	70-130	3	20	
trans-1,2-Dichloroethene	6030011	2500	ug/kg wet	N/A	N/A	2610	2480	104	99	70-130	5	20	
1,2-Dichloropropane	6030011	2500	ug/kg wet	N/A	N/A	2520	2470	101	99	70-130	2	20	
1,3-Dichloropropane	6030011	2500	ug/kg wet	N/A	N/A	2430	2380	97	95	70-130	2	20	
2,2-Dichloropropane	6030011	2500	ug/kg wet	N/A	N/A	2500	2150	100	86	70-130	15	20	
1,1-Dichloropropene	6030011	2500	ug/kg wet	N/A	N/A	2560	2420	102	97	70-130	6	20	
cis-1,3-Dichloropropene	6030011	2500	ug/kg wet	N/A	N/A	2660	2490	106	100	70-130	7	20	
trans-1,3-Dichloropropene	6030011	2500	ug/kg wet	N/A	N/A	2680	2480	107	99	70-130	8	20	
Ethylbenzene	6030011	2500	ug/kg wet	N/A	N/A	2600	2450	104	98	79-122	6	17	
Hexachlorobutadiene	6030011	2500	ug/kg wet	N/A	N/A	2460	2310	98	92	70-130	6	20	
Isopropylbenzene	6030011	2500	ug/kg wet	N/A	N/A	2400	2290	96	92	70-130	5	20	
p-Isopropyltoluene	6030011	2500	ug/kg wet	N/A	N/A	2480	2390	99	96	70-130	4	20	
Methylene Chloride	6030011	2500	ug/kg wet	N/A	N/A	2570	2480	103	99	70-130	4	20	
Methyl tert-Butyl Ether	6030011	2410	ug/kg wet	N/A	N/A	2320	2390	96	99	55-137	3	36	
Naphthalene	6030011	2500	ug/kg wet	N/A	N/A	2550	2710	102	108	70-130	6	20	
n-Propylbenzene	6030011	2500	ug/kg wet	N/A	N/A	2560	2450	102	98	70-130	4	20	
Styrene	6030011	2500	ug/kg wet	N/A	N/A	2630	2500	105	100	70-130	5	20	
1,1,1,2-Tetrachloroethane	6030011	2500	ug/kg wet	N/A	N/A	2660	2460	106	98	70-130	8	20	
1,1,2,2-Tetrachloroethane	6030011	2500	ug/kg wet	N/A	N/A	2640	2870	106	115	70-130	8	20	
Tetrachloroethene	6030011	2500	ug/kg wet	N/A	N/A	2490	2440	100	98	70-130	2	20	
Toluene	6030011	2500	ug/kg wet	N/A	N/A	2580	2440	103	98	78-120	6	18	
1,2,3-Trichlorobenzene	6030011	2500	ug/kg wet	N/A	N/A	2590	2560	104	102	70-130	1	20	
1,2,4-Trichlorobenzene	6030011	2500	ug/kg wet	N/A	N/A	2400	2360	96	94	70-130	2	20	
1,1,1-Trichloroethane	6030011	2500	ug/kg wet	N/A	N/A	2440	2280	98	91	70-130	7	20	
1,1,2-Trichloroethane	6030011	2500	ug/kg wet	N/A	N/A	2550	2480	102	99	70-130	3	20	
Trichloroethene	6030011	2500	ug/kg wet	N/A	N/A	2510	2410	100	96	78-124	4	20	
Trichlorofluoromethane	6030011	2500	ug/kg wet	N/A	N/A	2260	2110	90	84	70-130	7	20	
1,2,3-Trichloropropane	6030011	2500	ug/kg wet	N/A	N/A	2100	2150	84	86	70-130	2	20	
1,2,4-Trimethylbenzene	6030011	2500	ug/kg wet	N/A	N/A	2430	2340	97	94	75-128	4	20	
1,3,5-Trimethylbenzene	6030011	2500	ug/kg wet	N/A	N/A	2450	2340	98	94	76-127	5	19	
Vinyl chloride	6030011	2500	ug/kg wet	N/A	N/A	2720	2560	109	102	70-130	6	20	
Xylenes, total	6030011	7500	ug/kg wet	N/A	N/A	7530	7220	100	96	79-122	4	17	
Surrogate: Dibromofluoromethane	6030011		ug/kg wet					100	100	82-112			
Surrogate: Toluene-d8	6030011		ug/kg wet					101	102	91-106			
Surrogate: 4-Bromofluorobenzene	6030011		ug/kg wet					100	101	89-110			

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CERTIFICATION SUMMARY

TestAmerica Analytical - Watertown

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

