

Infrastructure, environment, buildings

Privileged and Confidential Attorney Work Product

Thomas P. Shannon Fox, O'Neill & Shannon, S.C. 622 North Water Street Suite 500 Milwaukee, WI 53202 ARCADIS G&M, Inc 126 North Jefferson Street Suite 400 Milwaukee Wisconsin 53202 Tel 414 276 7742 Fax 414 276 7603

ENVIRONMENT

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.

Date: 28 March 2006

Contact:
Dawn Gabardi
Jennine Cota

Phone: 414 276 7742

dgabardi@arcadis-us.com icota@arcadis-us.com

Our ref: W1001124,0001

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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 ($\mu g/kg$) to 97,000 $\mu g/kg$. 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 (μ g/L) PCE, 0.32 μ g/L TCE, and 1.9 μ g/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 μ g/L) and Enforcement Standard (5 μ g/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

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	7 9	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 (µg/kg).

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

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

Lim Orove, vii	3601131111				
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	

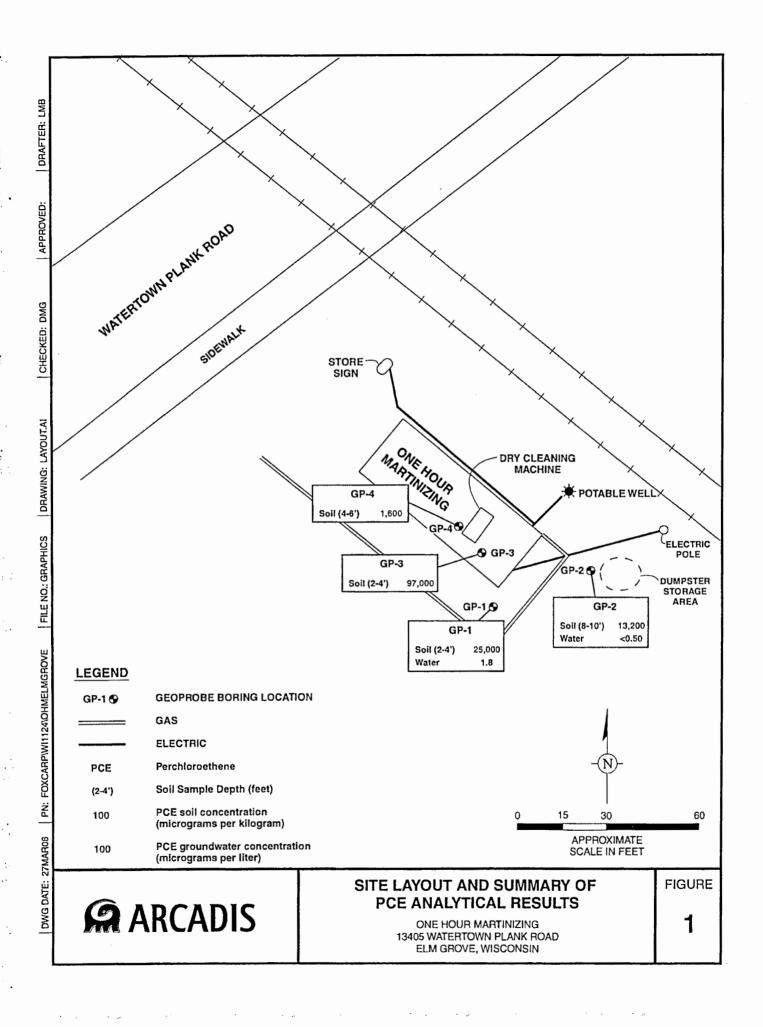
Results reported in micrograms per liter (µg/L).

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 restuls at or above the LOQ.



Appendix A

Soil Boring Logs

State of Wisconsin	
Department of Natural Resources	

Soil Boring Log Information Form 4400-122 Rev.7-98

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	me Da Probel		olog	Last Name		2/20/06				2	/20/0	6		Geoprobe		
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Sam	ple											Soil F	rope	rties		
Number and Type	Length All. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Descript And Geologic Oric Each Major Unit		Control of the Contro	USCS	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
	39		-2	2-4" Pulverized concrete. 4-14" Silt: Very dark gray (7.5 YF grainy, some gravel up to 1.5" r poorly sorted, dry, grades into 14-25" Sand/Silt: Light yellowis 6/4), well sorted, mainly very fill boarders between silt (grainy) loose, dry. 25-26" Silt: Color as above grain sand. 26-39" Silt/Gravel: Very dark gra 3/2), silt is smooth, gravel up to	ound, R ome sand, ine				2-4 5.0							
2	20		-6	subangular, trace or little sand grain, poorly sorted, moist to d 4-8/ 0-8" Silt/Gravel: As above, trace 8-10" Silt/Clay: Dark yellowish to chesive and somewhat plastic coarse sand and gravel up to 1/ subangular, moist. 10-12" Silt/Clay: Black, smooth, cohesive and somewhat plastic (organic). 12-13" Rock: Limestone yellowith 13-20" Silt/Clay: Brown (10 YR 4).	edium od). 1/6), o				4-6 0.0 6-8 0.0							
3	23		- 8 - - - - -10	what cohesive to somewhat plant gravel and medium to coarse subtround to angular, moist. 8-12/ 0-23" Sand/Silt/Gravel: Very dar poorly sorted sand fine to coar angular to subround, silt smooth	k gray (10 YR 3 se, gravel up to	3/1), o 2"				8-10 0.0 10-12 0.0						

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 from should be sent. foxcarp/wi1124/ohmelmgrv/graphics/logs/gp1.ai

GP-1 **Boring Number** Soil Properties Sample Lenght All. & Recovered (in) Compressive Strength Moisture Content Liquid Limit Plastic Limit Soil/Rock Description Depth in Feet Blow Counts And Geologic Origin For Well Diagram Graphic Log Each Major Unit 12-16/ 27 12-14 4 0-14" Slough. 0.0 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" subround to subangular, loose, moist, sharp contact 14-16 with section below. 0.0 15-27" Sand: Brown (10 YR 4/3), fine grain, well sorted, loose, moist. 16-20/ 16-18 28 0-15" Sand: As above, well sorted, moist. 0.0 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. 18-20 3.0 EOB @ 20' - 22 26 28

State of Wisconsin	
Department of Natural Resources	

Soil Boring Log Information Form 4400-122 Rev. 7-98

				Route to: Watershed/Wastewater Remediation/Redevelopmen				ement [
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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	Compressive Strength	isture	uid	Plastic Limit	P 200	RQD/ Comments
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1	28.5		-24	0-3.5" Pulverized concrete, flour, dry. 3.5-13" Silt/Clay/Sand/Gravel: Dark ye brown (10 YR 4/4), silt, grainy to smovery fine to medium gravel up to 1.5' subround, poorly sorted somewhat to somewhat cohesive/plastic, moist. 13-28.5" Silt/Sand: Black brown dark (10 YR 3/2), silt is grainy to somewhat sand very fine to coarse mainly very medium grain, trace to little grael up to subangular, moist.	ellowish oth, sand, "angular loose/cruit gray brov t smooth, fine to	to mbly wn				0-2 1.2 2-4 3.7						
2	36		-6	0-3" Slough. 3-7.5" Silt/Clay: Yellowish brown (10) cohesive and somewhat plastic, som sand size cinders, black and iridescer black coloring. 7.5-14" Silt: Very dark grayish brown somewhat grainy to smooth, trace ve sand, somewhat loose, dry. 14-27" Silt/Sand: Brownish yellow (10 smooth to somewhat grainy, boarde silt very fine sand, trace gravel up to to subround, somewhat loose.	ne coarse nt orange (10 YR 3/2 ery fine 0 YR 6/6) erline grai 1" angula	ny				6-8 0.0						
3	35	(*h~* *l	-10	27-36" Sand: Brownish yellow (10 YR to medium grain, predominantly fine grain, silty, trace to little gravel up to to subround, moist. 8-12/ 0-8" Slough. 8-12" Sand: As above. 12-14" Gravel: Crushed white limestormation on this form is true and correct	e to medi 1.5" angu ene(?)	um			lan.	8-10 1.3 10-12 0.0						
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Page <u>2</u> of <u>2</u> **Boring Number** Soil Properties Sample Lenght All. & Recovered (in) Compressive Strength Moisture Content Liquid Limit Plastic Soil/Rock Description Depth in Feet Blow Counts And Geologic Origin For Graphic Log PID/FID Each Major Unit 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. 12 12-16/ 32 12-14 0-27" Sand/Gravel/Silt: As above. 0.0 27-32" Sand: Yellowish brown (10 YR 5/6) fine grain, some very fine, trace medium, well sorted, loose, moist. 14-16 0.0 16-18 5 30 0-22" Sand: Yellowish brown (10 YR 5/4) very fine 0.0 to medium grain, predominantly fine grain, well sorted, loose, moist. 22-30" Sand: As above, wet. 18-20 0.0 - 18 EOB @ 20' 22 - 24 - 26 28

GP-2

foxcarp/wil124/ohmelmgrv/graphics/logs/gp2_2ai

State of Wisconsin	
Department of Natural Resources	

Soil Boring Log Information Form 4400-122 Rev.7-98

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4	0			gravel) moist, stained black/yellow in	places.					6-8						
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1	4			0-4" Sand: Yellow brown (10 YR 5/6), fin little grainy silt, trace medium grain, so						1.0						
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2	4.5		-2	2-4/		1				2-4						
	٦.5			0-1.5" Slough. 1.5-4.0' Rocks: Crushed/broken up to 1	1″angular	r				2.9						
			F	to subangular, limestone. 4.0-4.5" Silt: Black, smooth to grainy tra	ace oraga	anics										
			-	trace to little fine to medium sand, son			,									
3	24		-4	loose to somewhat crumbly, moist. 4-6/						4-6						
3	24			0-6" Slough. 6-14" Silt/Clay: Dark brown (10 YR 3/3),	smooth.	to				0.9						
. .			-	grainy, little sand, medium to fine grair	n, trace											
			-	gravel up to 3/4" angular to subround, some orange/rust mottling at 12-14" g		to										
	8		-6	more sandy (fine to very fine) unit. 14-24" Organic Rich Silt - Silt: Black smo	ooth	T				6-8						
4	0			(wood), trace gravel up to 3/4" subrour						0.6						
			-	subangular, moist, organic, odor. 6-8/		-										
			F	0-8" Silt/Sand/Gravel: Yellowish brown poorly sorted silt grainy to smooth, sa							:					
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This form is authorized by Ckapters 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 from should be sent. foxcarp/wi1124/ohmelmgrv/graphics/logs/gp4.al

Well/Drillhole/Borehole Abandonment

Form 3300-005 (R 10/03)

Page 1 of 2

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 forteiture 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.

Drinking Water Watersho	ed/Waster	water Waste Ma	anagement	Remed	iation/Red	levelopment _	Other:					
1. General Information				2. Facility/	Owner In	ormation						
The state of the contract of t	II ID No.	County		Facility Nan				<u></u>				
		Waukesha			ОНМ	Elm Grove/V						
Common Well Name GP-1		Gov't Lot # (if applica		Facility ID License/Permit/Monitoring No. City, Village or Tow Elm Grove								
1/4 / 1/4 Sec	tion	ownship Range	E N	Street Addr 134		rtown Plank	Road					
Grid Location				Present We	ll Owner		Original Well	Owner				
Feet N Feet C]		Well Location	Street Addr	ess or Rou	te of Owner						
Latitude: DEG MIN SEC	. L	ongitude: DEG MIN	SEC	City			State	ZIP Code				
Reason For Abandonment		que Well No. of Replace	Wement Well		eli de la Carte		10.000	*				
Temporary borehole				200 CO (200 CO) (200 CO (200 CO) (200 CO (200 CO) (200	X-11-20-20-20-20-20-20-20-20-20-20-20-20-20-	n, Casing & Sea	urigiiviateria					
3. Well/Drillhole/Borehole Infor	mation			• •	d piping r	emoved?		☐ Yes ☐ No ☒ N/A				
		onstruction Date		Liner(s) r	emoved?			Yes No X N/A				
Monitoring Well	2/20/	06		Screen re	moved?			☐ Yes ☐ No 🛛 N/A				
Water Well		onstruction Report	is available,	Casing le	ft inplace?			Yes No No N/A				
X Borehole/Drillhole	please at	racn.		Was casir	ng cut off l	elow surface?		Yes No X N/A				
Construction Type:				Did sealir	ng materia	l rise to surface?		X Yes No N/A				
Drilled Driven (S	Sandpoint) 🔲 Dug		Did mate	rial settle a	after 24 hours?		Yes X No N/A				
X Other (specify): Geoprob	oe .			1		retopped?		Yes No N/A				
				If benton	ite chips w	rere used, were tl r from a known s	ney	☐Yes ☐No ☐N/A				
Formation Type:	_					lacing Sealing M						
X Unconsolidated Formation	Ł	Bedrock				Gravity Cond		'umped				
Total Well Depth From Groundsur 20	face (ft.)	Casing Diameter (in	1.)	(Bento	ned & Pour onite Chips		er (Explain):					
Lower Drillhole Diameter (in.)		Casing Depth (ft.)		Sealing Ma			Clayesa	nd Slurry (11 lb/gal. wt.)				
2		,		ı =	ement Gr		_	ite-Sand Slurry "				
			¬		·-·	oncrete) Grout	X Benton	•				
Was well annular space grouted?		Yes X No L	」 Unknown			nd Monitoring We		•				
If yes, to what depth (feet)?	Dont	h to Water (feet)			ite Chips		entonite - Ce					
ii yes, to what depth (leet):	Depi	•			ar Bentoni		entonite - Sa	•				
	2.13.13.W.79	19.5	a di di di di di di di di di di di di di	C Grandi	1	Na Vala		,				
5. Material Used to Fill Well/Drill!	nole			From (ft.)	To (ft.		acks Sealar (circle one)	t Mix Ratio or Mud Weight				
Medium (3/8") Bento	nite chi	ps		Surface	20	<1/2	2 bag					
	•			 	 							
6. Comments							1.5					
7. Supervision of Work					S (2) (1)	D	NR Use Only					
Name of Person or Firm Doing Sea	aling Worl	<	Date of Aba		Dat	e Received	Noted By					
Paul Lenaker/ARCADIS			2/20/									
Street or Route		10	Telephone N		100.00	mments						
126 N. Jefferson Street, S	ouite 40	State WJ ZIP Code	(414) 27	6-7742 Signature o		oing Mork		Data Signad				
City Milwaukee foxcarp/wi1124/ohmelmgrv/graphics/logs/	gp1_aband.a	i State Wilzir Code	· J3ZUZ	Signature o	//	oing work		Date Signed 31710 6				

Well/Drillhole/Borehole Abandonment

Form 3300-005 (R 10/03)

Page 1 of 2

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 forteiture 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 Watersh	ned/Waste	water Waste Ma	nagement	Remed	iation/Red	evelopment _	Other:	
1. General Information				2. Facility/	Owner Inf	ormation		
	ell ID No.	County	- Sec. 8 (10.8) 8 (10.1)	Facility Nam				
		Waukesha			OHM	Elm Grove/\	VI001124.	0001
Common Well Name GP-2		Gov't Lot # (if applica	able)	Facility ID		License/Permit/M	onitoring No.	City, Village or Town Elm Grove
1/4 / 1/4 1/4 Sec	ction	Township Range N	. De	Street Addre		rtown Plank	Road	
Grid Location				Present Wel	l Owner		Original Well	Owner
Feet N Feet [_ E	Local Grid Origin (estimated) OR	Well Location	Street Addre	ess or Rou	te of Owner		
Latitude: L		ongitude: DEG MIN	CEC					
DEG MIN SE	N		<u>l w</u>	City			State	ZIP Code
Reason For Abandonment	WIUn	ique Well No. of Replace	ement Well	4. Pümp, Li	ner, Scree	n, Casing & Sea	ling Materia	
Temporary borehole			# 1 Veg . 1 19 95 95	Pump an	d piping re	emoved?	[Yes No No N/A
3: Well/Drillhole/Borehole Info				Liner(s) re			Ī	Yes No X N/A
Monitoring Well	2/20/	Construction Date		Screen re			ï	Yes No No N/A
Water Well				4			ľ	Yes No No N/A
X Borehole/Drillhole	If a Well please a	Construction Report	is available,		ft inplace?			
	picase a			Was casin	ng cut off b	elow surface?	ļ	Yes No No N/
Construction Type:				Did sealir	ng materia	l rise to surface?	l	X Yes No No N/A
Drilled Driven	(Sandpoir	nt) 🔲 Dug		Did mate	rial settle a	fter 24 hours?	Į	Yes X No N/A
Other (specify): Geopro	be			1 '	was hole		[Yes No N/A
•				If bentoni	ite chips w with wate	ere used, were t r from a known :	hey safe source? [Yes No No N/A
Formation Type:		_				lacing Sealing M		
X Unconsolidated Formation		Bedrock			ctor Pipe-(Gravity Con	ductor Pipe-P	umped
Total Well Depth From Groundsu 20	rface (ft.)	Casing Diameter (in)		nite Chips		er (Explain):	
Lower Drillhole Diameter (in.) 2		Casing Depth (ft.)		☐ Neat C	ement Gro			nd Slurry (11 lb./gal.wt.) te-Sand Slurry" "
Was well annular space grouted?		Yes X No	Unknown	Concre	ete	oncrete) Grout	X Bentoni	te Chips
				J	-	nd Monitoring W ת⊃		•
If yes, to what depth (feet)?	Dep	oth to Water (feet)		I =	ite Chips	=	Bentonite - Ce Bentonite - Sa	
		19.5	and the second second	Granula	r Bentonit			
5. Material Used to Fill Well/Dril				From (ft.)	To (ft.	or Volume	Sacks Sealan (circle one)	t Mix Ratió or Mud Weight
Medium (3/8") Bento	onite ch	ips		Surface	20	<1/	2 bag	
224					ž 418au			V DOMENIA WARANCA WARA
6. Comments								
7. Supervision of Work					30 8 10 91	C. Allerton Management States of the	NR Use Only	
Name of Person or Firm Doing S	ealing Wo	rk	Date of Aba		Date	e Received	Noted By	
Paul Lenaker/ARCADIS			2/20/		10 m			
Street or Route 126 N. Jefferson Street,	Suito 4	00	Telephone N		, Co	mments/		
City Milwaukee	Juile 4	State WI ZIP Code	(414) 27 e 53202	Signature of	f Person D	eing Work	*/SV./-(V	Date Signed
foxcarp/wi1124/ohmelmgrv/graphics/logs	s/gp2_aband	lai State VVIII COUR	- 33202	D)	. // /	Ping Work		3/2/166

Well/Drillhole/Borehole Abandonment

Form 3300-005 (R 10/03)

Page 1 of 2

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 forteiture 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.

Drinking Water W	/atershed/Wa	astewater Waste Ma	nagement	Remedi	ation/Red	levelopment _	Other:	· · · · · · · · · · · · · · · · · · ·
1. General Information				2. Facility/C)wner Inf	ormation		
WI Unique Well No. D	NR Well ID N			Facility Nam	e	rı		
		Waukesha			ОНМ	Elm Grove/V		
Common Well Name GP-3		Gov't Lot # (if applica		Facility ID		License/Permit/M	onitoring No.	City, Village or Town Elm Grove
1/4 / 1/4	Section	Township Range N	E N)5 Wate	rtown Plank	Road	
Grid Location			 	Present Well	Owner		Original Well (Owner
Feet N Feet			Well Location	Street Addre	ess or Rou	te of Owner		
Latitude: DEG MI	1	Longitude: DEG MIN	SEC W	City			State	ZIP Code
Reason For Abandonment		Unique Well No. of Replace		4. Pump, Li	ner,Scree	n, Casing & Sea	l ling Matérial	
Temporary boreho				Pump and	d piping re	emoved?] Yes ☐ No 🛛 N/
3. Well/Drillnole/Boreno	AS A COMMON TO SERVICE OF	al Construction Date		Liner(s) re	moved?			Yes No X N/
Monitoring Well		20/06		Screen re	moved?			Yes No No
Water Well	<u> </u>	/ell Construction Report	ic available	Casing lef	t inplace?	,		Yes No X N/
X Borehole/Drillhole	pleas	e attach.	is available,	·		pelow surface?		Yes No X N/
Construction Type:				1	-	I rise to surface?	5	Yes No No
	riven (Sandp	ooint) Dug		i	-	after 24 hours?	Ī	Yes No N/
		L Dug				retopped?	Ē	Yes No No
☑ Other (specify): Ge	obtone			If bentoni	te chips w	vere used, were t	hey _	
Formation Type:						r from a known		Yes No No
☑ Unconsolidated Form	nation	Bedrock		Conduc	tor Pipe-(Placing Sealing M Gravity Con	ductor Pipe-Pւ	umped
Total Well Depth From Gro	undsurface (ft.) Casing Diameter (in	i.)		nite Chips		er (Explain):	
Lower Drillhole Diameter (in.)	Casing Depth (ft.)		! =	ement Gro			d Slurry (11 lb./gal. wt. e-Sand Slurry " "
Was well annular space gro	outed?	Yes X No	Unknown	Concre	ete	oncrete) Grout	X Bentonit	e Chips
				1—	-	nd Monitoring W ء 🗀		•
If yes, to what depth (feet)	?	Depth to Water (feet)		1=	ite Chips ir Bentoni		Bentonite - Cer Bentonite - Sar	
5. Material Used to Fill W	ell/Drillhole			From (ft.)	Tò (ft.		Sacks Sealant (circlé one)	
Medium (3/8") E	Bentonite	chips		Surface	6	<1/2	bag	
		· · · · · · · · · · · · · · · · · · ·						
6. Comments	LAYARA Les Para							
7. Supervision of Work							ONR Use Only	
Name of Person or Firm D	oing Sealing	Work	Date of Aba		Dat	e Received	Noted By	
Paul Lenaker/ARC	ADIS		2/20/					
Street or Route 126 N. Jefferson St	reet Suita	400	Telephone N (414) 27		Co	mments		
City Milwaukee		State WI ZIP Code		Signature of	f Person D	oing Work		Date Signed
foxcarp/wi1124/ohmelmgrv/grap	hics/logs/gp3_ab	pand.ai		D. A				312106

Well/Drillhole/Borehole Abandonment

Form 3300-005 (R 10/03) 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 forteiture 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. Drinking Water Watershed/Wastewater Waste Management Remediation/Redevelopment Other: 2. Facility/Owner Information 1. General Information DNR Well ID No. |County WI Unique Well No. Facility Name OHM Elm Grove/WI001124.0001 Waukesha License/Permit/Monitoring No. Gov't Lot # (if applicable) City, Village or Town Facility ID Common Well Name GP-4 Elm Grove Range Street Address of Well 1/4 / 1/4 Section Township

	l N	Пw	13403	watertown Pla	nk koad	
Grid Location	Local Grid Origin		Present Well O	wner	Original Well Ov	vner
Feet N Feet [W (estimated) OR	Well Location	Street Address	or Route of Owner		
	EC Longitude: DEG MIN	l w	City		State	ZIP Code
Reason For Abandonment Temporary borehole	WI Unique Well No. of Replac	tement Well	4. Pump, Line	Screen, Casing & S	ealing Material	
3. Well/Drillhole/Borehole Info	ormation		Pump and p	iping removed?		Yes No No N/A
	Original Construction Date	20003 21 12 11 11 11 11 11 11	Liner(s) remo	oved?		Yes No N/A
Monitoring Well	2/20/06		Screen remo	ved?	<u></u>	Yes No N/A
Water Well	If a Well Construction Report	t is available,	Casing left in	place?	<u> </u>	Yes No No N/A
X Borehole/Drillhole	please attach.		Was casing c	ut off below surface	• =	Yes 🔲 No 🔀 N/A
Construction Type:			Did sealing n	naterial rise to surfac	ce?	Yes 🔲 No 🔲 N/A
☐ Drilled ☐ Driven	(Sandpoint) Dug		Did material	settle after 24 hours	? <u> </u>	Yes 🗶 No 🗌 N/A
Other (specify): Geopro	obe			s hole retopped?	L.	Yes No No
Formation Type:			hydrated wit	chips were used, wer h water from a knov	re they vn safe source?	Yes No No N/A
	Г.,			od of Placing Sealing		
X Unconsolidated Formation	n Bedrock			r Pipe-Gravity 🔲 C	onductor Pipe-Pum	ped
Total Well Depth From Groundsu 8	urface (ft.) Casing Diameter (in	n.)	Screened (Bentonite	e Chips)	ther (Explain):	
Lower Drillhole Diameter (in.)	Casing Depth (ft.)		Sealing Materia		Clay-Sand	Slurry (11 lb./gal.wt.)
1			Neat Cem		Пр	Sand Slurry " "
Was well annular space grouted:	? Yes X No [Unknown	Concrete	nent (Concrete) Grou	X Bentonite (Chips
				Wells and Monitoring		
If yes, to what depth (feet)?	Depth to Water (feet)		Bentonite	· =	Bentonite - Ceme	
The Late of the Control of the Contr			Granular B		Bentonite - Sand	
5. Material Used to Fill Well/Dri	ilhole		From (ft.)	To (ft.) No. Yard or Volum	ls, Sacks Sealant me (circle one)	Mix Ratio or Mud Weight
Medium (3/8") Bento	onite chips		Surface	8 <1/	2 bag	
6.Comments						
					,	
7. Supervision of Work					DNR Use Only	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Name of Person or Firm Doing S	ealing Work	Date of Aba		Date Received	Noted By	
Paul Lenaker/ARCADIS		2/20/				Andrew Control
Street or Route	· C:to 400	Telephone N		Comments		
126 N. Jefferson Street	, Suite 400	1(414)27	6 - 7742	LINE TO BE SEED ON THE		

7. Supervision of Work		DNR Use	Only
Name of Person or Firm Doing Sealing Work	Date of Abandonment	Date Received Note	d By
Paul Lenaker/ARCADIS	2/20/06		
Street or Route	Telephone Number	Comments	3.747.370.49.65.75.77
126 N. Jefferson Street, Suite 400	(414) 276-7742		

City Milwaukee foxcarp/wi1124/ohmelmgrv/graphics/logs/gp4_aband.ai

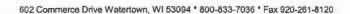
State WIZIP Code 53202

Signature of Person Doing Work

Date Signed

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

Page 1 of 12

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

Received: 02/21/06

Project: Project Number: WI001124.0001

OHM Elm Grove, WI

Reported: 02/24/06 08:07

ANALYTICAL REPORT

	Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
d street was	Sample ID: WPB0702-01 (GP-1	- Ground Wa	iter)					Sampled: 02	2/20/06 0	9:55	
	VOCs by SW8260B										
	Benzene	< 0.20		ug/L	0.20	0.67	1	02/23/06 12:07	MAE	6020597	SW 8260B
ı	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
k	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
ŧ	Carbon Tetrachloride	< 0.50		ug/L	0.50	1.7	1	02/23/06 12:07	MAE	6020597	SW 8260B
1	Chlorobenzene	< 0.20		ug/L	0.20	0.67	1	02/23/06 12:07	MAE	6020597	SW 8260B
٠.	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
	Dichloro difluoromethane	< 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
5	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	I	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	1	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 Work Order: Project: WPB0702

Received: 02/21/06

Project Number: WI001124.0001

OHM Elm Grove, WI

Reported: 02/24/06 08:07

1	Ms. Jennine Cota										
and any de said	Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
parameter as	Sample ID: WPB0702-01 (GP-1 -	Ground W	ater) - cont					Sampled: 02	/20/06 09	9:55	
		Giouna W	ater) - cont.					oumprour or			
1	VOCs by SW8260B - cont.	< 0.25		ug/L	0.25	0.83	.1	02/23/06 12:07	MAE	6020597	SW 8260B
-	1,2,4-Trichlorobenzene	< 0.23		ug/L	0.50	1.7	i	02/23/06 12:07	MAE	6020597	SW 8260B
į	1,1,1-Trichloroethane	<0.25		ug/L	0.30	0.83	1	02/23/06 12:07	MAE	6020597	SW 8260B
	1,1,2-Trichloroethane	0.32	J	ug/L	0.20	0.67	1	02/23/06 12:07	MAE	6020597	SW 8260B
)	Trichloroethene	<0.50	,	ug/L	0.50	1.7	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	<0.20		ug/L	0.20	0.67	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	< 0.50		ug/L	0.50	1.7	1	02/23/06 12:07	MAE	6020597	SW 8260B
	Xylenes, Total	101 %		ug L	0.50	***		02/25/00 12:07			
	Surr: Dibromofluoromethane (89-119%)	100 %					•				
1	Surr: Toluene-d8 (91-109%)	100 %									
	Surr: 4-Bromofluorobenzene (89-114%)										
	Sample ID: WPB0702-02 (GP-2 - VOCs by SW8260B	Ground W	ater)					Sampled: 02	/20/06 12	2:10	
	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	
	Chlorodibromomethane	< 0.20		ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B
	Chioroethane	<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.	
	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
٠	Dichlorodifluoromethane	< 0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597	SW 8260B
	1,1-Dichioroethane	< 0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597	SW 8260B SW 8260B
	1,2-Dichloroethane	< 0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597	
	1,1-Dichloroethene	< 0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597	SW 8260B SW 8260B
•	cis-1,2-Dichloroethene	< 0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597 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		02/23/06 11:39	MAE	6020597	SW 8260B
	2,2-Dichloropropane	< 0.50		ug/L	0.50	1.7 1.7	1	02/23/06 11:39 02/23/06 11:39	MAE	6020597	SW 8260B
	1,1-Dichloropropene	<0.50		ug/L	0.50	0.67	I	02/23/06 11:39	MAE	6020597	SW 8260B
	cis-1,3-Dichloropropene	< 0.20		ug/L ug/L	0.20	0.67	1	02/23/06 11:39	MAE	6020597	SW 8260B
	trans-1,3-Dichloropropene	<0.20 <0.50		ug/L	0.50	1.7	1.	02/23/06 11:39	MAE	6020597	SW 8260B
	Isopropyl Ether	40.50		ug/L	0.30	1,/	1 .	J2125100 11.39	141111	3020371	311 02000

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: Project:

WPB0702

OHM Elm Grove, WI Project Number: WI001124.0001

Received: 02/21/06

Reported: 02/24/06 08:07

	Analyte	Sample	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
	•			011110		204		Sampled: 02			
	Sample ID: WPB0702-02 (GP-2 - VOCs by SW8260B - cont.	Ground W	ater) - cont.					Sampled: 02	2/20/00 12	2:10	
	Ethylbenzene	< 0.50		ug/L	0.50	1.7	1	02/23/06 11:39	MAE	6020597	SW 8260B
1	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-lsopropyltoluene	< 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
ŀ	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
Ì.	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	1,1,2-Trichloroethane	< 0.25		ug/L	0.25	0.83	1	02/23/06 11:39	MAE	6020597	SW 8260B
٠	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
1.	Surr: Dibromofluoromethane (89-119%)	101 %									
	Surr: Toluene-d8 (91-109%)	100 %									
1	Surr: 4-Bromofluorobenzene (89-114%)	102 %									
	Sample ID: WPB0702-03 (Trip B	lank - Grou	ind Water)					Sampled: 02	2/20/06		
	VOCs by SW8260B								1445	********	0111 00 COD
	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
٠,	Bromochloromethane	< 0.50		ug/L .	0.50	1.7	1	02/23/06 10:42		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		6020597	SW 8260B
	n-Butylbenzene	< 0.20		ug/L	0.20	0.67	1	02/23/06 10:42		6020597	SW 8260B
	sec-Butylbenzene	< 0.25		ug/L	0.25	0.83	1	02/23/06 10:42		6020597	SW 8260B
	tert-Butylbenzene	<0.20		ug/L	0.20	0.67	1	02/23/06 10:42		6020597	SW 8260B SW 8260B
	Carbon Tetrachloride	< 0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	
	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		6020597	SW 8260B
, '	Chloroethane	<1.0		ug/L	1.0	3.3	1	02/23/06 10:42		6020597	SW 8260B
	Chloroform	< 0.20		ug/L	0.20	0.67	1	02/23/06 10:42		6020597	SW 8260B SW 8260B
٠	Chloromethane	< 0.20		ug/L	0.20	0.67	1	02/23/06 10:42		6020597 6020597	SW 8260B
	2-Chlorotoluene	< 0.50		ug/L	0.50	1.7	1	02/23/06 10:42 02/23/06 10:42		6020597	SW 8260B
	4-Chlorotoluene	< 0.20		ug/L	0.20	0.67	1			6020597	SW 8260B
	1,2-Dibromo-3-chloropropane	< 0.50		ug/L	0.50	1.7 0.67	1	02/23/06 10:42 02/23/06 10:42		6020597	SW 8260B
	1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20					6020597	SW 8260B
	Dibromomethane	<0.20		ug/L	0.20	0.67	1 1	02/23/06 10:42 02/23/06 10:42		6020597	SW 8260B
	1,2-Dichlorobenzene	< 0.20		ug/L ug/L	0.20	0.67	1	02/23/06 10:42		6020597	SW 8260B
	1,3-Dichlorobenzene	<0.20		ug/L	0.20	0.67		ULI 25100 10.42	1,00	3020371	31. 02000

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

Received: 02/21/06

Project: OHM Elm Grove, WI

Reported: 02/24/06 08:07

Project Number: WI001124.0001

Analyta	Sample	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/	Mother
Analyte		-		MDL	LUQ	ractor		Analyst	Batch	Method
Sample ID: WPB0702-03 (Trip B	lank - Grou	und Water) -	cont.				Sampled: 02	2/20/06		
VOCs by SW8260B - cont.										
1,4-Dichlorobenzene	< 0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 82601
Dichlorodifluoromethane	< 0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 82601
1,1-Dichloroethane	< 0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 82601
1,2-Dichloroethane	< 0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 82601
1,1-Dichloroethene	< 0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260
cis-1,2-Dichloroethene	< 0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260
trans-1,2-Dichloroethene	< 0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260
1,2-Dichloropropane	< 0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260
1,3-Dichloropropane	< 0.25		ug/L	0.25	0.83	1	02/23/06 10:42	MAE	6020597	SW 82601
2,2-Dichloropropane	< 0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260
1,1-Dichloropropene	< 0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 82601
cis-1,3-Dichloropropene	< 0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260
trans-1,3-Dichloropropene	< 0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260
Isopropyl Ether	< 0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260
Ethylbenzene	< 0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260
Hexachlorobutadiene	< 0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260
lsopropylbenzene	< 0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260
p-Isopropyitoluene	< 0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260
Methylene Chloride	<1.0		ug/L	1.0	3.3	1	02/23/06 10:42	MAE	6020597	SW 8260
Methyl tert-Butyl Ether	< 0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260
Naphthalene	< 0.25		ug/L	0.25	0.83	1	02/23/06 10:42	MAE	6020597	SW 8260
n-Propylbenzene	< 0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260
Styrene	< 0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260
1,1,1,2-Tetrachloroethane	< 0.25		ug/L	0.25	0.83	1	02/23/06 10:42	MAE	6020597	SW 8260
1,1,2,2-Tetrachloroethane	< 0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260
Tetrachloroethene	< 0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260
Toluene	< 0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260
1,2,3-Trichlorobenzene	< 0.25		ug/L	0.25	0.83	1	02/23/06 10:42	MAE	6020597	SW 8260
1,2,4-Trichlorobenzene	< 0.25		ug/L	0.25	0.83	1	02/23/06 10:42	MAE	6020597	SW 8260
1,1,1-Trichloroethane	< 0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260
1,1,2-Trichloroethane	< 0.25		ug/L	0.25	0.83	1	02/23/06 10:42	MAE	6020597	SW 8260
Trichloroethene	< 0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260
Trichlorofluoromethane	< 0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260
1,2,3-Trichloropropane	< 0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260
1,2,4-Trimethylbenzene	< 0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260
1,3,5-Trimethylbenzene	< 0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260
Vinyl chloride	< 0.20		ug/L	0.20	0.67	1	02/23/06 10:42	MAE	6020597	SW 8260
Xylenes, Total	< 0.50		ug/L	0.50	1.7	1	02/23/06 10:42	MAE	6020597	SW 8260
Surr: Dibromofluoromethane (89-119%)	102 %		~B/~	0.50	1.7		02/23/00 10.42	WILL	0020397	3 W 02001
Surr: Toluene-d8 (91-109%)	99 %									
Surr: 4-Bromofluorobenzene (89-114%)	100%									

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

Received: 02/21/06

Project:

OHM Elm Grove, WI Project Number: WI001124.0001

Reported: 02/24/06 08:07

LABORATORY BLANK QC DATA

		Seq/	Source	Spike					Dup	%		% REC		RPD		
L	Analyte	Batch	Result	Level	Units	MDL	MRL	Result	Result	REC	%REC	Limits	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								
٠	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								
ì	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	1,1-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								
i	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								
٠	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								

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

Received: 02/21/06

Project:

OHM Elm Grove, WI

Reported: 02/24/06 08:07

Project Number: WI001124.0001

LABORATORY BLANK QC DATA

	Seq/	Source	Spike					Dup	%	Dup	% REC		RPD	
Analyte	Batch	Result	Level	Units	MDL	MRL	Result	Result	REC	%REC	Limits	RPD	Limit	Q
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			

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

Work Order:

WPB0702

Received: 02/21/06

Reported: 02/24/06 08:07

Project: OHM Elm Grove, WI Project Number: WI001124.0001

CCV QC DATA

	Seq/	Source Spike					Dup	% Dup	% REC	RPD	
Analyte	Batch	Result Level	Units	MDL	MRL	Result		REC %REC			Q
VOCs by SW8260B			0 11110								~
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	٠	
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		

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

Work Order:

WPB0702

Received: 02/21/06

Project:

OHM Elm Grove, WI Project Number: WI001124.0001

Reported: 02/24/06 08:07

CCV QC DATA

	Seq/	Source Spike					Dup	%	Dup % RI		RPD	
Analyte	Batch	Result Level	Units	MDL	MRL	Result	Result	REC	%REC Limi	ts RPD	Limit	Q
VOCs by SW8260B												
1,1,1,2-Tetrachloroethane	6B23002	50.0	ug/L	N/A	N/A	46.4		93	80-12	0		
1,1,2,2-Tetrachloroethane	6B23002	50.0	ug/L	N/A	N/A	45.0		90	80-12	0		
Tetrachloroethene	6B23002	50.0	ug/L	. N/A	N/A	47.5		95	80-12	0		
Toluene	6B23002	50.0	ug/L	N/A	N/A	46.2		92	80-12	0		
1,2,3-Trichlorobenzene	6B23002	50.0	ug/L	N/A	N/A	42.8		86	80-12	0		
1,2,4-Trichlorobenzene	6B23002	50.0	ug/L	N/A	N/A	44.9		90	80-12	0		
1,1,1-Trichloroethane	6B23002	50.0	ug/L	N/A	N/A	48.5		97	80-12	0		
1,1,2-Trichloroethane	6B23002	50.0	ug/L	N/A	N/A	46.2		92	80-12	0		
Trichloroethene	6B23002	50.0	ug/L	N/A	N/A	48.0		96	80-12	0		
Trichlorofluoromethane	6B23002	50.0	ug/L	N/A	N/A	51.2		102	80-12	0		
1,2,3-Trichloropropane	6B23002	50.0	ug/L	N/A	N/A	45.6		91	80-12	0		
1,2,4-Trimethylbenzene	6B23002	50.0	ug/L	N/A	N/A	46.8		94	80-12	0		
1,3,5-Trimethylbenzene	6B23002	50.0	ug/L	N/A	N/A	46.6		93	80-12)		
Vinyl chloride	6B23002	50.0	ug/L	N/A	N/A	49.9		100	80-12	0		
Xylenes, Total	6B23002	150	ug/L	N/A	N/A	137		91	80-12)		
Surrogate: Dibromofluoromethane	6B23002		ug/L					102	80-12	0		
Surrogate: Toluene-d8	6B23002		ug/L					99	80-12)		
Surrogate: 4-Bromofluorobenzene	6B23002		ug/L					99	80-12	9		

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Ms. Jennine Cota

Work Order:

WPB0702

Received: 02/21/06

Project: Project Number: WI001124.0001

OHM Elm Grove, WI

Reported: 02/24/06 08:07

MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

		Seq/	Source	Spike					Dup	%	Dup	% REC		RPD	
	Analyte	Batch	Result		Units	MDL	MRL	Result	Result			Limits	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	
٠,	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	
٠	Dichlorodifluoromethane	6020597	< 0.50	50.0	ug/L	0.50	1.7	57.6	55.2	115	110	70-130	4	20	
٠	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	
٠	p-Isopropyltoluene	6020597	< 0.20	50.0	ug/L	0.20	0.67	50.0	47.0	100	94	70-130	6	20	
٠.	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	

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

OHM Elm Grove, WI

Received: 02/21/06

Project: Project Number: WI001124.0001 Reported: 02/24/06 08:07

MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

		Seq/	Source	Spike					Dup	%	Dup	% REC		RPD	
	Analyte	Batch	Result	Level	Units	MDL	MRL	Result	Result	REC	%REC	Limits	RPD	Limit	Q
	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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ARCADIS - MILWAUKEE 126 N Jefferson Street Suite 400 Milwaukee, WI 53202 Ms. Jennine Cota

Work Order:

WPB0702

Received: 02/21/06

Project:

OHM Elm Grove, WI

Reported: 02/24/06 08:07

Project Number: WI001124.0001

CERTIFICATION SUMMARY

TestAmerica Analytical - Watertown

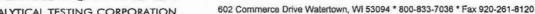
Method	Matrix	Nelac	Wisconsin	
SW 8260B	Water - NonPotable	X	X	**********

DATA QUALIFIERS AND DEFINITIONS

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

ARCADIS Laboratory Task Order No./P.O. No.							CHAIN-OF-CUSTODY RECORD Page 1 of						
Project Number/Name _ U	T0011	24.0001	OHMA	Elm Grow	,		ANALYSIS	/ METHO	D / SIZE			0	
Project Location Elw					18						16	180	富力
Laboratory Test	Ami	10		/-	33	/3	/	/					
Project Manager	nnine	Cota		- /3	33/	£ /				/			
Sampler(s)/Affiliation	PC	AREADIS		/ 13	2 8 3								
Sample ID/Location	Matrix	Date/Fime Sampled	Tomo Lab ID	1000 / 10	7/12						Remarks		Total
6P-1	L	2/20/06	0955	_									3
GP-Z	L	2120106	1210	3									3
trip blank	L			1									1
temp blank	L		_		-[1
						-		-					
									-				
							-	-					
								-					
								-					
							<u> </u>	-					
													-
								-					
Sample Matrix: L = Liquid	d; S =	Solid; A =	: Air			1				1	Total No. o	of Bottles/ Containers	8
Relinquished by:	Bus	color	Organiz Organiz	ation:	ARCAK Tes2	Hara			21/06		1050	Seal Ir	
Relinquished by:	Atte		Organiz Organiz	Name .	7111 4		D	tate $\frac{2}{2}$	21,00	Time	428	_ Seal Ir _ Yes N	ntact? lo N/A
Special Instructions/Remarks:	an 1	comment	s +6	Tenni	ne (sta u) ARC	A015	e (414)	276-	7742.	NI	12,100
Delivery Method:	In Pers	on 🗆	Commo	on Carrie	r	SPECIFY		XLab C	ourier	□Oth	ner	SPECIFY	AG 05-12/01





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

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

Received: 02/21/06

OHM Elm Grove, WI Project:

Reported: 03/02/06 10:36

Project Number: WI001124.0001

ANALYTICAL REPORT

	Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analys	Seq/ t Batch	Method
	Sample ID: WPB0703-01 (GP-1 2-4'	- Solid/So	oil)				Sampled: 02	2/20/06 1	1:45	
ĺ	General Chemistry Parameters	· ·.	,							
	% Solids	91		%	NA	r .	02/22/06 23:59	ecl	6020585	SW 5035
1	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
1	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
1	n-Butylbenzene	<28		ug/kg dry	25	1	02/28/06 15:44	ABA	6020703	SW 8260B
i	sec-Butylbenzene	<28		ug/kg dry	25	1	02/28/06 15:44	ABA	6020703	SW 8260B
1	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
į.	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
ŀ	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
i	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 6020703	SW 8260B SW 8260B
,	1,2-Dichloroethane	<28		ug/kg dry	25	1	02/28/06 15:44	ABA		SW 8260B
÷	1,1-Dichloroethene	<28		ug/kg dry	25	1	02/28/06 15:44	ABA		SW 8260B
	cis-1,2-Dichloroethene	370		ug/kg dry	25	1 1	02/28/06 15:44 02/28/06 15:44	ABA ABA	6020703 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 25	1	02/28/06 15:44	ABA	6020703	SW 8260B
	2,2-Dichloropropane	<28 <28		ug/kg dry	25	1	02/28/06 15:44	ABA	6020703	SW 8260B
	1,1-Dichloropropene	<28 <28		ug/kg dry ug/kg dry	25	1	02/28/06 15:44	ABA	6020703	SW 8260B
	cis-1,3-Dichloropropene	<28		ug/kg dry	25	i	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 ug/kg dry	25	1	02/28/06 15:44	ABA	6020703	SW 8260B
	Isopropyl Ether				25	1	02/28/06 15:44	ABA	6020703	SW 8260B
	Ethylbenzene Hexachlorobutadiene	<28 <39		ug/kg dry ug/kg dry	35	1	02/28/06 15:44	ABA	6020703	SW 8260B
	Isopropylbenzene	<28		ug/kg dry	25	i	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	i	02/28/06 15:44	ABA	6020703	SW 8260B
1	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

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: Project: WPB0703 OHM Elm Grove, WI Received: 02/21/06

Project Number: WI001124.0001

Reported: 03/02/06 10:36

des agravas un una respensa	Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analys	Seq/ t Batch	Method
ŧ	Sample ID: WPB0703-01 (GP-1 2-4	t' - Solid/So	oil) - cont.			A	Sampled: 0	2/20/06 1	1:45	
ī	VOCs by SW8260B - cont.		,				•			
	1,1,2,2-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
ť	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
Part of	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 %		29 "6 0.)	00					
;	Surr: Dibromofluoromethane (82-112%)	94%								
1	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 8-1	10' - Solid/S	Soil)				Sampled: 0	2/20/06 1	2:00	
,	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
1	Bromobenzene	<27		ug/kg dry	25	1	02/28/06 16:14	ABA	6020703	SW 8260B
1	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
	Bromoform	<54		ug/kg dry	50	1	02/28/06 16:14	ABA	6020703	SW 8260B
7	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
	Chloroform	<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
٠	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
AND DESCRIPTION	1,2-Dibromo-3-chloropropane	<54		ug/kg dry	50	1	02/28/06 16:14	ABA	6020703	SW 8260B
8 4.000	1,2-Dibromoethane (EDB)	<27		ug/kg dry	25	I	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	1,3-Dichlorobenzene	<27		ug/kg dry	25	1	02/28/06 16:14	ABA	6020703	SW 8260B
1	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				1	02/28/06 16:14	ABA	6020703	SW 8260B

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

ARCADIS - MILWAUKEE 126 N Jefferson Street Suite 400 Milwaukee, WI 53202 Work Order: V Project: C

WPB0703 OHM Elm Grove, WI Received: 02/21/06 Reported: 03/02/06 10:36

Milwaukee, WI 53202 Ms. Jennine Cota Project Number: WI001124.0001

me 14 118		Sample	Data			Dilution	Date		Seq/	
- manual	Analyte	Result	Qualifiers	Units	MRL	Factor	Analyzed	Analys	Batch	Method
	Sample ID: WPB0703-02 (GP-2 8-1	10' - Solid/S	Soil) - cont.				Sampled:	02/20/06 1	2:00	
Miles	VOCs by SW8260B - cont.									
1	1.1-Dichloroethene	<27		ug/kg dry	25	1	02/28/06 16:14	ABA	6020703	SW 8260B
1	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
buyar	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
٠	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
1	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
1	p-Isopropyltoluene	<27		ug/kg dry	25	1 .	02/28/06 16:14	ABA	6020703	SW 8260B
Parlando.	Methylene Chloride	<54		ug/kg dry	50	1	02/28/06 16:14	ABA	6020703	SW 8260B
1	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-Propyibenzene	<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
١,	1,2,3-Trichlorobenzene	<27		ug/kg dry	25	1	02/28/06 16:14		6020703	SW 8260B
	1,2,4-Trichlorobenzene	<27		ug/kg dry	25	1	02/28/06 16:14	ABA	6020703	SW 8260B
4 1 44	1,1,1-Trichloroethane	<27		ug/kg dry	25	1	02/28/06 16:14	ABA	6020703	SW 8260B
1	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	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	i	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 %								
1		99 %								
	Surr: 4-Bromofluorobenzene (89-110%)	95 %								

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: Project: WPB0703 OHM Elm Grove, WI Received: 02/21/06

Reported: 03/02/06 10:36

Project Number: WI001124.0001

-	Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analys	Seq/ t Batch	Method
	Sample ID: WPB0703-03 (GP-3 2-4)	- Solid/So	oil)				Sampled: 02	2/20/06 1	4:20	
	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	I	02/28/06 16:44	ABA	6020703	SW 8260B
1	Bromobenzene	<27		ug/kg dry	25	1	02/28/06 16:44	ABA	6020703	SW 8260B
1	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
ŀ.	Bromomethane	<110		ug/kg dry	100	1	02/28/06 16:44	ABA	6020703	SW 8260B
į	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
1-	tert-Butylbenzene	<27		ug/kg dry	25	1	02/28/06 16:44	ABA	6020703	SW 8260B
1	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
Į	Chloroethane	<55		ug/kg dry	50	1	02/28/06 16:44	ABA	6020703	SW 8260B
١.	Chloroform	<27		ug/kg dry	25	1	02/28/06 16:44	ABA	6020703	SW 8260B
i	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
ì	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 6020703	SW 8260B SW 8260B
!	cis-1,2-Dichloroethene	<27		ug/kg dry	25	1	02/28/06 16:44	ABA	6020703	
ŀ	trans-1,2-Dichloroethene	<27		ug/kg dry	25	1	02/28/06 16:44	ABA ABA	6020703	SW 8260B SW 8260B
1	1,2-Dichloropropane	<27		ug/kg dry	25	1 1	02/28/06 16:44	ABA	6020703	SW 8260B
	1,3-Dichloropropane	<27		ug/kg dry	25	1	02/28/06 16:44 02/28/06 16:44	ABA	6020703	SW 8260B
	2,2-Dichloropropane	<27		ug/kg dry	25 25	1	02/28/06 16:44	ABA	6020703	SW 8260B
	1,1-Dichloropropene	<27		ug/kg dry	25 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 <27		ug/kg dry	25	1	02/28/06 16:44	ABA	6020703	SW 8260B
: -	2,3-Dichloropropene			ug/kg dry	25 25	1	02/28/06 16:44	ABA	6020703	SW 8260B
ŀ	Isopropyl Ether	<27		ug/kg dry		_			6020703	SW 8260B
í	Ethylbenzene	<27		ug/kg dry	25 35	. <u>1</u>	02/28/06 16:44 02/28/06 16:44	ABA ABA	6020703	SW 8260B
	Hexachlorobutadiene	<38 <27		ug/kg dry ug/kg dry	25	1	02/28/06 16:44	ABA	6020703	SW 8260B
*	Isopropylbenzene	<27		ug/kg dry ug/kg dry	25	. 1	02/28/06 16:44	ABA	6020703	SW 8260B
	. p-Isopropyltoluene	<55		ug/kg dry ug/kg dry	50	1	02/28/06 16:44	ABA	6020703	SW 8260B
٠	Methylane Chloride	<27		ug/kg dry ug/kg dry	25	1	02/28/06 16:44	ABA	6020703	SW 8260B
	Methyl tert-Butyl Ether	100		ug/kg dry ug/kg dry	50	1	02/28/06 16:44	ABA	6020703	SW 8260B
į.	Naphthalene n-Propylbenzene	<27		ug/kg dry	25	i	02/28/06 16:44	ABA	6020703	SW 8260B
1	Styrene	<27		ug/kg dry	25	i	02/28/06 16:44	ABA	6020703	SW 8260B
	I,1,1,2-Tetrachloroethane	<27		ug/kg dry	25	i	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
1	Tetrachloroethene	97000		ug/kg dry	25	50	03/01/06 14:50	LG	6030011	SW 8260B
				0 0 ,						

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 Work Order:

WPB0703

Received: 02/21/06

Milwaukee, WI 53202 Ms. Jennine Cota Project: OHM Elm Grove, WI Project Number: WI001124.0001 Reported: 03/02/06 10:36

	Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analys	Seq/ t Batch	Method
S	Sample ID: WPB0703-03 (GP-3 2-4)	- Solid/So	oil) - cont.				Sampled: 0	2/20/06 1	4:20	
	OCs 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
1	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
F.,	Xylenes, total	<93		ug/kg dry	85	. 1	02/28/06 16:44	ABA	6020703	SW 8260B
	Surr: Dibromofluoromethane (82-112%)	93 %		0 0 .						
	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/So	oil)				Sampled: 0	2/20/06 1	5:00	
	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	i	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
		<60	Ť	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	i	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
in.		<30		ug/kg dry	25	i	02/28/06 17:13	ABA	6020703	SW 8260B
5.4	4-Chlorotoluene 1,2-Dibromo-3-chloropropane	<60		ug/kg dry	50	1	02/28/06 17:13	ABA	6020703	SW 8260B
	1,2-Diffromoethane (EDB)	<30		ug/kg dry	25	1	02/28/06 17:13	ABA	6020703	SW 8260B
10.	Dibromomethane	<30		ug/kg dry	. 25	i	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	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	I	02/28/06 17:13	ABA	6020703	SW 8260B
	Dichloroditluoromethane	<60		ug/kg dry	50	1	02/28/06 17:13	ABA	6020703	SW 8260B
1.	1,1-Dichloroethane	<30		ug/kg dry	25	i	02/28/06 17:13	ABA	6020703	SW 8260B
	1,2-Dichloroethane	<30		ug/kg dry	25	i	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
· fer o	cis-1,2-Dichloroethene	<30		ug/kg dry	25	1 .	02/28/06 17:13	ABA	6020703	SW 8260B

Test/\me

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

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

Work Order: Project:

WPB0703 OHM Elm Grove, WI Received: 02/21/06 Reported: 03/02/06 10:36

Ms. Jennine Cota

Project Number: WI001124.0001

-		Sample	Data			Dilution	Date		Seq/	
and or other Park	Analyte	Result	Qualifiers	Units	MRL	Factor	Analyzed	Analys	t Batch	Method
	Sample 1D: WPB0703-04 (GP-4 4-	6' - Solid/So	oil) - cont.				Sampled:	02/20/06 1	5:00	
1	. OCs by SW8260B - cont.									
	rans-1,2-Dichloroethene	<30		ug/kg dry	25	I	02/28/06 17:13	ABA	6020703	SW 8260B
ļ	1,2-Dichloropropane	<30		ug/kg dry	25	1	02/28/06 17:13		6020703	SW 8260B
	1,3-Dichloropropane	<30		ug/kg dry	25	1	02/28/06 17:13		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
١	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
· (and of	2-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
1	Vaphthalene	<60		ug/kg dry	50	1	02/28/06 17:13	ABA	6020703	SW 8260B
	1-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
	1,1,2-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	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
	· Trichlorofluoromethane	<30		ug/kg dry	25	1	02/28/06 17:13	ABA	6020703	SW 8260B
à	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	1,3,5-Trimethylbenzene	<30		ug/kg dry	25	1	02/28/06 17:13	ABA	6020703	SW 8260B
1	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 %		-89						5 52552
	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 %								

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 Received: 02/21/06

Project: Project Number: WI001124.0001

OHM Elm Grove, WI

Reported: 03/02/06 10:36

	Sample	Data			Dilution	Date		Seq/	
Analyte	Result	Qualifiers	Units	MRL	Factor	Analyzed	Analys	t Batch	Method
Sample ID: WPB0703-05 (MeOF	H Blank - Mis	c. Liquid)				Sampled: 0	2/20/06		
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	<2.5		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-Bulylbenzene	<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	I	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	I	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	I	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
1,1,2,2-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

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

Received: 02/21/06

Project:

OHM Elm Grove, WI

Reported: 03/02/06 10:36

Project Number: WI001124.0001

	Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analys	Seq/ t Batch	Method
,	Sample ID: WPB0703-05 (MeOH B	lank - Mis	c. Liquid) - c	ont.			Sampled: 02	2/20/06		
1	VOCs by SW8260B - cont.									
ľ	1,2,4-Trichlorobenzene	<25		ug/kg wet	25	1	02/28/06 17:43	ABÀ	6020703	SW 8260B
1	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	I	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
į	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 %								
١.	Surr: 4-Bromofluorobenzene (89-110%)	95 %								



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

WPB0703 Work Order:

OHM Elm Grove, WI

Received: 02/21/06

Reported: 03/02/06 10:36

Project:

Project Number: WI001124.0001

LABORATORY BLANK QC DATA

	Amalasta	Seq/ Batch	Source		YInite	MDI	MDI	Dagult	Dup	% DEC		% REC Limits		RPD Limit	Q
	Analyte	Daten	Kesuit	Level	Units	MDL	MIKL	Resuit	Kesuit	KEÇ	70 KEC	Lillits	KrD	Limit	Ų
	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		35	<35						•	
	Bromodichloromethane	6020703			ug/kg wet		25	<25		•					
	Bromoform	6020703			ug/kg wet		25	<50							
	Bromomethane	6020703			ug/kg wet		100	<100							
	n-Butylbenzene	6020703			ug/kg wet		25	<25							
	sec-Butylbenzene	6020703			ug/kg wet		25	<25							
	tert-Butylbenzene	6020703			ug/kg wet	N/A	25	<25							
	Carbon Tetrachloride	6020703			ug/kg wet		25	<25							
	Chlorobenzene	6020703			ug/kg wet		25	<25							
	Chlorodibromomethane	6020703			ug/kg wet		25	<25							
	Chloroethane	6020703			ug/kg wet		50	<50							
	Chloroform	6020703			ug/kg wet		25	<25							
	Chloromethane	6020703			ug/kg wet		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						,	
٠,	1,3-Dichlorobenzene	6020703			ug/kg wet	N/A	. 25	<25							
•	1,4-Dichlorobenzene	6020703			ug/kg wet	N/A	25	<25							
	Dichloroditluoromethane	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		25	<25							
	1,2-Dichloropropane	6020703			ug/kg wet	N/A	25	<25							
	1,3-Dichloropropane	6020703			ug/kg wet		25	<25							
	2,2-Dichloropropane	6020703			ug/kg wet		25	<25							
	1,1-Dichloropropene	6020703			ug/kg wet		25	<25							
	cis-1,3-Dichloropropene	6020703			ug/kg wet		25	<25							
	trans-1,3-Dichloropropene	6020703			ug/kg wet		25	<25							
	2,3-Dichloropropene	6020703			ug/kg wet		25	<25							
•	Isopropyl Ether	6020703			ug/kg wet	N/A	25	<25			*				
	Ethylbenzene	6020703			ug/kg wet		25	<25							
	Hexachlorobutadiene	6020703			ug/kg wet		35 26	<35							
	Isopropylbenzene	6020703			ug/kg wet		25	<25							
•	p-Isopropyltoluene Mathylana Chlorida	6020703			ug/kg wet		25	<25							
	Methylene Chloride	6020703			ug/kg wet	N/A N/A	50 25	<50 <25							
	Methyl tert-Butyl Ether	6020703 6020703			ug/kg wet	N/A N/A	50	<50							
	Naphthalene n-Propylbenzene	6020703			ug/kg wet ug/kg wet		25	<25							
	ii-i topyrochizene	0020103			aging wel	IN/A	23	~43							



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

WPB0703 OHM Elm Grove, WI Received: 02/21/06

Reported: 03/02/06 10:36

Project: OHM Elm Grove Project Number: WI001124.0001

LABORATORY BLANK QC DATA

	Seq/	Source						Dup	%		% REC		RPD	
Analyte	Batch	Result	Level	Units	MDL	MRL	Result	Result	REC	%REC	Limits	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							
Surrogate: Dibromofluoromethane	6020703			ug/kg wet					91		82-112			
Surrogate: Toluene-d8	6020703			ug/kg we!					102		91-106			
Surrogate: 4-Bromofluorobenzene	6020703			ug/kg wet					93		89-1:10			
Benzene	6030011			ug/kg wet	N/A	25	<25							
Bromobenzene	6030011			ug/kg wet	N/A	25	<25							
Bromochloromethane	6030011			ug/kg wet		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		25	<25							
Chloroethane	6030011			ug/kg wet		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		50	<50							
4-Chlorotoluene	6030011			ug/kg wet		25	<25							
1,2-Dibromo-3-chloropropane	6030011			ug/kg wet		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		25	<30							
1,3-Dichlorobenzene	6030011			ug/kg wet		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

OHM Elm Grove, WI Project Number: WI001124.0001

Received: 02/21/06

Reported: 03/02/06 10:36

LABORATORY BLANK QC DATA

Project:

	Seq/	Source	Spike					Dup	%	Dup	% REC		RPD	
Analyte	Batch	Result	Level	Units	MDL	MRL	Result	Result	REC	%REC	Limits	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,I-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	603001/			ug/kg wet					87		82-112			
Surroguie: Toluene-d8	6030011			ug/kg wet					100		91-106			
Surrogate: 4-Bromofluorobenzene	603001/			ug/kg wet					92		89-110			
•														

ANALYTICAL TESTING CORPORATIO

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

Received: 02/21/06

Project: OF

OHM Elm Grove, WI

Reported: 03/02/06 10:36

Project Number: WI001124.0001

CCV QC DATA

	Seq/	Source Spike					Dup	%	Dup	% REC		RPD	
Analyte	Batch	Result Level	Units	MDL	MRL	Result					RPD	Limit	Q
VOCs by SW8260B	2		0										
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	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	2140		86		80-120			
Chloroethane	6B28004	2500	ug/kg wet		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	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	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			
I,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	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	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			

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

WPB0703

Received: 02/21/06

Project: OHM Elm Grove, WI Project Number: WI001124.0001 Reported: 03/02/06 10:36

CCV QC DATA

		Seq/	Source Spil	ce				Dup	%	Dup	% REC		RPD	
	Analyte	Batch	Result Lev		MDL	MRL	Result							Q
	VOCs by SW8260B						A 100 WIV			,				· v
	Styrene	6B28004	250	ug/kg wet	N/A	N/A	2610		104		80-120			
	1,1,1,2-Tetrachloroethane	6B28004	250			N/A	2470		99		80-120			
	1,1,2,2-Tetrachloroethane	6B28004	250	ug/kg wet	N/A	N/A	2550		102		80-120			
	Tetrachloroethene	6B28004	250	ug/kg wet	N/A	N/A	2510		100		80-120			
	Toluene	6B28004	250			N/A	2530		101		80-120			
	1,2,3-Trichlorobenzene	6B28004	250	ug/kg wet	N/A	N/A	2480		99		80-120			
	1,2,4-Trichlorobenzene	6B28004	250	ug/kg wet	N/A	N/A	2320		93		80-120			
	1,1,1-Trichloroethane	6B28004	250	ug/kg wet	N/A	N/A	2360		94		80-120			
	1,1,2-Trichloroethane	6B28004	250	ug/kg wet	N/A	N/A	2370		95		80-120			
	Trichloroethene	6B28004	250	ug/kg wet	N/A	N/A	2420		97		80-120			
	Trichlorofluoromethane	6B28004	250	ug/kg wet	N/A	N/A	2150		86		80-120			
	1,2,3-Trichloropropane	6B28004.	250			N/A	2140		86		80-120			
	1,2,4-Trimethylbenzene	6B28004	250	ug/kg wet	N/A	N/A	2380		95		80-120			
	1,3,5-Trimethylbenzene	6B28004	250	ug/kg wet	N/A	N/A	2420		97		80-120			
• :	Vinyl chloride	6B28004	250	ug/kg wet	N/A	N/A	2340		94		80-120			
	Xylenes, total	6B28004	750	ug/kg wet	N/A	N/A	7410		99		80-120			
	Surrogate: Dibromofluoromethane	6B28004		ug/kg wet					97		80-120			
	Surrogate: Toluene-d8	6B28004		ug/kg wet					102		80-120			
•	Surrogate: 4-Bromofluorobenzene	6B28004		ug/kg wet					100		80-120			
	Benzene	6C01008	250	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	0 0		N/A	2440		98		80-120			
	Bromoform	6C01008	2500		N/A	N/A	2290		92 .		80-120			
:	Bromomethane	6C01008	2500			N/A	2460		98		80-120			
	n-Butylbenzene	6C01008	2500	0 0		N/A	2490		100		80-120			
	sec-Butylbenzene	6C01008	2500	0 0		N/A	2500		100		80-120			
	tert-Butylbenzene	6C01008	2500	0 0		N/A	2430		97		80-120			
	Carbon Tetrachloride	6C01008	2500	0 0		N/A	2430		97		80-120			
٠	Chlorobenzene	6C01008	2500			N/A	2430		97		80-120			
	Chlorodibromomethane	6C01008	2500	0		N/A	2190		88		80-120			
•	Chlorocthane	6C01008	2500	0 0		N/A	2620		105		80-120			
	Chloroform	6C01008	2500	0 0		N/A	2390		96		80-120			
	Chloromethane	6C01008	2500	0 0		N/A	2320		93		80-120			
	2-Chlorotoluene	6C01008	2500	0 0		N/A	2580		103		80-120			
	4-Chlorotoluene	6C01008	2500	0 0		N/A	2260		90		80-120			
	1,2-Dibromo-3-chloropropane	6C01008	2500			N/A	2690		108		80-120			
	1,2-Dihromoethane (EDB)	6C01008	2500	0 0		N/A	2520		101		80-120			
3	Dibromomethane	6C01008	2500	0 0		N/A	2520		101		80-120			
	1,2-Dichlorobenzene	6C01008	2500	0 0		N/A	2380		95		80-120			
	1,3-Dichlorobenzene	6C01008	2500			N/A	2430		97		80-120			
	1,4-Dichlorobenzene Dichlorodifluoromethane	6C01008	2500 2500	0 0		N/A	2440		98		80-120			
		6C01008		0 0		N/A	2110		84		80-120			
	1,1-Dichloroethane	6C01008	2500	ug/kg wet	IN/A	N/A	2450		98		80-120			

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

Work Order: WPB0703

OHM Elm Grove, WI

Project: Project Number: WI001124.0001 Received: 02/21/06

Reported: 03/02/06 10:36

CCV QC DATA

1		Seq/	Source	Spike					Dup	%	Dup	% REC	RPD	
,	Analyte	Batch			Units	MDL	MRL	Result						Q
4.	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		
i	2,3-Dichloropropene	6C01008		2500	ug/kg wet	N/A	N/A	2590		104		80-120		
1	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		
į	Hexachlorobutadiene	6C01008		2500	ug/kg wet	N/A	N/A	2470		99		80-120		
ŧ.	Isopropyibenzene	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		
į.	1,2,3-Trichlorobenzene	6C01008			ug/kg wet	N/A	N/A	2500		100		80-120		
١.	1,2,4-Trichlorobenzene	6C01008			ug/kg wet	N/A	N/A	2340		94		80-120		
	1,1,1-Trichloroethane	6C01008			ug/kg wet	N/A	N/A	2390		96		80-120		
•	1,1,2-Trichloroethane	6C01008			ug/kg wet	N/A	N/A	2430		97		80-120		
	Trichloroethene	6C01008			ug/kg wet	N/A	N/A	2490		100		80-120		
	Trichlorofluoromethane	6C01008			ug/kg wet	N/A	N/A	2190		88		80-120		
	1,2,3-Trichloropropane	6C01008			ug/kg wet	N/A	N/A	2220		89		80-120		
	1,2,4-Trimethylbenzene	6C01008			ug/kg wet	N/A	N/A	2410		96		80-120		
	1,3,5-Trimethylbenzene	6C01008			ug/kg wet	N/A	N/A	2410		96		80-120		
	Vinyl chloride	6C01008			ug/kg wet	N/A	N/A	2360		94		80-120		
,	.Xylenes, total	6C01008			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

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Received: 02/21/06

Project: OHM Elm Grove, WI Project Number: WI001124.0001 Reported: 03/02/06 10:36

LABORATORY DUPLICATE QC DATA

	Seq/	Source Spike					% Dup % REC	RPD	
Analyte	Batch	Result Level	Units	MDL	MRL	Result	REC %REC Limits RPI) 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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ARCADIS - MILWAUKEE 126 N Jefferson Street Suite 400 Milwaukee, WI 53202 Ms. Jennine Cota

Work Order:

WPB0703

Received: 02/21/06

Project:

OHM Elm Grove, WI

Reported: 03/02/06 10:36

Project Number: WI001124.0001

LCS/LCS DUPLICATE QC DATA

Name			Seq/	Source Spike					Dup	%	Dup	% REC		RPD	
Bername		Analyte	_			MDL	MRL	Result							0
Benzene 6020703 2500 ug/kg wet N/A N/A 2540 2510 ug/kg wet N/A N/A 2540 2510 ug/kg wet N/A N/A 2540 2580 94 95 70-130 3 20 20 20 20 20 20 2		*	2 - 2 - 2 - 2										-1		
Bromochiczene			6020703	2500	ug/kg wet	N/A	N/A	2540	2610	102	104	64-124	3	29	
Bromodichloromethane			6020703	2500			N/A	2360	2380	94	95	70-130	1	20	
Brimmoform		Bromochloromethane	6020703	2500	ug/kg wet	N/A	N/A	2210	2270	88	91	70-130	3	20	
Bromomethane		Bromodichloromethane	6020703	2500	ug/kg wet	N/A	N/A	2360	2350	94	94	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 cetter-Butylbenzene 6020703 2500 ug/kg wet N/A N/A 2410 2350 96 94 70-130 3 20 cetter-Butylbenzene 6020703 2500 ug/kg wet N/A N/A 2410 2350 96 97 70-130 3 20 cetter-Butylbenzene 6020703 2500 ug/kg wet N/A N/A 2400 2420 96 97 70-130 1 20 cetter-Butylbenzene 6020703 2500 ug/kg wet N/A N/A 2400 2420 96 97 70-130 1 1 20 cetter-Butylbenzene 6020703 2500 ug/kg wet N/A N/A 2470 2470 250 250 250 250 ug/kg wet N/A N/A 2470 2720 111 109 70-130 1 2 20 cetter-Butylbenzene 6020703 2500 ug/kg wet N/A N/A 2470 2720 111 109 70-130 7 20 cetter-Butylbenzene 6020703 2500 ug/kg wet N/A N/A 2470 2509 108 108 70-130 7 20 cetter-Butylbenzene 6020703 2500 ug/kg wet N/A N/A 2530 2509 108 108 70-130 7 20 cetter-Butylbenzene 6020703 2500 ug/kg wet N/A N/A 2530 2520 101 101 70-130 0 20 cetter-Butylbenzene 6020703 2500 ug/kg wet N/A N/A 2530 2520 101 101 70-130 0 20 cetter-Butylbenzene 6020703 2500 ug/kg wet N/A N/A 2530 2520 101 101 70-130 0 20 cetter-Butylbenzene 6020703 2500 ug/kg wet N/A N/A 2530 2520 101 101 70-130 17 20 cetter-Butylbenzene 6020703 2500 ug/kg wet N/A N/A 2530 2520 101 100 84 70-130 17 20 cetter-Butylbenzene 6020703 2500 ug/kg wet N/A N/A 2530 250 107 70-130 17 20 cetter-Butylbenzene 6020703 2500 ug/kg wet N/A N/A 2530 250 107 70-130 12 20 cetter-Butylbenzene 6020703 2500 ug/kg wet N/A N/A 2530 250 99 90 107 70-130 12 20 cetter-Butylbenzene 6020703 2500 ug/kg wet N/A N/A 250 250 99 90 70-130 2 2 20 cetter-Butylbenzene 6020703 2500 ug/kg wet N/A N/A 250 250 99 97 104 70-130 1 2 2 20 cetter-Butylbenzene 6020703 2500 ug/kg wet N/A N/A 250 250 99 97 104 70-130 1 2 20 cetter-Butylbenzene 6020703 2500 ug/kg wet N/A N/A 250 250 99 97 104 70-130 1 2 20 cetter-Butylbenzene 6020703 2500 ug/kg wet N/A N/A 250 250 99 97 104 70-130 1 2 20 cetter-Butylbenzene 6020703 2500 ug/kg wet N/A N/A 250 250 99 97 104 70-130 1 2 20 cetter-Butylbenzene 6020703 2500 ug/kg wet N/A N/A 250 250 99 97		Bromoform	6020703	2500			N/A	2130	2260	. 85	90	70-130	6	20	
See-Butylbenzene		Bromomethane	6020703	2500	ug/kg wet	N/A	N/A	2600	2590	104	104	70-130	0	20	
Sec-Bulylbenzene 6020703 2500 ug/kg wet N/A N/A 2450 2380 98 95 70-130 3 20		n-Butylbenzene	6020703	2500	ug/kg wet	N/A	N/A	2420	2360	97	94	70-130	3	20	
Ent-Buylbenzene		•	6020703	2500	ug/kg wet	N/A	N/A	2450	2380	98	95	70-130	3	20	
Chlorobenzene		•	6020703	2500	ug/kg wet	N/A	N/A	2410	2350	96	94	70-130	3	20	
Chlorodibromomethane 6020703 2500 ug/kg wet N/A N/A 2160 2190 86 88 70-130 1 20 20 Chlorochtane 6020703 2500 ug/kg wet N/A N/A 2770 2720 1111 109 70-130 2 20 20 Chloroform 6020703 2500 ug/kg wet N/A N/A 2780 2560 95 102 70-130 7 20 20 22 22 23 23 23 23		Carbon Tetrachloride	6020703	2500	ug/kg wet	N/A	N/A	2400	2420	96	97	70-130	1	20	
Chlorosthane 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 27380 2500 198 108 70-130 0 20 20 20 20 20 20 20 20 20 20 20 20		Chlorobenzene	6020703	2500	ug/kg wet	N/A	N/A	2390	2370	96	95	80-123	1	17	
Chloroform		- Chlorodibromomethane	6020703	2500	ug/kg wet	N/A	N/A	2160	2190	86	88	70-130	1	20	
Chloromethane		Chloroethane	6020703	2500	ug/kg wet	N/A	N/A	2770	2720	111	109	70-130	2	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-Dibromoethane (EDB) 6020703 2500 ug/kg wet N/A N/A 250 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-Diblorobenzene 6020703 2500 ug/kg wet N/A N/A 2370 2670 95 107 70-130 12 20 1,3-Dichlorobenzene 6020703 2500 ug/kg wet N/A N/A 2370 2870 95 107 70-130 2 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 1,1-Dichlorothane 6020703 2500 ug/kg wet N/A N/A 2350 2310 94 92 70-130 2 20 1,1-Dichlorothane 6020703 2500 ug/kg wet N/A N/A 2420 2590 97 104 70-130 7 20 1,1-Dichlorothane 6020703 2500 ug/kg wet N/A N/A 2420 2590 97 104 70-130 7 20 1,1-Dichlorothane 6020703 2500 ug/kg wet N/A N/A 2420 2590 97 104 70-130 7 20 1,1-Dichlorothane 6020703 2500 ug/kg wet N/A N/A 2420 2590 97 104 70-130 12 20 1,1-Dichlorothane 6020703 2500 ug/kg wet N/A N/A 2380 2460 95 98 43-141 3 44 cis-1,2-Dichlorothene 6020703 2500 ug/kg wet N/A N/A 2380 2460 95 98 43-141 3 44 cis-1,2-Dichlorothene 6020703 2500 ug/kg wet N/A N/A 2420 2490 97 100 70-130 6 20 1,2-Dichloropropane 6020703 2500 ug/kg wet N/A N/A 2420 2490 97 100 70-130 5 20 1,2-Dichloropropane 6020703 2500 ug/kg wet N/A N/A 2420 2490 97 100 70-130 6 20 1,2-Dichloropropane 6020703 2500 ug/kg wet N/A N/A 2420 2490 97 100 70-130 6 20 1,2-Dichloropropane 6020703 2500 ug/kg wet N/A N/A 2420 2490 97 100 70-130 6 20 1,2-Dichloropropane 6020703 2500 ug/kg wet N/A N/A 2420 2490 97 100 70-130 6 20 1,2-Dichloropropane 6020703 2500 ug/kg wet N/A N/A 2420 2490 97 100 70-130 1 20 1,1-Dichloropropene 6020703 2500 ug/kg wet N/A N/A 2420 2490 97 100 70-130 0 20 1,1-Dichloropropene 6020703 2500 ug/kg wet N/A N/A 2420 2490 97 100 70-130 0 20 1,1-Dichloropropene 6020703 2500 ug/kg wet N/A N/A 2420 2490		Chloroform	6020703	2500	ug/kg wet	N/A	N/A	2380	2560	95	102	70-130	7	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 2350 2560 94 102 70-130 17 20 1,2-Dibromoethane (EDB) 6020703 2500 ug/kg wet N/A N/A 2350 2560 94 102 70-130 19 20 1,2-Dichlorobenzene 6020703 2500 ug/kg wet N/A N/A 2370 2670 95 107 70-130 12 20 1,3-Dichlorobenzene 6020703 2500 ug/kg wet N/A N/A 2370 2670 95 107 70-130 12 20 1,3-Dichlorobenzene 6020703 2500 ug/kg wet N/A N/A 2370 2670 95 107 70-130 12 20 1,3-Dichlorobenzene 6020703 2500 ug/kg wet N/A N/A 2370 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 1,4-Dichlorobenzene 6020703 2500 ug/kg wet N/A N/A 2350 2310 94 92 70-130 1 2 20 1,1-Dichloroethane 6020703 2500 ug/kg wet N/A N/A 2380 2820 111 113 70-130 1 20 1,1-Dichloroethane 6020703 2500 ug/kg wet N/A N/A 2180 2820 111 113 70-130 1 20 1,1-Dichloroethane 6020703 2500 ug/kg wet N/A N/A 2180 2820 111 113 70-130 1 20 1,1-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 2180 2450 87 98 70-130 12 20 1,1-Dichloroethene 6020703 2500 ug/kg wet N/A N/A 2180 2450 87 98 43-141 3 44 03-1,1-Dichloropropane 6020703 2500 ug/kg wet N/A N/A 2420 2490 97 100 70-130 6 20 1,2-Dichloropropane 6020703 2500 ug/kg wet N/A N/A 2420 2490 97 100 70-130 6 20 1,3-Dichloropropane 6020703 2500 ug/kg wet N/A N/A 2420 2490 97 100 70-130 6 20 1,3-Dichloropropane 6020703 2500 ug/kg wet N/A N/A 2420 2490 97 100 70-130 6 20 1,3-Dichloropropane 6020703 2500 ug/kg wet N/A N/A 2420 2490 97 100 70-130 6 20 1,3-Dichloropropane 6020703 2500 ug/kg wet N/A N/A 2420 2490 97 100 70-130 1 20 1 20 1,3-Dichloropropane 6020703 2500 ug/kg wet N/A N/A 2420 2490 97 100 70-130 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1		Chloromethane	6020703	2500	ug/kg wet	N/A	N/A	2700	2690	108	108	70-130	0	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 6020703 2500 ug/kg wet N/A N/A 2350 2560 94 102 70-130 12 20 1,2-Dichlorobenzene 6020703 2500 ug/kg wet N/A N/A 2370 2370 2370 70-130 12 20 1,3-Dichlorobenzene 6020703 2500 ug/kg wet N/A N/A 2340 2280 94 91 70-130 3 20 1,4-Dichlorobenzene 6020703 2500 ug/kg wet N/A N/A 2370 2320 95 93 70-130 2 20 1,4-Dichloroethane 6020703 2500 ug/kg wet N/A N/A 2350 2310 94 92 70-130 2 20 1,1-Dichloroethane 6020703 2500 ug/kg wet N/A N/A 2380 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 1,1-Dichloroethane 6020703 2500 ug/kg wet N/A N/A 2480 2450 87 98 70-130 12 20 1,1-Dichloroethene 6020703 2500 ug/kg wet N/A N/A 2480 2450 87 98 70-130 12 20 1,1-Dichloroethene 6020703 2500 ug/kg wet N/A N/A 2480 2450 87 98 70-130 12 20 1,1-Dichloroethene 6020703 2500 ug/kg wet N/A N/A 2480 2450 87 98 70-130 12 20 1,1-Dichloroethene 6020703 2500 ug/kg wet N/A N/A 2480 2460 95 98 43-141 3 44 cis-1,2-Dichloroethene 6020703 2500 ug/kg wet N/A N/A 2420 2490 97 100 70-130 6 20 1,2-Dichloropropane 6020703 2500 ug/kg wet N/A N/A 2420 2490 97 100 70-130 6 20 1,1-Dichloropropane 6020703 2500 ug/kg wet N/A N/A 2420 2490 97 100 70-130 6 20 1,1-Dichloropropane 6020703 2500 ug/kg wet N/A N/A 2420 2490 97 100 70-130 2 20 1,1-Dichloropropane 6020703 2500 ug/kg wet N/A N/A 2420 2490 97 100 70-130 2 20 1,1-Dichloropropene 6020703 2500 ug/kg wet N/A N/A 2480 2400 100 96 70-130 2 20 1,1-Dichloropropene 6020703 2500 ug/kg wet N/A N/A 2480 2400 99 96 70-130 2 20 1,1-Dich		2-Chlorotoluene	6020703	2500	ug/kg wet	N/A	N/A	2530	2520	101	101	70-130	0	20	
1,2-Dibromoethane (EDB) 6020703 2500 ug/kg wet N/A N/A 2350 2560 94 102 70-130 9 20		4-Chlorotoluene	6020703	2500	ug/kg wet	N/A	N/A	2510	2110	100	84	70-130	17	20	
Dibromomethane 6020703 2500 ug/kg wet N/A N/A 2370 2670 95 107 70-130 12 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-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 2370 2320 95 93 70-130 2 20 1,4-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 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 44 45:-1,2-Dichloroethene 6020703 2500 ug/kg wet N/A N/A 2570 2720 103 109 70-130 6 20 1,2-Dichloropropane 6020703 2500 ug/kg wet N/A N/A 2420 2490 97 100 70-130 5 20 1,3-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 2440 2400 2400 90 67 70-130 3 20 1,1-Dichloropropane 6020703 2500 ug/kg wet N/A N/A 2480 2400 100 96 70-130 4 20 1,1-Dichloropropane 6020703 2500 ug/kg wet N/A N/A 2480 2540 99 102 70-130 2 20 1,1-Dichloropropene 6020703 2500 ug/kg wet N/A N/A 2480 2540 99 102 70-130 2 20 1,1-Dichloropropene 6020703 2500 ug/kg wet N/A N/A 2480 2540 99 102 70-130 2 20 1,1-Dichloropropene 6020703 2500 ug/kg wet N/A N/A 2480 2540 99 102 70-130 2 20 1,1-Dichloropropene 6020703 2500 ug/kg wet N/A N/A 2490 2400 100 96 70-130 1 20 1,1-Dichloropropene 6020703 2500 ug/kg wet N/A N/A 2490 2400 100 96 70-130 2 20 1,1-Dichloropropene 6020703 2500 ug/kg wet N/A N/A 2490 2400 100 96 70-130		1,2-Dibromoethane (EDB)	6020703	2500	ug/kg wet	N/A	N/A	2350	2560	94	102	70-130	9	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 1,1-Dichloroethane 6020703 2500 ug/kg wet N/A N/A 2420 2590 97 104 70-130 1 20 1,1-Dichloroethane 6020703 2500 ug/kg wet N/A N/A 2420 2590 97 104 70-130 1 20 1,1-Dichloroethane 6020703 2500 ug/kg wet N/A N/A 2480 2590 97 104 70-130 7 20 1,1-Dichloroethene 6020703 2500 ug/kg wet N/A N/A 2180 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-Dichloroptopane 6020703 2500 ug/kg wet N/A N/A 2420 2490 97 100 70-130 3 20 1,3-Dichloroptopane 6020703 2500 ug/kg wet N/A N/A 2260 2410 90 96 70-130 6 20 2,2-Dichloroptopane 6020703 2500 ug/kg wet N/A N/A 2420 2490 97 100 70-130 3 20 1,1-Dichloroptopane 6020703 2500 ug/kg wet N/A N/A 2420 2490 97 100 70-130 4 20 1,1-Dichloroptopane 6020703 2500 ug/kg wet N/A N/A 2480 2540 99 102 70-130 4 20 1,1-Dichloroptopene 6020703 2500 ug/kg wet N/A N/A 2480 2540 99 102 70-130 2 20 cis-1,3-Dichloroptopene 6020703 2500 ug/kg wet N/A N/A 2450 2450 98 98 79-122 0 17 Hexachlorobutadine 6020703 2500 ug/kg wet N/A N/A 2450 2450 98 98 79-122 0 17 Hexachlorobutadine 6020703 2500 ug/kg wet N/A N/A 2450 2450 99 96 70-130 2 20 Ethylbenzene 6020703 2500 ug/kg wet N/A N/A 2450 2450 99 96 70-130 2 20 P-Isopropyltoluene 6020703 2500 ug/kg wet N/A N/A 2450 2450 99 96 70-130 2 20 Methylene Chloride 6020703 2500 ug/kg wet N/A N/A 2450 2490 90 100 70-130 1 20 Methylene Chlo		Dibromomethane	6020703	. 2500	ug/kg wct	N/A	N/A	2370	2670	95	107	70-130	12	20	
1,4-Dichlorobenzene 6020703 2500 ug/kg wet N/A N/A 2350 2310 94 92 70-130 2 20		1,2-Dichlorobenzene	6020703	2500	ug/kg wet	N/A	N/A	2340	2280	94	91	70-130	3	20	
Dichlorodifluoromethane 6020703 2500 ug/kg wet N/A N/A 2780 2820 111 113 70-130 1 20		1,3-Dichlorobenzene	6020703	2500	ug/kg wet	N/A	N/A	2370	2320	95	93	70-130	2	20	
1,1-Dichloroethane		1,4-Dichlorobenzene	6020703	2500	ug/kg wet	N/A	N/A	2350	2310	94	92	70-130	2	20	
1,2-Dichloroethane 6020703 2500 ug/kg wet N/A N/A N/A 2180 2450 87 98 70-130 12 20 1,1-Dichloroethene 6020703 2500 ug/kg wet N/A 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 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 2420 2490 97 100 70-130 4 20 1,1-Dichloropropene 6020703 2500 ug/kg wet N/A N/A N/A 2480 2540 99 102 70-130 2		Dichlorodifluoromethane	6020703	2500	ug/kg wet	N/A	N/A	2780	2820	111	113	70-130	1	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 2460 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 4 20 1,1-Dichloropropene 6020703 2500 ug/kg wet </td <td></td> <td>1,1-Dichloroethane</td> <td>6020703</td> <td>2500</td> <td>ug/kg wet</td> <td>N/A</td> <td>N/A</td> <td>2420</td> <td>2590</td> <td>97</td> <td>104</td> <td>70-130</td> <td>7</td> <td>20</td> <td></td>		1,1-Dichloroethane	6020703	2500	ug/kg wet	N/A	N/A	2420	2590	97	104	70-130	7	20	
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 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 eis-1,3-Dichloropropene 6020703 2500 <td></td> <td>1,2-Dichloroethane</td> <td>6020703</td> <td>2500</td> <td>ug/kg wet</td> <td>N/A</td> <td>N/A</td> <td>2180</td> <td>2450</td> <td>87</td> <td>98</td> <td>70-130</td> <td>12</td> <td>20</td> <td></td>		1,2-Dichloroethane	6020703	2500	ug/kg wet	N/A	N/A	2180	2450	87	98	70-130	12	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 2550 2550 102 102 70-130 1 20 Ethylbenzene 6020703 2500 ug/kg wet		1,1-Dichloroethene	6020703	2500	ug/kg wet	N/A	N/A	2380	2460	95	98	43-141	3	44	
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 N/A 2480 2540 99 102 70-130 2 20 cis-1,3-Dichloropropene 6020703 2500 ug/kg wet N/A N/A N/A 2550 104 103 70-130 1 20 trans-1.3-Dichloropropene 6020703 2500 ug/kg wet N/A N/A N/A 2550 2550 102 102 70-130 0 20 Ethylbenzene 6020703 2500 ug/kg wet N/A N/A N/A N/A N/A 98 98 79-122 0 17 Hexac		cis-1,2-Dichloroethene	6020703	2500	ug/kg wet	N/A	N/A	2570	2720	103	109	70-130	6	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 2550 2550 102 102 70-130 9 20 Isopropylbenzene 6020703 2500 ug/kg wet N/A N/A 2550 2550 101 101 92 70-130 9 20 Isopropylbenzene 6020703 2500 ug/kg wet N/A N/A 2550 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-1sopropylbenzene 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 Methylene Chloride 6020703 2500 ug/kg wet N/A N/A 2430 2540 97 102 70-130 4 20 Methyl tert-Butyl Ether 6020703 2500 ug/kg wet N/A N/A 2430 2540 97 102 70-130 1 20 n-Propylbenzene 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		trans-1,2-Dichloroethene	6020703	2500	ug/kg wet	N/A	N/A	2510	2640	100	106	70-130	5	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 N/A 2480 2540 99 102 70-130 2 20 cis-1,3-Dichloropropene 6020703 2500 ug/kg wet N/A 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 N/A 2550 2550 102 102 70-130 0 20 Ethylbenzene 6020703 2500 ug/kg wet N/A N/A N/A 2450 2450 98 98 79-122 0 17 Hexachlorobutadiene 6020703 2500 ug/kg wet N/A N/A N/A 2520 2310 101 92 70-130 9 20 Isopropylbenzene 6020703 2500 ug/kg wet N/A N/A N/A N/A N/A 2400 99 96 70-130 2 20 Methylene Chloride 6	٥.	1,2-Dichloropropane	6020703	2500	ug/kg wet	N/A	N/A	2420	2490	97	100	70-130	3	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 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-lsopropylbenzene 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 2500 ug/kg wet N/A N/A 2430 2540 97 102 70-130 4 20 Methyl tert-Butyl Ether 6020703 2500 ug/kg wet N/A N/A 2470 2490 90 100 70-130 11 20 n-Propylbenzene 6020703 2500 ug/kg wet N/A N/A 2240 2490 90 100 70-130 1 20 Styrene 6020703 2500 ug/kg wet N/A N/A 2560 2590 102 104 70-130 1 20		1,3-Dichloropropane	6020703	2500	ug/kg wet	N/A	N/A	2260	2410	90	96	70-130	6	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 N/A 2550 2550 102 102 70-130 0 20 Ethylbenzene 6020703 2500 ug/kg wet N/A N/A N/A 2450 2450 98 98 79-122 0 17 Hexachlorobutadiene 6020703 2500 ug/kg wet N/A N/A N/A 2520 2310 101 92 70-130 9 20 Isopropylbenzene 6020703 2500 ug/kg wet N/A N/A 2550 2310 94 92 70-130 2 20 p-Isopropylbeluene 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-Propy Ibenzene 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		2,2-Dichloropropane	6020703	2500	ug/kg wet	N/A	N/A	2490	2400	100	96	70-130	4	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 2520 2310 94 92 70-130 2 20 p-Isopropylbenzene 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 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-Dichloropropene	6020703	2500	ug/kg wet	N/A	N/A	2480	2540	99	102	70-130	2	20	
Ethylhenzene 6020703 2500 ug/kg wet N/A N/A N/A 2450 2450 98 98 79-122 0 17 Hexachlorobutadiene 6020703 2500 ug/kg wet N/A N/A N/A 2520 2310 101 92 70-130 9 20 Isopropylbenzene 6020703 2500 ug/kg wet N/A N/A N/A 2350 2310 94 92 70-130 2 20 20 p-Isopropylbenzene 6020703 2500 ug/kg wet N/A N/A 2470 2400 99 96 70-130 3 20 3 20 3 20 Methylene Chloride 6020703 2500 ug/kg wet N/A N/A 2430 2540 97 102 70-130 4 20 4 20 Methyl tert-Butyl Ether 6020703 2410 ug/kg wet N/A N/A 2070 2390 86 99 55-137 14 36 3 36 Naphthalene 6020703 2500 ug/kg wet N/A N/A 2240 2490 90 100 70-130 11 20 1 20 n-Propy Ibenzene 6020703 2500 ug/kg wet N/A N/A 2510 2490 100 100 70-130 1 20 1 20 Styrene 6020703 2500 ug/kg wet N/A N/A 2560 2590 102 104 70-130 1 20		cis-1,3-Dichloropropene	6020703	2500	ug/kg wet	N/A	N/A	2610	2580	104	103	70-130	1		
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-Isopropylbenzene 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		trans-1.3-Dichloropropene	6020703	2500	ug/kg wet	N/A	N/A	2550	2550	102	102	70-130	0	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 N/A 2490 90 100 70-130 1 20 n-Propy Ibenzene 6020703 2500 ug/kg wet N/A N/A N/A 2510 2490 100 100 70-130 1 20 Styrene 6020703 2500 ug/kg wet N/A N/A N/A 2560 2590 102		Ethylbenzene	6020703	2500	ug/kg wet	N/A	N/A	2450	2450	98	98	79-122	0	17	
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 Methylene Chloride 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		Hexachlorobutadiene	6020703	2500	ug/kg wet	N/A	N/A	2520	2310	101	92	70-130	9	20	
Methylene Chloride 6020703 2500 ug/kg wet N/A N/A N/A 2430 2540 97 102 70-130 4 20 240 20 Methyl tert-Butyl Ether 6020703 2410 ug/kg wet N/A N/A N/A 2070 2390 86 99 55-137 14 36 36 Naphthalene 6020703 2500 ug/kg wet N/A N/A N/A 2240 2490 90 100 70-130 11 20 11 20 n-Propy Ibenzene 6020703 2500 ug/kg wet N/A N/A N/A 2510 2490 100 100 70-130 1 20 20 Styrene 6020703 2500 ug/kg wet N/A N/A N/A 2560 2590 102 104 70-130 1 20		Isopropylbenzene	6020703	2500	ug/kg wet	N/A	N/A	2350	2310	94	92	70-130	2	20	
Methyl tert-Butyl Ether 6020703 2410 ug/kg wet N/A N/A 2070 2390 86 99 55-137 14 36 Naphthulene Naphthulene 6020703 2500 ug/kg wet N/A N/A N/A 2240 2490 90 100 70-130 11 20 n-Propy Ibenzene 6020703 2500 ug/kg wet N/A N/A N/A 2510 2490 100 100 70-130 1 20 Styrene 6020703 2500 ug/kg wet N/A N/A N/A 2560 2590 102 104 70-130 1 20		p-lsopropyltoluene	6020703	2500	ug/kg wet	N/A	N/A	2470	2400	99	96	70-130	3	20	
Naphthalene 6020703 2500 ug/kg wet N/A N/A 2240 2490 90 100 70-130 11 20 n-Propy Ibenzene 6020703 2500 ug/kg wet N/A N/A N/A 2510 2490 100 100 70-130 1 20 Styrene 6020703 2500 ug/kg wet N/A N/A N/A 2560 2590 102 104 70-130 1 20		Methylene Chloride	6020703	2500	ug/kg wet	N/A	N/A	2430	2540	97	102	70-130	4	20	
n-Propy Ibenzene 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	:	Methyl tert-Butyl Ether	6020703	2410	ug/kg wet	N/A	N/A	2070	2390	86	99	55-137	14	36	
Styrene 6020703 2500 ug/kg wet N/A N/A 2560 2590 102 104 70-130 1 20		Naphthalene	6020703	2500	ug/kg wet	N/A	N/A	2240	2490	90	100	70-130	11		
		n-Propy Ibenzene													
1,1,1,2-Tetrachloroethane 6020703 2500 ug/kg wet N/A N/A 2480 2500 99 100 70-130 1 20		•													
	٠	1,1,1,2-Tetrachloroethane	6020703	2500	ug/kg wet	N/A	N/A	2480	2500	99	100	70-130	1	20	

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

OHM Elm Grove, WI

Project Number: WI001124.0001

Received: 02/21/06

Reported: 03/02/06 10:36

LCS/LCS DUPLICATE QC DATA

Project:

		Seq/	Source	Spike					Dup	%	Dup	% REC		RPD	
	Analyte	Batch	Result	Level	Units	MDL	MRL	Result	Result	REC	%REC	Limits	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	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	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 wel					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-Dichtorobenzene	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	

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

OHM Elm Grove, WI

Received: 02/21/06

Reported: 03/02/06 10:36

Project Number: WI001124.0001

LCS/LCS DUPLICATE QC DATA

Project:

	Seq/	Source Spi	ke				Dup	%	Dup	% REC		RPD	
Analyte	Batch	Result Le		MDL	MRL	Result	Result	REC				Limit	Q
VOCs by SW8260B													_
cis-1,2-Dichloroethene	6030011	25	00 ug/kg we	N/A	N/A	2660	2580	106	103	70-130	3	20	
trans-1,2-Dichloroethene	6030011	25	00 ug/kg wel	N/A	N/A	2610	2480	104	99	70-130	5	20	
1,2-Dichloropropane	6030011	25	00 ug/kg wel	N/A	N/A	2520	2470	101	99	70-130	2	20	
1,3-Dichloropropane	6030011	25	00 ug/kg wet	N/A	N/A	2430	2380	97	95	70-130	2	20	
2,2-Dichloropropane	6030011	25	00 ug/kg wel	N/A	N/A	2500	2150	100	86	70-130	15	20	
1,1-Dichloropropene	6030011	25	0 ug/kg wel	N/A	N/A	2560	2420	102	97	70-130	6	20	
cis-1,3-Dichloropropene	6030011	25	00 ug/kg wet	N/A	N/A	2660	2490	106	100	70-130	7	20	
trans-1,3-Dichloropropene	6030011	25	00 ug/kg wet	N/A	N/A	2680	2480	107	99	70-130	8	20	
Ethylbenzene	. 6030011	250	0 ug/kg wet	N/A	N/A	2600	2450	104	98	79-122	6	17	
Hexachlorobutadiene	6030011	250	0 ug/kg wet	N/A	N/A	2460	2310	98	92	70-130	6	20	
Isopropylbenzene	6030011	250	0 ug/kg wet	N/A	N/A	2400	2290	96	92	70-130	5	20	
p-Isopropyltoluene	6030011	250	0 ug/kg wet	N/A	N/A	2480	2390	99	96	70-130	4	20	
Methylene Chloride	6030011	250	0 ug/kg wet	N/A	N/A	2570	2480	103	99	70-130	4	20	
Methyl tert-Butyl Ether	6030011	241	0 ug/kg wet	N/A	N/A	2320	2390	96	99	55-137	3	36	
Naphthalene	6030011	250	0 ug/kg wet	N/A	N/A	2550	2710	102	108	70-130	6	20	
n-Propylbenzene	6030011	250	0 ug/kg wet	N/A	N/A	2560	2450	102	98	70-130	4	20	
Styrene	6030011	250	0 ug/kg wet	N/A	N/A	2630	2500	105	100	70-130	5	20	
1,1,1,2-Tetrachloroethane	6030011	250	0 ug/kg wet	N/A	N/A	2660	2460	106	98	70-130	8	20	
1,1,2,2-Tetrachloroethane	6030011	. 250	0 ug/kg wet	N/A	N/A	2640	2870	106	115	70-130	8	20	
Tetrachlorocthene	6030011	250	0 ug/kg wet	N/A	N/A	2490	2440	100	98	70-130	2	20	
Toluene	6030011	250	0 ug/kg wet	N/A	N/A	2580	2440	103	98	78-120	6	18	
1,2,3-Trichlorobenzene	6030011	250	0 ug/kg wet	N/A	N/A	2590	2560	104	102	70-130	1	20	
1,2,4-Trichlorobenzene	6030011	250	0 ug/kg wet	N/A	N/A	2400	2360	96	94	70-130	2	20	
1,1,1-Trichloroethane	6030011	250	0 ug/kg wet	N/A	N/A	2440	2280	98	91	70-130	7	20	
1,1,2-Trichloroethane	6030011	250	0 ug/kg wet	N/A	N/A	2550	2480	102	99	70-130	3	20	
- Trichloroethene	6030011	250	0 ug/kg wet	N/A	N/A	2510	2410	100	96	78-124	4	20	
Trichlorofluoromethane	6030011	250	0 ug/kg wet	N/A	N/A	2260	2110	90	84	70-130	7	20	
1,2,3-Trichloropropane	6030011	250	0 ug/kg wet	N/A	N/A	2100	2150	.84	86	70-130	2	20	
1,2,4-Trimethylbenzene	6030011	250	0 ug/kg wet	N/A	N/A	2430	2340	97	94	75-128	4	20	
1,3,5-Trimcthylbenzene	6030011	250	0 ug/kg wet	N/A	N/A	2450	2340	98	94	76-127	5	19 .	
Vinyl chloride	6030011	250	0 ug/kg wet	N/A	N/A	2720	2560	109	102	70-130	6	20	
Xylenes, total	6030011	750	0 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			
Surrogute: 4-Bromofluorobenzene	6030011		ug/kg wet					100	101	89-110			



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

Work Order: Project:

WPB0703 OHM Elm Grove, WI Received: 02/21/06

Project Number: WI001124.0001

Reported: 03/02/06 10:36

CERTIFICATION SUMMARY

TestAmerica Analytical - Watertown

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

ARCADIS		Laborat	atory Task Order No./P.O. No					CHAIN-OF-CUSTODY RECORD Page of)								
Project Number/Name _ ليا	umber/Name WIOO1124.0001/OHM-EINGIONE							ANALYSIS / METHOD / SIZE								
Project Location Elm Grove, WI Laboratory Test America Project Manager Jenning Cota								ANALYSIS / METHOD / SIZE ANALYSIS / METHOD / SIZE ANALYSIS / METHOD / SIZE								
Laboratory Test A	nrica			/	2 3 3/	1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	"	/	/ /	/ /	,					
Project Manager				/\$	3 3 5	ارفنی کر ر										
Sampler(s)/Affiliation				(5)	· 7 ~	33										
Sample ID/Location	Matrix	Date /Tim e Sampled	Timo	2000	7 7 2 6 4 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5	2					Remarks		Total			
GP-1(2-4')	5	2/20/06		1	1								2			
CP-2 (8-10')	5	•	1200	1	1								2			
GP-3(2-41)	5		1420	1	1								2			
GP-4 (4-6')	5	W	1500	Ţ	1				ļ				2			
MeOH blank	L			1												
									_							
			-		-	-	-									
			 		-		 			 						
	ļ. ——				 		 		-			-				
						 				-						
Sample Matrix: L = Liqui	id; 5 =	Solid; A :	= Air	l						To	otal No. of Bot Conta	ttles/ iners	9	(17 (20)		
Relinquished by:	Book	yeu	Organiz Organiz		ARIA	OIS mens]	Date 2/	21/06	_ Time O		Seal In				
Relinquished by Received by:	100	h	Organiz Organiz	ation:	D TA			Date 2 1 Date 2 1	2(, a. 21,06	Time/ Time/	350	Seal In				
Special Instructions/Remarks:	qus	tions / c	ommen	its to	Jeu	Ni~0 (To 6-	w/ A	RCADIS	e (414)	276-77	42	21 /OX	7		
Delivery Method:	In Pers	on [Comm	on Carri	er	SPECIFY		ALab C	ourier	□Othe		PECIFY	AG 05-12/01			

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