414.228.9810 phone
414.228.9840 fax
eds@edsinc.us
6637 North Sidney Pl.
Milwaukee, WI 53209
www.edsinc.us

environmental & development solutions, inc.

December 27, 2010

Ms. Monica Weis
Wisconsin Department of Commerce
9316 N. 107th Street
Milwaukee, WI 53224-1121

RE: Results Letter for the Former D&M Motors Property Located at 5923 W. Lincoln Avenue in West Allis, Wisconsin — EDS Project No. 091203; Commerce No. 53219-2109-23-A; BRRTS No. 03-41-184130

Dear Ms. Weis:

On behalf of Mr. Satwant Kaleka (current owner), ***Environmental & Development Solutions, Inc. (EDS)*** submits this letter to the Wisconsin Department of Commerce ("Commerce") for the above-referenced site (the "site"). This letter presents the results of recent soil and groundwater sampling conducted at the site. EDS conducted the work in general accordance with your cost cap approval letter dated January 6, 2010, and our work plan dated October 7, 2010. The work plan includes a site description and brief project background. The site location and general site features are illustrated on the attached Figures 1 and 2.

Drilling and Well Installation

On October 16, 2010, Wisconsin Soil Testing (WST) drilled two borings at the site for the purposes of collecting soil samples and installing replacement wells MW-5R and MW-8R. EDS documented the well installation and the abandonment of MW-8. According to Mr. Kaleka, MW-5 had previously been abandoned by excavation. Copies of the well construction forms and well abandonment form are attached.

WST utilized 4 ¼-inch (inside diameter) hollow stem augers to drill each boring to approximately 16 feet below ground surface (bgs). EDS screened and visually classified soil samples collected from each boring at continuous, 2-foot intervals. The soil profile and photoionization detector (PID) readings are summarized on the attached boring logs. In general, the soils encountered consisted primarily of brown to gray silty clay and silt. EDS noted elevated PID readings and weathered gasoline odors in MW-5R. The highest PID readings correlated to the depth at which apparent groundwater was encountered. EDS did not detect any PID readings or odors in MW-8R.

The soil cuttings from the drilling/well installation were staged on site in 55-gallon drums. EDS coordinated the profiling and landfill approval for proper disposal at Veolia Emerald Park Landfill. The drums were transported off site on December 21, 2010.

Soil & Groundwater Sampling Results

EDS submitted one soil sample from each boring for analyses of petroleum volatile organic compounds (PVOCs) and naphthalene. The soil analytical results obtained to date are summarized in the attached Table 1 and the laboratory report for the October 2010 soil sampling is attached. All compounds analyzed were below detection limits in MW-8R. Several PVOCs and naphthalene were detected in the soil sample collected from MW-5R. However, all of the concentrations were below the residual contaminant levels (RCLs) for the groundwater pathway. The RCLs for the direct contact pathway do not apply to samples collected below 4 feet bgs. EDS further evaluated the groundwater pathway through groundwater sampling discussed later in this section.

On November 5, 2010, EDS attempted to conduct well repairs at the site. As previously documented, all but two of the wells had been covered with asphalt paving. As such, EDS attempted to locate the wells with a metal detector and expose the wells for repair. EDS utilized a concrete saw to cut through approximately 6 inches of asphalt overlying the wells. EDS was able to locate and repair MW-1, MW-7, and MW-10. EDS was unable to locate wells MW-4 or MW-9 despite three separate attempts with the concrete saw at each of those locations.

On November 8, 2010, EDS conducted the first of three rounds of quarterly groundwater monitoring. EDS measured the depth to groundwater at each well before purging and then sampling each well. EDS developed MW-5R and MW-8R by purging the wells dry. All purge water was disposed via the on-site sanitary sewer connection in accordance with MMSD requirements.

EDS re-surveyed all of the accessible wells at the site. EDS utilized the ¼ section monument located at the southeast corner of S. 60th Street and W. Lincoln Avenue. According to the City of West Allis, that monument has an elevation of 702.92 feet above mean sea level. The groundwater elevation measurements obtained to date are summarized in the attached Table 2. Based on those measurements, the direction of groundwater flow during November 2010 was to the northeast, as illustrated on the attached Figure 3.

The groundwater analytical results obtained to date are summarized in the attached Table 3 and the laboratory report for the November 2010 groundwater sampling is attached. The perimeter wells all exhibited concentrations below enforcement standards (ESs) or below detection limits. MW-7 exhibited a concentration of the petroleum-related VOC 1,2-dichloroethane of 3.2 parts per billion (ppb), which is slightly above its preventive action limit (PAL) of 0.5 ppb. Benzene, ethylbenzene, and naphthalene were the only compounds detected above their ESs, and only at MW-5R. The remaining compounds detected at MW-5R were below their respective preventive action limits (PALs) or below detection limits.

Conclusions and Recommendations

The November 2010 groundwater results indicate that only MW-5R exhibited groundwater impacts above ESs. The 2010 concentrations at MW-5R are higher than the most-recent previous event (1999); however, additional monitoring events will be necessary to appropriately evaluate data trends. The perimeter wells appear to exhibit favorable data and define the groundwater plume to the south west and north.

The second and third sampling events are tentatively scheduled for February and May 2011, respectively. EDS will provide another sampling results letter after the third sampling event.

If you have any questions or comments regarding this submittal, please contact us at 414-228-9810.

Respectfully,

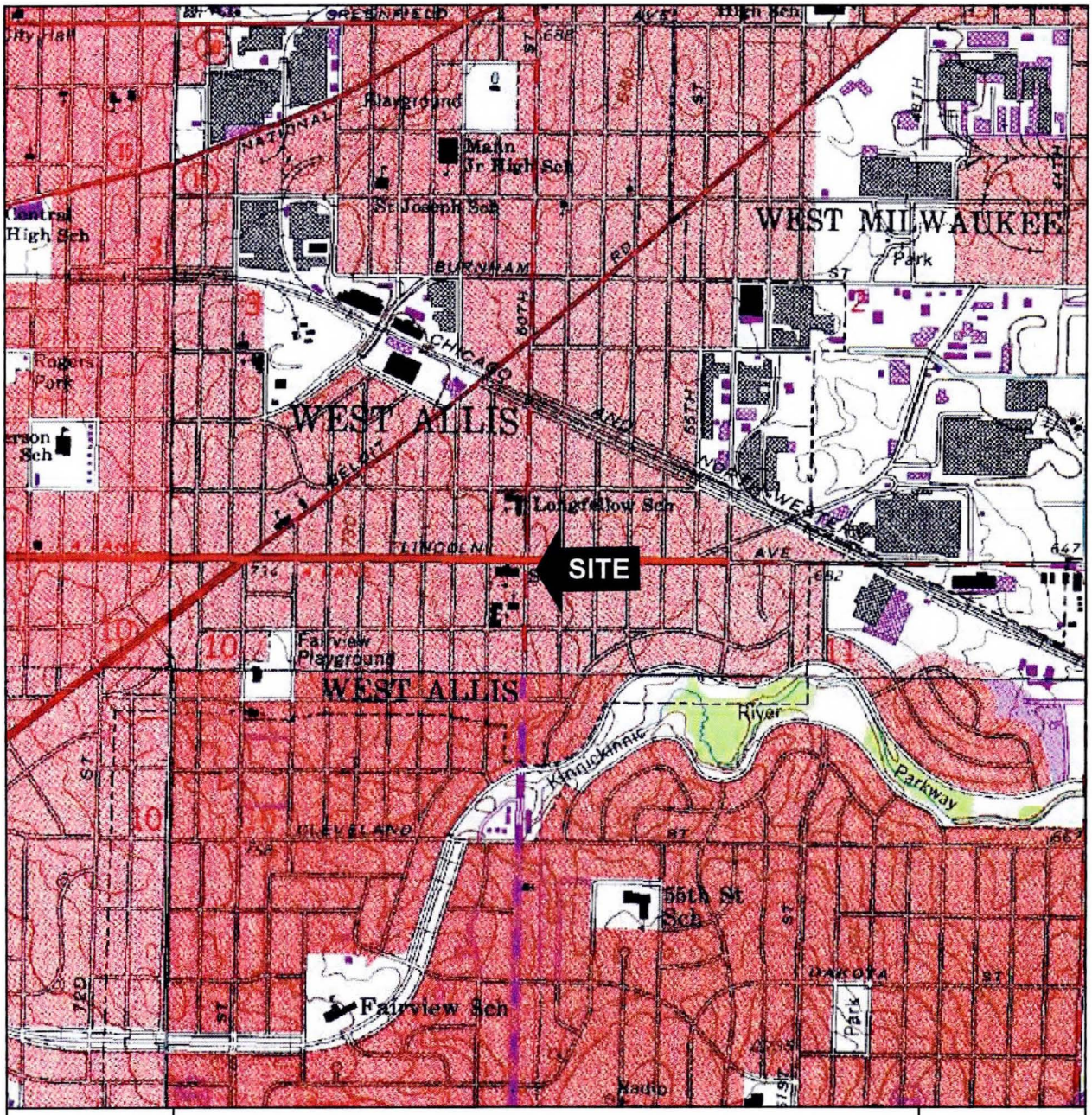
Environmental & Development Solutions, Inc.

Jason E. Bartley, P.G.
Vice President

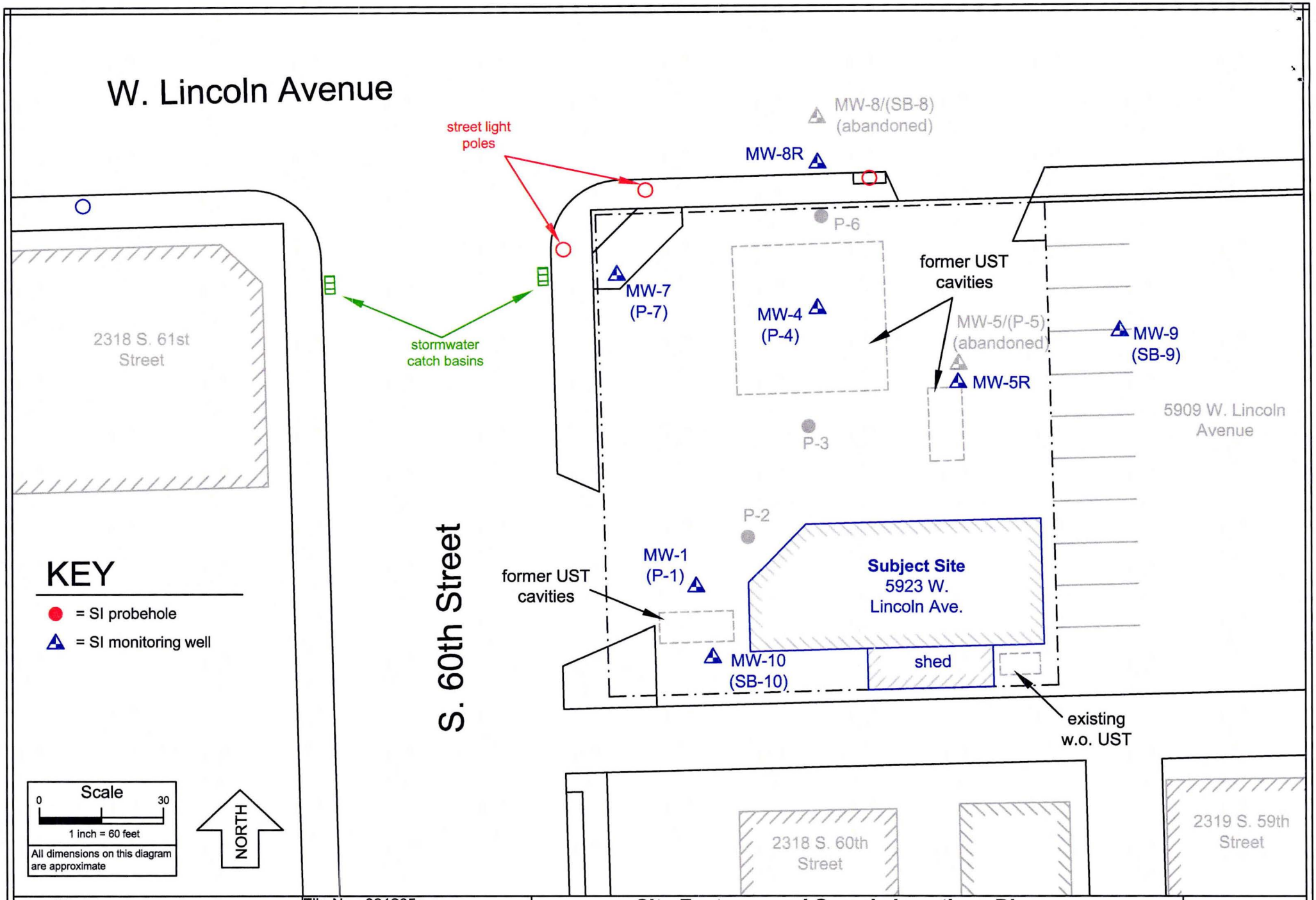
attachments

cc: Mr. Satwant Kaleka

091203f



Approximate Scale 1" = 1,560'	United States Geological Survey Topographic Map Milwaukee Quadrangle NW 1/4 of NW 1/4 of Sec 11, T6N, R21E	NORTH
environmental & development solutions	**Site Location Diagram** Former D&M Motors Property 5923 W. Lincoln Avenue West Allis, Wisconsin	Figure 1

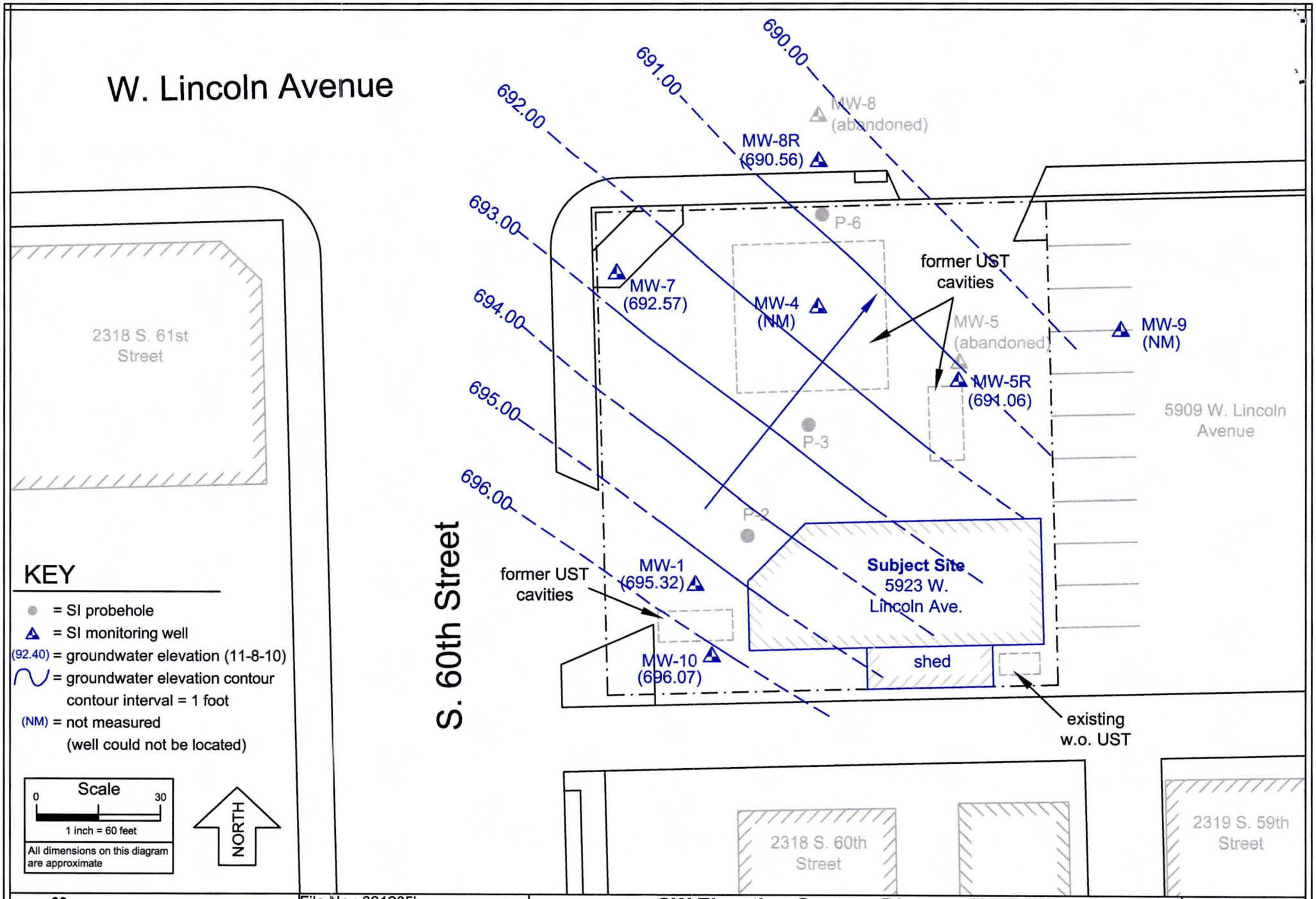


environmental & development solutions

File No.:	091205a
DWG Date:	1-29-10
Rev Date:	11-8-10
Drawn By:	JEB
Checked By (PM):	JEB

Site Features and Sample Locations Diagram
Former D&M Motors Property
5923 W. Lincoln Avenue
West Allis, Wisconsin

Figure
2



File No.:	091205b
DWG Date:	12-22-10
Rev Date:	
Drawn By:	JEB
Checked By (PM):	JEB

environmental & development solutions

GW Elevation Contour Diagram (11-8-10)
Former D&M Motors Property
5923 W. Lincoln Avenue
West Allis, Wisconsin

Figure
3

TABLE 1
Soil Analytical Results
Former D&M Motors Property
West Allis, Wisconsin

Sample Location	Sample Depth (ft bgs)	Sampling Date	PID (iu)	DRO (ppm)	GRO (ppm)	Benzene (ppb)	Ethyl-benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Comb. TMBs (ppb)	Total Xylenes (ppb)	Lead (ppb)
P-1	4-6	2/4/99	1.3	7.1	<0.6	<25	<25	<25	<25	<25	<50	<50	20
	8-10	2/4/99	1.8	8.6	1.2	<25	<25	291	<25	<25	<50	<50	27
P-2	6-8	2/4/99	2.2	4.3	19	<25	<25	<25	<25	<25	<50	<50	26
	8-10	2/4/99	1.2	4.6	<0.6	<25	<25	<25	<25	<25	<50	<50	44
P-3	6-8	2/4/99	331	10	113	<250	<250	<250	647	<250	7,270	357	27
	8-10	2/4/99	9.7	26	5.1	***1,950***	<25	<25	<25	<25	<50	<50	30
P-4	6-8	2/4/99	332	4.4	***2,260***	***602***	***43,800***	<500	16,900	<500	131,600	***163,100***	21
	8-10	2/4/99	107	21	57	***1,340***	***8,200***	<25	568	356	1,428	***16,998***	28
P-5	6-8	2/4/99	23.2	7.7	5.7	<25	<25	<25	<25	<25	<50	<50	40
	8-10	2/4/99	2.9	4.5	4.9	<25	<25	<25	<25	<25	<50	<50	20
MW-5R	10-12	10/16/10	>1,000	NA	NA	<50.0	2,680	69.8	4,560	242	2,960	1,976	NA
P-6	6-8	2/4/99	31.5	8	27	<25	<25	<25	<25	<25	1,210	82	36
	8-10	2/4/99	112	27	54	***576***	<25	<25	225	609	2,397	***5,500***	<3.6
P-7	4-6	2/4/99	2.4	10	1.9	<25	<25	<25	<25	<25	31	55	39
	8-10	2/4/99	4.2	9.5	1.7	<25	<25	<25	<25	<25	<50	<50	40
SB-8	3-5	5/28/99	0.1	3.2	<0.58	<25	<25	<25	<25	<25	<50	<50	13.0
	7-9	5/28/99	0.1	3.1	<0.61	<25	<25	<25	<25	<25	<50	<50	8.8
MW-8R	8-10	10/16/10	<1	NA	NA	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	NA
SB-9	3-5	8/13/99	2.6	NA	<0.63	<25	<25	<25	<25	<25	<50	<50	9.8
	5-7	8/13/99	1.8	NA	<0.67	<25	<25	<25	<25	<25	<50	<50	25.0
SB-10	3-5	8/13/99	5	NA	<0.60	<25	<25	<25	<25	<25	<50	<50	14.0
	7-9	8/13/99	1.8	NA	<0.58	<25	<25	268	<25	<25	<50	<50	11.0
NR 700 RCL - GW pathway			-	*100*	*100*	*5.5*	*2,900*	*NS*	*NS*	*1,500*	*NS*	*4,100*	*NS*
NR 700 RCL - DC pathway			-	*NS*	*NS*	*1,100*	*4,600*	*NS*	*2,700*	*38,000*	*94,000*	*42,000*	*50*

Notes:
1. Concentrations in ***blue bold italics*** exceed their respective NR 720 RCLs for the groundwater pathway.
2. Concentrations in **red bold** exceed their respective NR 746 RCLs for the direct contact pathway (only within top 4 feet).
3. Data prior to 2010 was obtained from International Environmental Corporation.

TABLE 2
Groundwater Measurements
Former D&M Motors Property
West Allis, Wisconsin

Well Number	Date	Total Well Depth	Top of Casing Elevation	Ground Surface Elevation	*Depth to Water Below Casing	*Depth to Water Below Ground	Groundwater Elevation
MW-1	6/4/99	15.15	702.17	702.52	6.21	6.56	**695.96**
	6/18/99				5.48	5.83	**696.69**
	8/31/99				7.07	7.42	**695.10**
	9/8/99				7.31	7.66	**694.86**
	11/8/10	15.45	703.51	704.16	8.19	8.84	**695.32**
MW-4	6/4/99	15.15	700.49	701.01	5.70	6.22	**694.79**
	6/18/99				4.19	4.71	**696.30**
	8/31/99				6.72	7.24	**693.77**
	9/8/99				7.07	7.59	**693.42**
	11/8/10	Could not locate well.					
MW-5	6/4/99	15.15	700.61	701.11	7.08	7.58	**693.53**
	6/18/99				5.73	6.23	**694.88**
	8/31/99				8.48	8.98	**692.13**
	9/8/99				8.83	9.33	**691.78**
MW-5R	11/8/10	16.21	702.18	702.65	11.12	11.59	**691.06**
MW-7	6/4/99	15.15	701.62	702.04	9.42	9.84	**692.20**
	6/18/99				9.19	9.61	**692.43**
	8/31/99				9.66	10.08	**691.96**
	9/8/99				9.82	10.24	**691.80**
	11/8/10	16.36	702.92	703.34	10.35	10.77	**692.57**
MW-8	6/4/99	15.15	699.47	699.70	9.75	9.98	**689.72**
	6/18/99				8.94	9.17	**690.53**
	8/31/99				9.45	9.68	**690.02**
	9/8/99				10.49	10.72	**688.98**
MW-8R	11/8/10	16.33	700.23	700.72	9.67	10.16	**690.56**
MW-9	6/4/99	Well not installed yet.					
	6/18/99						
	8/31/99	15.15	699.39	699.95	7.11	7.67	**692.28**
	9/8/99				7.35	7.91	**692.04**
	11/8/10	Could not locate well.					
MW-10	6/4/99	Well not installed yet.					
	6/18/99						
	8/31/99	15.15	702.46	703.00	6.73	7.27	**695.73**
	9/8/99				6.91	7.45	**695.55**
	11/8/10	15.38	703.76	704.61	7.69	8.54	**696.07**

1. *Measured from the north rim of the top of well casing.
2. All measurements are presented in feet.
3. Benchmark = 702.92 ft MSL - 1/4 Section monument located at the southeast corner of N. 60th Street and W. Lincoln Avenue.

TABLE 3
Groundwater Analytical Results
Former D&M Motors Property
West Allis, Wisconsin

Sample Location	Sampling Date	Benzene (ppb)	Ethyl-benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Combined TMBs (ppb)	Total Xylenes (ppb)	Chloro-methane (ppb)	1,2-DCA (ppb)	cis-1,2-DCE (ppb)	Lead (ppb)
MW-1	6/18/99	***2.6***	0.46	**121**	<0.92	<0.66	<1.04	2.0	<1.5	<0.38	<10.4	<1.4
	11/8/10	<0.39	<0.41	1.3	<0.40	<0.42	<0.83	<1.25	NA	NA	NA	NA
MW-4	6/18/99	**205**	**2,680**	<21	**845**	179	**3,293**	***9,335***	<77	<19	<20	<1.4
	11/8/10	This well could not be located under asphalt pavement.										
MW-5/	6/18/99	**30**	54	<0.42	***26***	4.0	***132***	177	<1.5	<0.38	1.3	<1.4
MW-5R	11/8/10	**289**	**1,510**	<6.1	**421**	37.6	39.9	357.6	<2.4	<7.5	<8.3	NA
MW-7	6/18/99	0.35	0.88	<0.21	1.5	<0.33	1.88	2.7	<0.77	***2.6***	<0.2	<1.4
	11/8/10	<0.41	<0.54	<0.61	<0.89	<0.67	<1.8	<2.63	<0.24	***3.2***	<0.83	NA
MW-8/	6/18/99	<0.19	<0.16	<0.21	<0.46	<0.33	<0.52	<0.54	**65**	<0.19	<0.2	<1.4
MW-8R	11/8/10	<0.41	<0.54	<0.61	<0.89	<0.67	<1.8	<2.63	<0.24	<0.36	<0.83	NA
MW-9	6/18/99	This well installed 8-20-96.										
	8/31/99	<0.19	<0.16	0.88	<0.46	0.51	<0.52	<0.54	**5**	<0.19	<0.2	<1.4
	11/8/10	This well could not be located under asphalt pavement.										
MW-10	6/18/99	This well installed 8-20-96.										
	8/31/99	<1.9	<1.6	**437**	<4.6	<3.3	<5.2	<5.4	**8.7**	<1.9	<2.0	<1.4
	11/8/10	<0.39	<0.41	<0.38	<0.40	<0.42	<0.83	<1.25	NA	NA	NA	NA
ES (ppb)	-	*5*	*700*	*60*	*100*	*1,000*	*480*	*10,000*	*3*	*5*	*70*	*15*
PAL (ppb)	-	*0.5*	*140*	*12*	*10*	*200*	*96*	*1,000*	*0.3*	*0.5*	*7*	*1.5*

Notes:
1. Only PVOCs and detected VOCs with standards are presented.
2. Concentrations in ***blue bold italics*** exceed their respective preventive action limits (PALs).
3. Concentrations in **red bold** exceed their respective enforcement standards (ESs).
4. Data prior to 2010 was obtained from International Environmental Corporation.

Other detected VOCs	**MW-5R**	**ES**	***PAL***
n-butylbenzene	35.4	NS	NS
sec-butylbenzene	11.7	NS	NS
chlorobenzene	19.2	NS	NS
2-chlorotoluene	12.1	NS	NS
1,2-dichlorobenzene	8.6	600	60
isopropylbenzene	76.6	NS	NS
p-isopropyltoluene	6.7	NS	NS
n-propylbenzene	231	NS	NS

environmental & development solutions

Boring Number: **MW-5R**

Facility/Project Name: Former D&M Automotive - 5923 W. Lincoln Avenue, West Allis, WI

EDS Project Number: 091203

Boring Drilled By:	Date Drilling Started:	Date Drilling Completed:	Drilling Method:
Wisconsin Soil Testing	10-16-10	10-16-10	4.25" ID HSA

WI Unique Well No.: _____

NW 1/4 of NW 1/4 of Section 11 T 6 N. R 21 (E)/W

Location Description: east-central portion of parking lot

Facility ID:	County:	County Code:	Town/City/or Village:
	Milwaukee	41	West Allis

Sample No.	Length Recovered	Blow Counts (N)	Compressive Strength (QP)	Depth in ft bgs	Soil/rock description	USCS Class.	Graphic log	PID Reading
					Asphalt ground surface and base coarse.			
				2	likely fill - very dark brown to dark grayish brown clayey SILT to silty CLAY, some fine to coarse sand, trace gravel, damp, slight weathered gasoline o odor.	CL-ML		NM
1	18	13	NM	4				14
2	18	23	NM	6	likely fill - brown silty CLAY, some fine to coarse sand, stiff to hard, damp, slight weathered gasoline odor.	CL		33
3	20	11	NM	8	possible fill - brown fine to medium sandy SILT with clay, interbedded with seams of fine to medium sand, moist, weathered gasoline odor increasing with depth.	ML		56
4	14	17	NM	10				422
					possible fill - brownish gray silty CLAY, some to trace fine sand, very moist to wet, strong weathered gasoline odor.	CL		
5	12	20	NM	12	possible fill - brown to brownish gray fine to coarse SAND, some silt and clay, wet, very strong weathered gasoline odor.	SW		>1,000*
6	18	15	NM	14	brownish gray silty CLAY, trace fine sand, wet, weathered gasoline odor decreasing with depth.	CL		182
7	18	19	NM	16	gray silty CLAY, trace fine sand, wet, very slight weathered gasoline odor.	CL		44
				18	End of probehole at 16 feet below ground surface. monitoring well MW-5R installed in this boring (see well construction report).			
				20				
				22				

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

Signature: _____

Firm: Environmental & Development Solutions, Inc.

environmental & development solutions

Boring Number: **MW-8R**

Facility/Project Name: Former D&M Automotive - 5923 W. Lincoln Avenue, West Allis, WI

EDS Project Number: 091203

Boring Drilled By:	Date Drilling Started:	Date Drilling Completed:	Drilling Method:
Wisconsin Soil Testing	10-16-10	10-16-10	4.25" ID HSA

WI Unique Well No.: _ _ _ _ _ _

NW 1/4 of NW 1/4 of Section 11 T 6 N. R 21 (E)/W

Location Description: north of property within W. Lincoln Avenue

Facility ID:	County:	County Code:	Town/City/or Village:
	Milwaukee	41	West Allis

Sample No.	Length Recovered	Blow Counts (N)	Compressive Strength (QP)	Depth in ft bgs	Soil/rock description	USCS Class.	Graphic log	PID Reading
					Concrete ground surface and base coarse.			NM
				2	brown silty CLAY, trace fine sand, fairly stiff, damp, no odor.			
1	14	16	NM			CL		<1
2	12	19	NM	4				<1
				6				
3	10	31	NM		brown fine to medium sandy SILT with clay, interbedded with seams of fine to medium sand, damp to moist, no odor.	ML		<1
				8				
4	20	22	NM		brownish gray silty CLAY, trace fine sand, very moist to wet, no odor.			<1
				10				
5	18	NR	NM			CL		<1
				12				
6	18	19	NM		gray fine to coarse SAND seam, wet, no odor.	SW		<1
				14	brownish gray silty CLAY, trace fine sand, wet, no odor.			
7	18	NR	NM			CL		<1
				16				
					End of probehole at 16 feet below ground surface.			
				18	monitoring well MW-8R installed in this boring (see well construction report).			
				20				
				22				

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

Signature: [signature]

Firm: Environmental & Development Solutions, Inc.

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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

☒ **Verification Only of Fill and Seal**

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE	— — — — — —	

Lattitude / Longitude (Degrees and Minutes) — Method Code (see instructions)

43 ° 00 . 45 5 'N
87 ° 59 . 22 3 'W

¼ / ¼	¼	Section	Township	Range
NW	NW	11	6 N	21 ☒ E ☐ W

or Gov't Lot #

Well Street Address: 5923 W. LINCOLN AVE.

Well City, Village or Town	Well ZIP Code
WEST ALLIS	53219

Subdivision Name	Lot #

Reason For Removal From Service	WI Unique Well # of Replacement Well
EXCAVATED	— — — — — —

2. Facility / Owner Information

Facility Name:

Facility ID (FID or PWS):

License/Permit/Monitoring #: MW-5

Original Well Owner: GEORGE TSITSOS

Present Well Owner: SATWANT KALEKA

Mailing Address of Present Owner: 4949 S. BARTEL DR.

City of Present Owner	State	ZIP Code
GREENFIELD	WI	53220

3. Well / Drillhole / Borehole Information

☒ Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 5-28-1999

If a Well Construction Report is available, please attach.

Construction Type: ☒ Drilled ☐ Driven (Sandpoint) ☐ Dug ☐ Other (specify): _____

Formation Type: ☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
16	2

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
8	16

Was well annular space grouted? ☐ Yes ☒ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
—	~5.25

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

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

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

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

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

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
WELL REMOVED PER OWNER	Surface	—		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
ENVIRONMENTAL DEV SOL, INC.		2001/2002

Street or Route	Telephone Number
6637 N. SIDNEY PL	(414) 228-9810

City	State	ZIP Code
MILWAUKEE	WI	53209

Signature of Person Doing Work: [signature] VERIFIED BY

Date Signed: 12-13-10

DNR Use Only

Date Received	Noted By

Comments:

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: 5423 W Lincoln D&M Motors West Allis, WI
Facility License, Permit or Monitoring No.:
Facility ID: 241956660
Type of Well — Well Code: 11 / MW
Distance from Waste/Source: _____ ft. Enf. Stds. Apply ☒

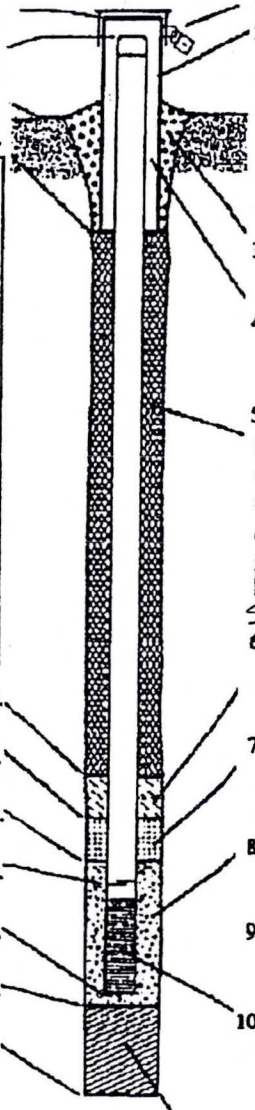
Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.
Local Grid Origin ☐ (estimated: ☐) or Well Location ☐
Lat. 43° 00' 9.83" Long. 87° 59' 14.09" or
St. Plane _____ ft. N. _____ ft. E. S/C/N
Section Location of Waste/Source: NW 1/4 of NW 1/4 of Sec. 11 T. 6 N. R. 21 ☒E ☐W
Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☒ Not Known
Gov. Lot Number: _____

Well Name: MW-5
Wis. Unique Well No.: JT252 DNR Well ID No.: _____
Date Well Installed: 05/28/1999 (m m d d y y y y)
Well Installed By: Name (first, last) and Firm: Wisconsin Soil Testing A Chuck Guenther

A. Protective pipe, top elevation 701.11 ft. MSL
B. Well casing, top elevation 700.61 ft. MSL
C. Land surface elevation 701.11 ft. MSL
D. Surface seal, bottom _____ ft. MSL or 1.0 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☒ GC ☐ GW ☐ SW ☐ SP ☐
SM ☒ SC ☐ ML ☒ MH ☐ CL ☒ CH ☐
Bedrock ☐
13. Sieve analysis performed? ☐ Yes ☒ No
14. Drilling method used: Rotary ☐ 50 Hollow Stem Auger ☒ 41 Other ☐ _____
15. Drilling fluid used: Water ☐ 02 Air ☐ 01 Drilling Mud ☐ 03 None ☒ 99
16. Drilling additives used? ☐ Yes ☒ No
Describe _____
17. Source of water (attach analysis, if required): N/A

E. Bentonite seal, top _____ ft. MSL or 1.0 ft.
F. Fine sand, top _____ ft. MSL or 3.65 ft.
G. Filter pack, top _____ ft. MSL or 4.65 ft.
H. Screen joint, top _____ ft. MSL or 5.65 ft.
I. Well bottom _____ ft. MSL or 15.65 ft.
J. Filter pack, bottom _____ ft. MSL or 16.0 ft.
K. Borehole, bottom _____ ft. MSL or 16.0 ft.
L. Borehole, diameter 7.65 in.
M. O.D. well casing 2.37 in.
N. I.D. well casing 2.02 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 9 in.
b. Length: 1.4 ft.
c. Material: Steel ☒ 0 Other ☐ _____
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 3 Concrete ☒ 0 Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☐ 3 Other ☒ SAND
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 3
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 3
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 3
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 5
e. 75 lbs Ft³ volume added for any of the above
f. How installed: Bentonite/Annular Space Seals concurrent — Tremie ☐ 0 Tremie pumped ☐ 0 Gravity ☒ 0
6. Bentonite seal: a. Bentonite granules ☒ 3
b. ☐1/4 in. ☐3/8 in. ☐1/2 in. Bentonite chips ☐ 3
c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. Red Silica 35-45
b. Volume added _____ ft³ 50 lbs
8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint 80-120
b. Volume added _____ ft³ 350 lbs
9. Well casing: Flush threaded PVC schedule 40 ☒ 2 Flush threaded PVC schedule 80 ☐ 2 Other ☐ _____
10. Screen material: Sch 40 2" PVC
a. Screen type: Factory cut ☒ 1 Continuous slot ☐ 0 Other ☐ _____
b. Manufacturer: Environmental Well Products
c. Slot size: 0.010 in
d. Slotted length: 10 ft
11. Backfill material (below filter pack): None ☒ 1 Other ☐ _____

I hereby certify that the information on this form is true and correct to the best of my knowledge.
Signature: Mark E. Doran Firm: International Environmental Corp

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a 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 these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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

☐ **Verification Only of Fill and Seal**

Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Remediation/Redevelopment ☐ Waste Management ☐ Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE	— — — — —	

Lattitude / Longitude (Degrees and Minutes): 43 · 00 . 155 'N / 87 · 59 . 223 'W — Method Code (see instructions):

¼ / ¼ NW	¼ NW	Section 11	Township 6 N	Range 21 ☒E ☐W

or Gov't Lot #

Well Street Address: 5923 W. LINCOLN AVE.

Well City, Village or Town: WEST ALLIS — Well ZIP Code: 53219

Subdivision Name — Lot #

Reason For Removal From Service: DAMAGED — WI Unique Well # of Replacement Well: — — — — —

2. Facility / Owner Information

Facility Name

Facility ID (FID or PWS)

License/Permit/Monitoring #: MW-8

Original Well Owner: GEORGE TSITSOS

Present Well Owner: SATWANT KALEKA

Mailing Address of Present Owner: 4949 S. BARTEL DR.

City of Present Owner: GREENFIELD — State: WI — ZIP Code: 53220

3. Well / Drillhole / Borehole Information

☒ Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 5-28-1999

If a Well Construction Report is available, please attach.

Construction Type: ☒ Drilled ☐ Driven (Sandpoint) ☐ Dug ☐ Other (specify):

Formation Type: ☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
16	2
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
8	16

Was well annular space grouted? ☐ Yes ☒ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
—	~9

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

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

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

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

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

5. Material Used To Fill Well / Drillhole

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
CONCRETE	Surface	0.5		
BENTONITE CHIPS	0.5	16		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
ENVIRONMENTAL 3 DEV SOL, INC.		10-16-10

Street or Route	Telephone Number
6637 N. SIDNEY PL	(414) 228-9810

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
MILWAUKEE	WI	53209		12-13-10

DNR Use Only

Date Received	Noted By

Comments

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTIC

Form 4400-113A Rev. 7-98

Facility/Project Name: 5923 W Lincoln D&M Motors West Allis, WI	Local Grid Location of Well: ___ ft. ☐N. ☐S. ___ ft. ☐E. ☐W.	Well Name: MW-E
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. 43 • 00 • 9.83 " Long. 87 • 59 • 14.09 " or	Wis. Unique Well No.: JO909 / DNR Well ID No.: ___
Facility ID: 241956660	St. Plane ___ ft. N. ___ ft. E. S/C/N	Date Well Installed: 8 5 12 8 1994 (m m d d y y y y)
Type of Well / Well Code: 11 / MW	Section Location of Waste/Source: NW 1/4 of NW 1/4 of Sec. 11 T. 6 N. R. 21 ☒E ☐W	Well Installed By: Name (first, last) and Fi: Wisconsin Soil Testing / AChuck Guenther
Distance from Waste/Source ___ ft. / Enf. Stds. Apply ☒	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☒ Not Known	Gov. Lot Number: ___

A. Protective pipe, top elevation 699.20 ft. MSL
B. Well casing, top elevation 699.47 ft. MSL
C. Land surface elevation 699.70 ft. MSL
D. Surface seal, bottom ___ ft. MSL or 1.0 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ■ MH ☐ CL ■ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

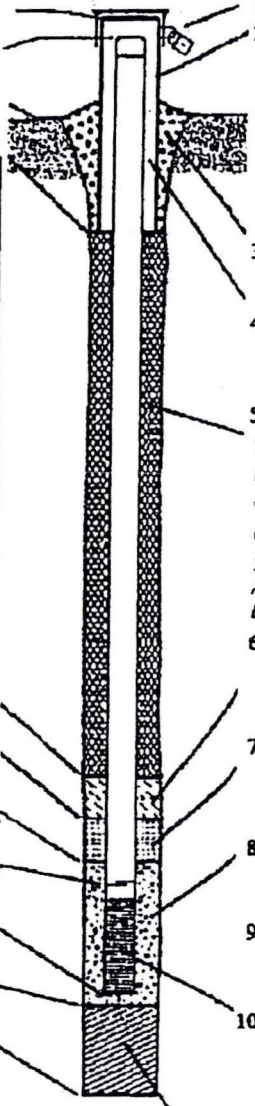
14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☒ 41 / Other ☐ ___

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe ___

17. Source of water (attach analysis, if required): N/A

E. Bentonite seal, top ___ ft. MSL or 1.0 ft.
F. Fine sand, top ___ ft. MSL or 3.38 ft.
G. Filter pack, top ___ ft. MSL or 4.38 ft.
H. Screen joint, top ___ ft. MSL or 5.38 ft.
I. Well bottom ___ ft. MSL or 15.38 ft.
J. Filter pack, bottom ___ ft. MSL or 16.0 ft.
K. Borehole, bottom ___ ft. MSL or 16.0 ft.
L. Borehole, diameter 7.65 in.
M. O.D. well casing 2.37 in.
N. I.D. well casing 2.02 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 9 in
b. Length: 1.0 ft.
c. Material: Steel ☒ 0 / Other ☐ ___
d. Additional protection? ☐ Yes ☒ No
If yes, describe: ___
3. Surface seal: Bentonite ☐ 3 / Concrete ☒ 0 / Other ☐ ___
4. Material between well casing and protective pipe: SAND
Bentonite ☐ 3 / Other ☒ ___
5. Annular space seal: a. Granular/Chipped Bentonite ■ 3
b. ___ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 3
c. ___ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 3
d. ___ % Bentonite . . . . . Bentonite-cement grout ☐ 5
e. 75 lbs Ft³ volume added for any of the above
f. How installed: Annular Space and Bentonite Seals Concurrent
Tremie ☐ 0 / Tremie pumped ☐ 0 / Gravity ■ 0
6. Bentonite seal: a. Bentonite granules ■ 3
b. ☐1/4 in. ☐3/8 in. ☐1/2 in. Bentonite chips ☐ 3
c. ___ Other ☐ ___
7. Fine sand material: Manufacturer, product name & mesh siz
a. Red Silica 35-45
b. Volume added 50 lbs ft³
8. Filter pack material: Manufacturer, product name & mesh si
a. Red Flint 80-120
b. Volume added 3.0 lbs ft³
9. Well casing: Flush threaded PVC schedule 40 ☒ 2 / Flush threaded PVC schedule 80 ☐ 2 / Other ☐ ___
10. Screen material: Sch 40 2" PVC
a. Screen type: Factory cut ☒ 1 / Continuous slot ☐ 0 / Other ☐ ___
b. Manufacturer Environmental Well Products
c. Slot size: 0.010 in
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☒ 1 / Other ☐ ___

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

Signature: Mark S. Edson Firm: International Environmental Corp

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a 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 these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be

Pace Analytical®
www.pacelabs.com

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

October 21, 2010

TRENT OTT
ENVIRONMENTAL & DEVELOPMENT SO
6637 NORTH SIDNEY PLACE
Milwaukee, WI 53209

RE: Project: 091203 5923 W. LINCOLN
Pace Project No.: 4038400

Dear TRENT OTT:
Enclosed are the analytical results for sample(s) received by the laboratory on October 18, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

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

Sincerely,

Brian Basten

brian.basten@pacelabs.com
Project Manager

Enclosures

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

CERTIFICATIONS

Project: 091203 5923 W. LINCOLN
Pace Project No.: 4038400

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
California Certification #: 09268CA
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444

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

SAMPLE SUMMARY

Project: 091203 5923 W. LINCOLN
Pace Project No.: 4038400

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4038400001	**W-8R : 8-10**	Solid	10/16/10 00:00	10/18/10 14:00
4038400002	**W-5R : 10-12**	Solid	10/16/10 00:00	10/18/10 14:00

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

SAMPLE ANALYTE COUNT

Project: 091203 5923 W. LINCOLN
Pace Project No.: 4038400

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4038400001	**W-8R : 8-10**	WI MOD GRO	PMS	10	PASI-G
		ASTM D2974-87	KAM	1	PASI-G
4038400002	**W-5R : 10-12**	WI MOD GRO	PMS	10	PASI-G
		ASTM D2974-87	MRN	1	PASI-G

Pace Analytical
www.pacelabs.com

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

ANALYTICAL RESULTS

Project: 091203 5923 W. LINCOLN
Pace Project No.: 4038400

Sample: W-8R : 8-10 **Lab ID: 4038400001** Collected: 10/16/10 00:00 Received: 10/18/10 14:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	10/19/10 10:22	10/19/10 14:39	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/19/10 10:22	10/19/10 14:39	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	10/19/10 10:22	10/19/10 14:39	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	10/19/10 10:22	10/19/10 14:39	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	10/19/10 10:22	10/19/10 14:39	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/19/10 10:22	10/19/10 14:39	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/19/10 10:22	10/19/10 14:39	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	10/19/10 10:22	10/19/10 14:39	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	10/19/10 10:22	10/19/10 14:39	95-47-6	W
a,a,a-Trifluorotoluene (S)	108	%	80-120		1	10/19/10 10:22	10/19/10 14:39	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**3.9**	%	0.10	0.10	1		10/20/10 07:47		

Sample: W-5R : 10-12 **Lab ID: 4038400002** Collected: 10/16/10 00:00 Received: 10/18/10 14:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<50.0**	ug/kg	120	50.0	2	10/19/10 10:22	10/19/10 17:37	71-43-2	W
Ethylbenzene	**2680**	ug/kg	137	56.9	2	10/19/10 10:22	10/19/10 17:37	100-41-4	
Methyl-tert-butyl ether	**69.8J**	ug/kg	137	56.9	2	10/19/10 10:22	10/19/10 17:37	1634-04-4	
Naphthalene	**4560**	ug/kg	137	56.9	2	10/19/10 10:22	10/19/10 17:37	91-20-3	
Toluene	**242**	ug/kg	137	56.9	2	10/19/10 10:22	10/19/10 17:37	108-88-3	
1,2,4-Trimethylbenzene	**1800**	ug/kg	137	56.9	2	10/19/10 10:22	10/19/10 17:37	95-63-6	
1,3,5-Trimethylbenzene	**1160**	ug/kg	137	56.9	2	10/19/10 10:22	10/19/10 17:37	108-67-8	
m&p-Xylene	**1400**	ug/kg	273	114	2	10/19/10 10:22	10/19/10 17:37	179601-23-1	
o-Xylene	**576**	ug/kg	137	56.9	2	10/19/10 10:22	10/19/10 17:37	95-47-6	
a,a,a-Trifluorotoluene (S)	125	%	80-120		2	10/19/10 10:22	10/19/10 17:37	98-08-8	D3,S7
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.1**	%	0.10	0.10	1		10/21/10 07:21		

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

QUALITY CONTROL DATA

Project: 091203 5923 W. LINCOLN
Pace Project No.: 4038400

QC Batch: GCV/5729 Analysis Method: WI MOD GRO
QC Batch Method: TPH GRO/PVOC WI ext. Analysis Description: WIGRO Solid GCV
Associated Lab Samples: 4038400001, 4038400002

METHOD BLANK: 371769 Matrix: Solid
Associated Lab Samples: 4038400001, 4038400002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	10/19/10 09:53	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	10/19/10 09:53	
Benzene	ug/kg	<25.0	60.0	10/19/10 09:53	
Ethylbenzene	ug/kg	<25.0	60.0	10/19/10 09:53	
m&p-Xylene	ug/kg	<50.0	120	10/19/10 09:53	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	10/19/10 09:53	
Naphthalene	ug/kg	<25.0	60.0	10/19/10 09:53	
o-Xylene	ug/kg	<25.0	60.0	10/19/10 09:53	
Toluene	ug/kg	<25.0	60.0	10/19/10 09:53	
a,a,a-Trifluorotoluene (S)	%	108	80-120	10/19/10 09:53	

LABORATORY CONTROL SAMPLE & LCSD: 371770 371771

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1000	1030	1080	103	108	80-120	5	20	
1,3,5-Trimethylbenzene	ug/kg	1000	1010	1060	101	106	80-120	5	20	
Benzene	ug/kg	1000	970	1000	97	100	80-120	3	20	
Ethylbenzene	ug/kg	1000	1010	1060	101	106	80-120	4	20	
m&p-Xylene	ug/kg	2000	2040	2130	102	106	80-120	4	20	
Methyl-tert-butyl ether	ug/kg	1000	973	1020	97	102	80-120	5	20	
Naphthalene	ug/kg	1000	1040	1110	104	111	80-120	7	20	
o-Xylene	ug/kg	1000	1010	1060	101	106	80-120	4	20	
Toluene	ug/kg	1000	990	1040	99	104	80-120	5	20	
a,a,a-Trifluorotoluene (S)	%				107	107	80-120			

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

QUALITY CONTROL DATA

Project: 091203 5923 W. LINCOLN
Pace Project No.: 4038400

QC Batch: PMST/4768
QC Batch Method: ASTM D2974-87
Associated Lab Samples: 4038400001

Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture

SAMPLE DUPLICATE: 372005

Parameter	Units	4038395001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	81.8	82.1	.3	10	

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

QUALITY CONTROL DATA

Project: 091203 5923 W. LINCOLN
Pace Project No.: 4038400

QC Batch: PMST/4770
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4038400002

SAMPLE DUPLICATE: 372182

Parameter	Units	4038400002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.1	12.1	.4	10	

Pace Analytical®
www.pacelabs.com

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

QUALIFIERS

Project: 091203 5923 W. LINCOLN
Pace Project No.: 4038400

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

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

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

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

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
S7	Surrogate recovery outside control limits (not confirmed by re-analysis).
W	Non-detect results are reported on a wet weight basis.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 091203 5923 W. LINCOLN
Pace Project No.: 4038400

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4038400001	**W-8R : 8-10**	TPH GRO/PVOC WI ext.	GCV/5729	WI MOD GRO	GCV/5730
4038400002	**W-5R : 10-12**	TPH GRO/PVOC WI ext.	GCV/5729	WI MOD GRO	GCV/5730
4038400001	**W-8R : 8-10**	ASTM D2974-87	PMST/4768		
4038400002	**W-5R : 10-12**	ASTM D2974-87	PMST/4770		

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

Pace Analytical®
www.pacelabs.com

CHAIN OF CUSTODY

4038400

KM

(Please Print Clearly)	
Company Name:	EDS, INC.
Branch/Location:	MILW, WI
Project Contact:	JASON BARTLEY
Phone:	(414) 228-9810
Project Number:	091203
Project Name:	5923 W. LINCOLN
Project State:	WI
Sampled By (Print):	JASON E. BARTLEY
Sampled By (Sign):	
PO #:	Regulatory Program:

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

Quote #:	
Mail To Contact:	SAME
Mail To Company:	
Mail To Address:	Jbartley@edsinc.us
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	SAME
Invoice To Phone:	

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: PVOC+NAPH	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	W-8R:8-10	10-16-10		S	NA	F	X	PID=<1	1-40zp ; 1-40z CGF	
002	W-5R:10-12	"		"			X	=>1,000	1 1	

Relinquished By:	Date/Time:	Received By:	Date/Time:
Jason E. Bartley	10-18-10 1050	D. Fawcett	10/18/10 1050
D. Fawcett	10/18/10 12:00	D. Mielke	10/18/10 12:00
D. Mielke	10/18/10 14:00	L. Bielinski-Pace	10/18/10 14:00

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

Transmit Prelim Rush Results by (complete what you want):
Email #1:
Email #2:
Telephone:
Fax:

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

PACE Project No. 4038400

Receipt Temp = 1.1 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present
Intact / Not Intact

Version 6.0 08/14/08

ORIGINAL

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

Pace Analytical

Sample Condition Upon Receipt

Client Name: EDS Project # 4038400

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

Tracking #: _____

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

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

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

Optional
Proj. Due Date:
Proj. Name:

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

Cooler Temperature 10.1 **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: CB 10/18/10
Initials: _____

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

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

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 10-18-10

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

Pace Analytical®
www.pacelabs.com

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

November 22, 2010

JASON BARTLEY
ENVIRONMENTAL & DEVELOPMENT SO
6637 NORTH SIDNEY PLACE
Milwaukee, WI 53209

RE: Project: 091203 5923 W. LINCOLN
Pace Project No.: 4039386

Dear JASON BARTLEY:
Enclosed are the analytical results for sample(s) received by the laboratory on November 10, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

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

Sincerely,

Steven Mleczko for
Brian Basten
brian.basten@pacelabs.com
Project Manager

Enclosures

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

CERTIFICATIONS

Project: 091203 5923 W. LINCOLN
Pace Project No.: 4039386

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
California Certification #: 09268CA
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444

Pace Analytical
www.pacelabs.com

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

SAMPLE SUMMARY

Project: 091203 5923 W. LINCOLN
Pace Project No.: 4039386

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4039386001	**MW-8R**	Water	11/08/10 00:00	11/10/10 09:30
4039386002	**MW-7**	Water	11/08/10 00:00	11/10/10 09:30
4039386003	**MW-10**	Water	11/08/10 00:00	11/10/10 09:30
4039386004	**MW-1**	Water	11/08/10 00:00	11/10/10 09:30
4039386005	**MW-5R**	Water	11/08/10 00:00	11/10/10 09:30
4039386006	**WC-1**	Solid	11/08/10 00:00	11/10/10 09:30

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

SAMPLE ANALYTE COUNT

Project: 091203 5923 W. LINCOLN
Pace Project No.: 4039386

Lab ID	Sample ID	Method	Analysts	Analytes Reported
4039386001	MW-8R	EPA 8260	SMT	64
4039386002	MW-7	EPA 8260	SMT	64
4039386003	MW-10	WI MOD GRO	PMS	10
4039386004	MW-1	WI MOD GRO	PMS	10
4039386005	MW-5R	EPA 8260	SMT	64
4039386006	WC-1	EPA 6010	DLB	1
		ASTM D2974-87	AME	1

Pace Analytical
www.pacelabs.com

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

ANALYTICAL RESULTS

Project: 091203 5923 W. LINCOLN
Pace Project No.: 4039386

Sample: MW-8R **Lab ID: 4039386001** Collected: 11/08/10 00:00 Received: 11/10/10 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		11/11/10 09:16	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		11/11/10 09:16	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		11/11/10 09:16	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		11/11/10 09:16	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		11/11/10 09:16	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		11/11/10 09:16	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		11/11/10 09:16	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		11/11/10 09:16	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/11/10 09:16	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		11/11/10 09:16	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		11/11/10 09:16	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		11/11/10 09:16	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/11/10 09:16	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		11/11/10 09:16	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		11/11/10 09:16	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		11/11/10 09:16	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		11/11/10 09:16	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		11/11/10 09:16	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		11/11/10 09:16	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		11/11/10 09:16	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		11/11/10 09:16	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		11/11/10 09:16	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		11/11/10 09:16	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		11/11/10 09:16	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		11/11/10 09:16	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		11/11/10 09:16	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		11/11/10 09:16	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		11/11/10 09:16	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		11/11/10 09:16	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		11/11/10 09:16	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		11/11/10 09:16	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		11/11/10 09:16	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		11/11/10 09:16	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		11/11/10 09:16	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		11/11/10 09:16	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		11/11/10 09:16	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		11/11/10 09:16	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		11/11/10 09:16	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		11/11/10 09:16	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		11/11/10 09:16	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		11/11/10 09:16	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		11/11/10 09:16	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		11/11/10 09:16	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		11/11/10 09:16	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		11/11/10 09:16	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		11/11/10 09:16	630-20-6	

Pace Analytical
www.pacelabs.com

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

ANALYTICAL RESULTS

Project: 091203 5923 W. LINCOLN
Pace Project No.: 4039386

Sample: MW-8R **Lab ID: 4039386001** Collected: 11/08/10 00:00 Received: 11/10/10 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		11/11/10 09:16	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		11/11/10 09:16	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		11/11/10 09:16	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		11/11/10 09:16	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	1.0	0.97	1		11/11/10 09:16	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		11/11/10 09:16	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		11/11/10 09:16	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		11/11/10 09:16	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		11/11/10 09:16	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		11/11/10 09:16	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/11/10 09:16	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		11/11/10 09:16	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		11/11/10 09:16	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		11/11/10 09:16	179601-23-1	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		11/11/10 09:16	95-47-6	
4-Bromofluorobenzene (S)	95	%	69-130		1		11/11/10 09:16	460-00-4	
Dibromofluoromethane (S)	101	%	70-134		1		11/11/10 09:16	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		11/11/10 09:16	2037-26-5	

Sample: MW-7 **Lab ID: 4039386002** Collected: 11/08/10 00:00 Received: 11/10/10 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		11/11/10 09:38	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		11/11/10 09:38	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		11/11/10 09:38	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		11/11/10 09:38	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		11/11/10 09:38	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		11/11/10 09:38	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		11/11/10 09:38	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		11/11/10 09:38	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/11/10 09:38	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		11/11/10 09:38	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		11/11/10 09:38	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		11/11/10 09:38	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/11/10 09:38	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		11/11/10 09:38	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		11/11/10 09:38	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		11/11/10 09:38	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		11/11/10 09:38	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		11/11/10 09:38	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		11/11/10 09:38	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		11/11/10 09:38	74-95-3	

Pace Analytical
www.pacelabs.com

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

ANALYTICAL RESULTS

Project: 091203 5923 W. LINCOLN
Pace Project No.: 4039386

Sample: MW-7 **Lab ID: 4039386002** Collected: 11/08/10 00:00 Received: 11/10/10 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		11/11/10 09:38	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		11/11/10 09:38	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		11/11/10 09:38	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		11/11/10 09:38	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		11/11/10 09:38	75-34-3	
1,2-Dichloroethane	**3.2**	ug/L	1.0	0.36	1		11/11/10 09:38	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		11/11/10 09:38	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		11/11/10 09:38	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		11/11/10 09:38	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		11/11/10 09:38	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		11/11/10 09:38	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		11/11/10 09:38	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		11/11/10 09:38	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		11/11/10 09:38	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		11/11/10 09:38	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		11/11/10 09:38	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		11/11/10 09:38	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		11/11/10 09:38	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		11/11/10 09:38	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		11/11/10 09:38	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		11/11/10 09:38	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		11/11/10 09:38	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		11/11/10 09:38	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		11/11/10 09:38	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		11/11/10 09:38	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		11/11/10 09:38	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		11/11/10 09:38	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		11/11/10 09:38	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		11/11/10 09:38	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		11/11/10 09:38	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	1.0	0.97	1		11/11/10 09:38	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		11/11/10 09:38	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		11/11/10 09:38	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		11/11/10 09:38	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		11/11/10 09:38	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		11/11/10 09:38	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/11/10 09:38	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		11/11/10 09:38	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		11/11/10 09:38	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		11/11/10 09:38	179601-23-1	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		11/11/10 09:38	95-47-6	
4-Bromofluorobenzene (S)	97	%	69-130		1		11/11/10 09:38	460-00-4	
Dibromofluoromethane (S)	95	%	70-134		1		11/11/10 09:38	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		11/11/10 09:38	2037-26-5	

Pace Analytical
www.pacelabs.com

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

ANALYTICAL RESULTS

Project: 091203 5923 W. LINCOLN
Pace Project No.: 4039386

Sample: MW-10 **Lab ID: 4039386003** Collected: 11/08/10 00:00 Received: 11/10/10 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.39**	ug/L	1.0	0.39	1		11/12/10 17:22	71-43-2	
Ethylbenzene	**<0.41**	ug/L	1.0	0.41	1		11/12/10 17:22	100-41-4	
Methyl-tert-butyl ether	**<0.38**	ug/L	1.0	0.38	1		11/12/10 17:22	1634-04-4	
Naphthalene	**<0.40**	ug/L	1.0	0.40	1		11/12/10 17:22	91-20-3	
Toluene	**<0.42**	ug/L	1.0	0.42	1		11/12/10 17:22	108-88-3	
1,2,4-Trimethylbenzene	**<0.43**	ug/L	1.0	0.43	1		11/12/10 17:22	95-63-6	
1,3,5-Trimethylbenzene	**<0.40**	ug/L	1.0	0.40	1		11/12/10 17:22	108-67-8	
m&p-Xylene	**<0.87**	ug/L	2.0	0.87	1		11/12/10 17:22	179601-23-1	
o-Xylene	**<0.38**	ug/L	1.0	0.38	1		11/12/10 17:22	95-47-6	
a,a,a-Trifluorotoluene (S)	103	%	80-120		1		11/12/10 17:22	98-08-8	

Sample: MW-1 **Lab ID: 4039386004** Collected: 11/08/10 00:00 Received: 11/10/10 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.39**	ug/L	1.0	0.39	1		11/12/10 17:48	71-43-2	
Ethylbenzene	**<0.41**	ug/L	1.0	0.41	1		11/12/10 17:48	100-41-4	
Methyl-tert-butyl ether	**1.3**	ug/L	1.0	0.38	1		11/12/10 17:48	1634-04-4	
Naphthalene	**<0.40**	ug/L	1.0	0.40	1		11/12/10 17:48	91-20-3	
Toluene	**<0.42**	ug/L	1.0	0.42	1		11/12/10 17:48	108-88-3	
1,2,4-Trimethylbenzene	**<0.43**	ug/L	1.0	0.43	1		11/12/10 17:48	95-63-6	
1,3,5-Trimethylbenzene	**<0.40**	ug/L	1.0	0.40	1		11/12/10 17:48	108-67-8	
m&p-Xylene	**<0.87**	ug/L	2.0	0.87	1		11/12/10 17:48	179601-23-1	
o-Xylene	**<0.38**	ug/L	1.0	0.38	1		11/12/10 17:48	95-47-6	
a,a,a-Trifluorotoluene (S)	103	%	80-120		1		11/12/10 17:48	98-08-8	

Sample: MW-5R **Lab ID: 4039386005** Collected: 11/08/10 00:00 Received: 11/10/10 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**289**	ug/L	10.0	4.1	10		11/11/10 17:37	71-43-2	
Bromobenzene	**<8.2**	ug/L	10.0	8.2	10		11/11/10 17:37	108-86-1	
Bromochloromethane	**<9.7**	ug/L	10.0	9.7	10		11/11/10 17:37	74-97-5	
Bromodichloromethane	**<5.6**	ug/L	10.0	5.6	10		11/11/10 17:37	75-27-4	
Bromoform	**<9.4**	ug/L	10.0	9.4	10		11/11/10 17:37	75-25-2	
Bromomethane	**<9.1**	ug/L	10.0	9.1	10		11/11/10 17:37	74-83-9	
n-Butylbenzene	**35.4**	ug/L	10.0	9.3	10		11/11/10 17:37	104-51-8	
sec-Butylbenzene	**11.7J**	ug/L	50.0	8.9	10		11/11/10 17:37	135-98-8	
tert-Butylbenzene	**<9.7**	ug/L	10.0	9.7	10		11/11/10 17:37	98-06-6	
Carbon tetrachloride	**<4.9**	ug/L	10.0	4.9	10		11/11/10 17:37	56-23-5	

Pace Analytical
www.pacelabs.com

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

ANALYTICAL RESULTS

Project: 091203 5923 W. LINCOLN
Pace Project No.: 4039386

Sample: MW-5R **Lab ID: 4039386005** Collected: 11/08/10 00:00 Received: 11/10/10 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Chlorobenzene	**19.2**	ug/L	10.0	4.1	10		11/11/10 17:37	108-90-7	
Chloroethane	**<9.7**	ug/L	10.0	9.7	10		11/11/10 17:37	75-00-3	
Chloroform	**<13.0**	ug/L	50.0	13.0	10		11/11/10 17:37	67-66-3	
Chloromethane	**<2.4**	ug/L	10.0	2.4	10		11/11/10 17:37	74-87-3	
2-Chlorotoluene	**12.1**	ug/L	10.0	8.5	10		11/11/10 17:37	95-49-8	
4-Chlorotoluene	**<7.4**	ug/L	10.0	7.4	10		11/11/10 17:37	106-43-4	
1,2-Dibromo-3-chloropropane	**<16.8**	ug/L	50.0	16.8	10		11/11/10 17:37	96-12-8	
Dibromochloromethane	**<8.1**	ug/L	10.0	8.1	10		11/11/10 17:37	124-48-1	
1,2-Dibromoethane (EDB)	**<5.6**	ug/L	10.0	5.6	10		11/11/10 17:37	106-93-4	
Dibromomethane	**<6.0**	ug/L	10.0	6.0	10		11/11/10 17:37	74-95-3	
1,2-Dichlorobenzene	**8.6J**	ug/L	10.0	8.3	10		11/11/10 17:37	95-50-1	
1,3-Dichlorobenzene	**<8.7**	ug/L	10.0	8.7	10		11/11/10 17:37	541-73-1	
1,4-Dichlorobenzene	**<9.5**	ug/L	10.0	9.5	10		11/11/10 17:37	106-46-7	
Dichlorodifluoromethane	**<9.9**	ug/L	10.0	9.9	10		11/11/10 17:37	75-71-8	
1,1-Dichloroethane	**<7.5**	ug/L	10.0	7.5	10		11/11/10 17:37	75-34-3	
1,2-Dichloroethane	**<3.6**	ug/L	10.0	3.6	10		11/11/10 17:37	107-06-2	
1,1-Dichloroethene	**<5.7**	ug/L	10.0	5.7	10		11/11/10 17:37	75-35-4	
cis-1,2-Dichloroethene	**<8.3**	ug/L	10.0	8.3	10		11/11/10 17:37	156-59-2	
trans-1,2-Dichloroethene	**<8.9**	ug/L	10.0	8.9	10		11/11/10 17:37	156-60-5	
1,2-Dichloropropane	**<4.9**	ug/L	10.0	4.9	10		11/11/10 17:37	78-87-5	
1,3-Dichloropropane	**<6.1**	ug/L	10.0	6.1	10		11/11/10 17:37	142-28-9	
2,2-Dichloropropane	**<6.2**	ug/L	10.0	6.2	10		11/11/10 17:37	594-20-7	
1,1-Dichloropropene	**<7.5**	ug/L	10.0	7.5	10		11/11/10 17:37	563-58-6	
cis-1,3-Dichloropropene	**<2.0**	ug/L	10.0	2.0	10		11/11/10 17:37	10061-01-5	
trans-1,3-Dichloropropene	**<1.9**	ug/L	10.0	1.9	10		11/11/10 17:37	10061-02-6	
Diisopropyl ether	**<7.6**	ug/L	10.0	7.6	10		11/11/10 17:37	108-20-3	
Ethylbenzene	**1510**	ug/L	10.0	5.4	10		11/11/10 17:37	100-41-4	
Hexachloro-1,3-butadiene	**<6.7**	ug/L	50.0	6.7	10		11/11/10 17:37	87-68-3	
Isopropylbenzene (Cumene)	**76.6**	ug/L	10.0	5.9	10		11/11/10 17:37	98-82-8	
p-Isopropyltoluene	**6.7J**	ug/L	10.0	6.7	10		11/11/10 17:37	99-87-6	
Methylene Chloride	**<4.3**	ug/L	10.0	4.3	10		11/11/10 17:37	75-09-2	
Methyl-tert-butyl ether	**<6.1**	ug/L	10.0	6.1	10		11/11/10 17:37	1634-04-4	
Naphthalene	**421**	ug/L	50.0	8.9	10		11/11/10 17:37	91-20-3	
n-Propylbenzene	**231**	ug/L	10.0	8.1	10		11/11/10 17:37	103-65-1	
Styrene	**<8.6**	ug/L	10.0	8.6	10		11/11/10 17:37	100-42-5	
1,1,1,2-Tetrachloroethane	**<9.2**	ug/L	10.0	9.2	10		11/11/10 17:37	630-20-6	
1,1,2,2-Tetrachloroethane	**<2.0**	ug/L	10.0	2.0	10		11/11/10 17:37	79-34-5	
Tetrachloroethene	**<4.5**	ug/L	10.0	4.5	10		11/11/10 17:37	127-18-4	
Toluene	**37.6**	ug/L	10.0	6.7	10		11/11/10 17:37	108-88-3	
1,2,3-Trichlorobenzene	**<7.4**	ug/L	10.0	7.4	10		11/11/10 17:37	87-61-6	
1,2,4-Trichlorobenzene	**<9.7**	ug/L	10.0	9.7	10		11/11/10 17:37	120-82-1	
1,1,1-Trichloroethane	**<9.0**	ug/L	10.0	9.0	10		11/11/10 17:37	71-55-6	
1,1,2-Trichloroethane	**<4.2**	ug/L	10.0	4.2	10		11/11/10 17:37	79-00-5	
Trichloroethene	**<4.8**	ug/L	10.0	4.8	10		11/11/10 17:37	79-01-6	
Trichlorofluoromethane	**<7.9**	ug/L	10.0	7.9	10		11/11/10 17:37	75-69-4	
1,2,3-Trichloropropane	**<9.9**	ug/L	10.0	9.9	10		11/11/10 17:37	96-18-4	

Pace Analytical
www.pacelabs.com

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

ANALYTICAL RESULTS

Project: 091203 5923 W. LINCOLN
Pace Project No.: 4039386

Sample: MW-5R **Lab ID: 4039386005** Collected: 11/08/10 00:00 Received: 11/10/10 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,2,4-Trimethylbenzene	**24.2**	ug/L	10.0	9.7	10		11/11/10 17:37	95-63-6	
1,3,5-Trimethylbenzene	**15.7**	ug/L	10.0	8.3	10		11/11/10 17:37	108-67-8	
Vinyl chloride	**<1.8**	ug/L	10.0	1.8	10		11/11/10 17:37	75-01-4	
m&p-Xylene	**301**	ug/L	20.0	18.0	10		11/11/10 17:37	179601-23-1	
o-Xylene	**56.6**	ug/L	10.0	8.3	10		11/11/10 17:37	95-47-6	
4-Bromofluorobenzene (S)	98	%	69-130		10		11/11/10 17:37	460-00-4	
Dibromofluoromethane (S)	94	%	70-134		10		11/11/10 17:37	1868-53-7	
Toluene-d8 (S)	99	%	70-130		10		11/11/10 17:37	2037-26-5	

Sample: WC-1 **Lab ID: 4039386006** Collected: 11/08/10 00:00 Received: 11/10/10 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**7.1**	mg/kg	1.1	0.10	1	11/15/10 11:45	11/17/10 17:52	7439-92-1	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.6**	%	0.10	0.10	1		11/22/10 07:38		

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

QUALITY CONTROL DATA

Project: 091203 5923 W. LINCOLN
Pace Project No.: 4039386

QC Batch: GCV/5886 Analysis Method: WI MOD GRO
QC Batch Method: WI MOD GRO Analysis Description: WIGRO GCV Water
Associated Lab Samples: 4039386003, 4039386004

METHOD BLANK: 382998 Matrix: Water
Associated Lab Samples: 4039386003, 4039386004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.43	1.0	11/12/10 09:17	
1,3,5-Trimethylbenzene	ug/L	<0.40	1.0	11/12/10 09:17	
Benzene	ug/L	<0.39	1.0	11/12/10 09:17	
Ethylbenzene	ug/L	<0.41	1.0	11/12/10 09:17	
m&p-Xylene	ug/L	<0.87	2.0	11/12/10 09:17	
Methyl-tert-butyl ether	ug/L	<0.38	1.0	11/12/10 09:17	
Naphthalene	ug/L	<0.40	1.0	11/12/10 09:17	
o-Xylene	ug/L	<0.38	1.0	11/12/10 09:17	
Toluene	ug/L	<0.42	1.0	11/12/10 09:17	
a,a,a-Trifluorotoluene (S)	%	104	80-120	11/12/10 09:17	

LABORATORY CONTROL SAMPLE & LCSD: 382999 383000

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	20.6	20.8	103	104	80-120	1	20	
1,3,5-Trimethylbenzene	ug/L	20	20.7	21.0	104	105	80-120	1	20	
Benzene	ug/L	20	20.9	20.9	105	105	80-120	.003	20	
Ethylbenzene	ug/L	20	21.0	21.2	105	106	80-120	1	20	
m&p-Xylene	ug/L	40	41.7	42.1	104	105	80-120	.7	20	
Methyl-tert-butyl ether	ug/L	20	21.7	21.8	108	109	80-120	.8	20	
Naphthalene	ug/L	20	19.9	20.7	100	103	80-120	4	20	
o-Xylene	ug/L	20	20.7	20.9	104	105	80-120	.9	20	
Toluene	ug/L	20	21.0	21.2	105	106	80-120	.8	20	
a,a,a-Trifluorotoluene (S)	%				101	103	80-120			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 383001 383002

Parameter	Units	4039368002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trimethylbenzene	ug/L	4.3J	200	200	206	207	101	101	31-178	.6	20	
1,3,5-Trimethylbenzene	ug/L	<4.0	200	200	207	210	104	105	66-145	1	20	
Benzene	ug/L	3160	200	200	3380	3170	107	4	23-177	6	20	M1
Ethylbenzene	ug/L	47.6	200	200	255	253	104	103	63-144	.8	20	
m&p-Xylene	ug/L	46.9	400	400	456	456	102	102	39-172	.02	20	
Methyl-tert-butyl ether	ug/L	<3.8	200	200	212	213	106	107	80-120	.3	20	
Naphthalene	ug/L	<4.0	200	200	189	191	94	95	63-140	1	20	
o-Xylene	ug/L	71.8	200	200	270	267	99	97	60-150	1	20	
Toluene	ug/L	119	200	200	320	318	101	100	53-164	.6	20	
a,a,a-Trifluorotoluene (S)	%						95	96	80-120			

Pace Analytical
www.pacelabs.com

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

QUALITY CONTROL DATA

Project: 091203 5923 W. LINCOLN
Pace Project No.: 4039386

QC Batch: MPRP/4779
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Associated Lab Samples: 4039386006

METHOD BLANK: 384292 Matrix: Solid
Associated Lab Samples: 4039386006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/kg	<0.097	1.0	11/17/10 16:10	

LABORATORY CONTROL SAMPLE: 384293

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	50	51.0	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 384294 384295

Parameter	Units	4039330094 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/kg	58.9	57.7	57.1	99.8	116	71	100	75-125	15	20	M0

Pace Analytical
www.pacelabs.com

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

QUALITY CONTROL DATA

Project: 091203 5923 W. LINCOLN
Pace Project No.: 4039386

QC Batch: MSV/9589 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4039386001, 4039386002, 4039386005

METHOD BLANK: 382719 Matrix: Water
Associated Lab Samples: 4039386001, 4039386002, 4039386005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.92	1.0	11/11/10 07:45	
1,1,1-Trichloroethane	ug/L	<0.90	1.0	11/11/10 07:45	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	1.0	11/11/10 07:45	
1,1,2-Trichloroethane	ug/L	<0.42	1.0	11/11/10 07:45	
1,1-Dichloroethane	ug/L	<0.75	1.0	11/11/10 07:45	
1,1-Dichloroethene	ug/L	<0.57	1.0	11/11/10 07:45	
1,1-Dichloropropene	ug/L	<0.75	1.0	11/11/10 07:45	
1,2,3-Trichlorobenzene	ug/L	<0.74	1.0	11/11/10 07:45	
1,2,3-Trichloropropane	ug/L	<0.99	1.0	11/11/10 07:45	
1,2,4-Trichlorobenzene	ug/L	<0.97	1.0	11/11/10 07:45	
1,2,4-Trimethylbenzene	ug/L	<0.97	1.0	11/11/10 07:45	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	5.0	11/11/10 07:45	
1,2-Dibromoethane (EDB)	ug/L	<0.56	1.0	11/11/10 07:45	
1,2-Dichlorobenzene	ug/L	<0.83	1.0	11/11/10 07:45	
1,2-Dichloroethane	ug/L	<0.36	1.0	11/11/10 07:45	
1,2-Dichloropropane	ug/L	<0.49	1.0	11/11/10 07:45	
1,3,5-Trimethylbenzene	ug/L	<0.83	1.0	11/11/10 07:45	
1,3-Dichlorobenzene	ug/L	<0.87	1.0	11/11/10 07:45	
1,3-Dichloropropane	ug/L	<0.61	1.0	11/11/10 07:45	
1,4-Dichlorobenzene	ug/L	<0.95	1.0	11/11/10 07:45	
2,2-Dichloropropane	ug/L	<0.62	1.0	11/11/10 07:45	
2-Chlorotoluene	ug/L	<0.85	1.0	11/11/10 07:45	
4-Chlorotoluene	ug/L	<0.74	1.0	11/11/10 07:45	
Benzene	ug/L	<0.41	1.0	11/11/10 07:45	
Bromobenzene	ug/L	<0.82	1.0	11/11/10 07:45	
Bromochloromethane	ug/L	<0.97	1.0	11/11/10 07:45	
Bromodichloromethane	ug/L	<0.56	1.0	11/11/10 07:45	
Bromoform	ug/L	<0.94	1.0	11/11/10 07:45	
Bromomethane	ug/L	<0.91	1.0	11/11/10 07:45	
Carbon tetrachloride	ug/L	<0.49	1.0	11/11/10 07:45	
Chlorobenzene	ug/L	<0.41	1.0	11/11/10 07:45	
Chloroethane	ug/L	<0.97	1.0	11/11/10 07:45	
Chloroform	ug/L	<1.3	5.0	11/11/10 07:45	
Chloromethane	ug/L	<0.24	1.0	11/11/10 07:45	
cis-1,2-Dichloroethene	ug/L	<0.83	1.0	11/11/10 07:45	
cis-1,3-Dichloropropene	ug/L	<0.20	1.0	11/11/10 07:45	
Dibromochloromethane	ug/L	<0.81	1.0	11/11/10 07:45	
Dibromomethane	ug/L	<0.60	1.0	11/11/10 07:45	
Dichlorodifluoromethane	ug/L	<0.99	1.0	11/11/10 07:45	
Diisopropyl ether	ug/L	<0.76	1.0	11/11/10 07:45	
Ethylbenzene	ug/L	<0.54	1.0	11/11/10 07:45	
Hexachloro-1,3-butadiene	ug/L	<0.67	5.0	11/11/10 07:45	
Isopropylbenzene (Cumene)	ug/L	<0.59	1.0	11/11/10 07:45	

Pace Analytical
www.pacelabs.com

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

QUALITY CONTROL DATA

Project: 091203 5923 W. LINCOLN
Pace Project No.: 4039386

METHOD BLANK: 382719 Matrix: Water

Associated Lab Samples: 4039386001, 4039386002, 4039386005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/L	<1.8	2.0	11/11/10 07:45	
Methyl-tert-butyl ether	ug/L	<0.61	1.0	11/11/10 07:45	
Methylene Chloride	ug/L	<0.43	1.0	11/11/10 07:45	
n-Butylbenzene	ug/L	<0.93	1.0	11/11/10 07:45	
n-Propylbenzene	ug/L	<0.81	1.0	11/11/10 07:45	
Naphthalene	ug/L	<0.89	5.0	11/11/10 07:45	
o-Xylene	ug/L	<0.83	1.0	11/11/10 07:45	
p-Isopropyltoluene	ug/L	<0.67	1.0	11/11/10 07:45	
sec-Butylbenzene	ug/L	<0.89	5.0	11/11/10 07:45	
Styrene	ug/L	<0.86	1.0	11/11/10 07:45	
tert-Butylbenzene	ug/L	<0.97	1.0	11/11/10 07:45	
Tetrachloroethene	ug/L	<0.45	1.0	11/11/10 07:45	
Toluene	ug/L	<0.67	1.0	11/11/10 07:45	
trans-1,2-Dichloroethene	ug/L	<0.89	1.0	11/11/10 07:45	
trans-1,3-Dichloropropene	ug/L	<0.19	1.0	11/11/10 07:45	
Trichloroethene	ug/L	<0.48	1.0	11/11/10 07:45	
Trichlorofluoromethane	ug/L	<0.79	1.0	11/11/10 07:45	
Vinyl chloride	ug/L	<0.18	1.0	11/11/10 07:45	
4-Bromofluorobenzene (S)	%	98	69-130	11/11/10 07:45	
Dibromofluoromethane (S)	%	98	70-134	11/11/10 07:45	
Toluene-d8 (S)	%	99	70-130	11/11/10 07:45	

LABORATORY CONTROL SAMPLE & LCSD: 382720 382721

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	53.8	53.6	108	107	70-132	.3	20	
1,1,2,2-Tetrachloroethane	ug/L	50	42.9	42.1	86	84	63-130	2	20	
1,1,2-Trichloroethane	ug/L	50	50.3	48.7	101	97	70-130	3	20	
1,1-Dichloroethane	ug/L	50	52.7	51.7	105	103	70-132	2	20	
1,1-Dichloroethene	ug/L	50	55.2	51.5	110	103	70-137	7	20	
1,2-Dichloroethane	ug/L	50	52.6	50.8	105	102	70-130	3	20	
1,2-Dichloropropane	ug/L	50	52.3	51.2	105	102	70-130	2	20	
Benzene	ug/L	50	51.8	51.6	104	103	70-130	.4	20	
Bromodichloromethane	ug/L	50	53.1	51.8	106	104	70-131	2	20	
Bromoform	ug/L	50	45.7	46.1	91	92	70-130	.8	20	
Bromomethane	ug/L	50	44.0	45.9	88	92	53-160	4	20	
Carbon tetrachloride	ug/L	50	56.9	56.2	114	112	70-130	1	20	
Chlorobenzene	ug/L	50	49.4	51.4	99	103	70-130	4	20	
Chloroethane	ug/L	50	51.8	52.9	104	106	70-147	2	20	
Chloroform	ug/L	50	50.2	51.9	100	104	70-130	3	20	
Chloromethane	ug/L	50	39.1	38.6	78	77	41-137	1	20	
cis-1,2-Dichloroethene	ug/L	50	50.0	49.8	100	100	70-130	.5	20	
cis-1,3-Dichloropropene	ug/L	50	53.1	51.3	106	103	70-130	3	20	
Dibromochloromethane	ug/L	50	53.1	52.7	106	105	70-130	.7	20	
Ethylbenzene	ug/L	50	52.0	52.5	104	105	70-130	.9	20	

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

QUALITY CONTROL DATA

Project: 091203 5923 W. LINCOLN
Pace Project No.: 4039386

LABORATORY CONTROL SAMPLE & LCSD: 382720 382721

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/L	100	107	109	107	109	70-130	2	20	
Methylene Chloride	ug/L	50	51.9	49.0	104	98	70-130	6	20	
o-Xylene	ug/L	50	53.9	53.8	108	108	70-130	.06	20	
Styrene	ug/L	50	52.3	51.8	105	104	70-130	1	20	
Tetrachloroethene	ug/L	50	51.9	52.4	104	105	70-130	.8	20	
Toluene	ug/L	50	52.8	51.0	106	102	70-130	3	20	
trans-1,2-Dichloroethene	ug/L	50	52.7	51.8	105	104	70-130	2	20	
trans-1,3-Dichloropropene	ug/L	50	48.7	49.5	97	99	70-130	2	20	
Trichloroethene	ug/L	50	52.7	51.2	105	102	70-130	3	20	
Vinyl chloride	ug/L	50	41.9	41.6	84	83	47-131	.7	20	
4-Bromofluorobenzene (S)	%				100	101	69-130			
Dibromofluoromethane (S)	%				96	96	70-134			
Toluene-d8 (S)	%				98	98	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 382923 382924

Parameter	Units	4039435001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.90	50	50	52.4	54.1	105	108	70-132	3	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	50	50	43.3	44.4	87	89	61-130	3	20	
1,1,2-Trichloroethane	ug/L	<0.42	50	50	48.8	50.3	98	101	70-130	3	20	
1,1-Dichloroethane	ug/L	<0.75	50	50	51.1	53.1	102	106	70-132	4	20	
1,1-Dichloroethene	ug/L	<0.57	50	50	54.1	51.6	108	103	70-137	5	20	
1,2-Dichloroethane	ug/L	<0.36	50	50	51.1	52.8	102	106	70-133	3	20	
1,2-Dichloropropane	ug/L	<0.49	50	50	51.3	50.1	103	100	70-130	2	20	
Benzene	ug/L	<0.41	50	50	51.6	51.8	103	104	70-130	.4	20	
Bromodichloromethane	ug/L	<0.56	50	50	52.8	51.9	106	104	70-131	2	20	
Bromoform	ug/L	<0.94	50	50	45.0	45.4	90	91	68-130	1	20	
Bromomethane	ug/L	<0.91	50	50	37.6	44.4	75	89	47-177	17	20	
Carbon tetrachloride	ug/L	<0.49	50	50	55.3	56.2	111	112	70-149	2	20	
Chlorobenzene	ug/L	<0.41	50	50	49.3	48.6	99	97	70-130	1	20	
Chloroethane	ug/L	<0.97	50	50	50.2	50.3	100	101	66-147	.2	20	
Chloroform	ug/L	<1.3	50	50	51.7	51.4	103	103	70-130	.7	20	
Chloromethane	ug/L	<0.24	50	50	37.2	37.1	74	74	41-137	.2	20	
cis-1,2-Dichloroethene	ug/L	<0.83	50	50	48.7	49.7	97	99	70-130	2	20	
cis-1,3-Dichloropropene	ug/L	<0.20	50	50	52.4	51.7	105	103	70-130	1	20	
Dibromochloromethane	ug/L	<0.81	50	50	52.0	49.8	104	100	70-130	4	20	
Ethylbenzene	ug/L	<0.54	50	50	53.1	52.4	106	105	70-130	1	20	
m&p-Xylene	ug/L	<1.8	100	100	108	105	108	105	70-130	3	20	
Methylene Chloride	ug/L	<0.43	50	50	50.0	50.1	100	100	70-130	.1	20	
o-Xylene	ug/L	<0.83	50	50	52.6	52.8	105	106	70-130	.3	20	
Styrene	ug/L	<0.86	50	50	51.5	51.7	103	103	13-149	.3	20	
Tetrachloroethene	ug/L	<0.45	50	50	53.7	51.3	107	103	70-130	5	20	
Toluene	ug/L	<0.67	50	50	51.4	51.5	103	103	70-130	.3	20	
trans-1,2-Dichloroethene	ug/L	<0.89	50	50	52.5	52.3	105	105	70-130	.5	20	
trans-1,3-Dichloropropene	ug/L	<0.19	50	50	48.4	47.5	97	95	70-130	2	20	
Trichloroethene	ug/L	<0.48	50	50	51.2	51.9	102	104	70-130	1	20	

Pace Analytical®
www.pacelabs.com

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

QUALITY CONTROL DATA

Project: 091203 5923 W. LINCOLN
Pace Project No.: 4039386

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 382923 382924

Parameter	Units	4039435001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Vinyl chloride	ug/L	<0.18	50	50	39.1	41.9	78	84	46-131	7	20	
4-Bromofluorobenzene (S)	%						101	101	69-130			
Dibromofluoromethane (S)	%						97	99	70-134			
Toluene-d8 (S)	%						100	102	70-130			

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

QUALITY CONTROL DATA

Project: 091203 5923 W. LINCOLN
Pace Project No.: 4039386

QC Batch: PMST/4906
QC Batch Method: ASTM D2974-87
Associated Lab Samples: 4039386006

Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture

SAMPLE DUPLICATE: 387021

Parameter	Units	4039386006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.6	14.1	3	10	

Pace Analytical
www.pacelabs.com

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

QUALIFIERS

Project: 091203 5923 W. LINCOLN
Pace Project No.: 4039386

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

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

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

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

ANALYTE QUALIFIERS

M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

4039386

Pace Analytical®
www.pacelabs.com

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

CHAIN OF CUSTODY

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

(Please Print Clearly)	
Company Name:	EDS, INC.
Branch/Location:	MILW
Project Contact:	JASON BARTLEY
Phone:	(414) 228-9810
Project Number:	091203
Project Name:	5923 W. LINCOLN
Project State:	WI
Sampled By (Print):	JASON E. BARTLEY
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	JASON BARTLEY
Mail To Company:	EDS, INC.
Mail To Address:	jbartley@edsinc.us
Invoice To Contact:	
Invoice To Company:	SAME
Invoice To Address:	6637 N. SIDNEY PL MILW, WI 53209
Invoice To Phone:	(414) 228-9810

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

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

Matrix Codes

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: VOC	PVOC TNAPH	TOTAL Pb
					N	B			
					N	B			
					NA	A			
001	MW-8R	11-8-10		GW			X		
002	MW-7	"		"			X		
003	MW-10	"		"				X	
004	MW-1	"		"				X	
005	MW-5R	"		"			X	X	
006	WC-1	"		S					X

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
	3-40ml B	
	↓	
	1-4ozp A	

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

Transmit Prelim Rush Results by (complete what you want):
Email #1:
Email #2:
Telephone:
Fax:

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
	11/9/10 950	D. Fenwick	11/9/10 0950
D. Fenwick	11/9/10 1700		
CS Logistics	11/10/10 0930	R Mielke PACE	11/10/10 0930

PACE Project No.
4039386

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

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

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

Pace Analytical

Sample Condition Upon Receipt

Client Name: EDS, INC. Project # 4039386

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

Tracking #: _____ KM 11/10/10

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

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

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

Thermometer Used N/A **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

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

Temp Blank Present: ☐ yes ☑ no

Optional
Proj. Due Date:
Proj. Name:

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

Person examining contents:
Date: 11/10/10
Initials: KM

				Comments:
Chain of Custody Present:	☑Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☑Yes	☐No	☐N/A	2.
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes	☑No	☐N/A	6.
Rush Turn Around Time Requested:	☐Yes	☑No	☐N/A	7.
Sufficient Volume:	☑Yes	☐No	☐N/A	8.
Correct Containers Used:	☑Yes	☐No	☐N/A	9.
-Pace Containers Used:	☑Yes	☐No	☐N/A	
Containers Intact:	☑Yes	☐No	☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☑No	☐N/A	11.
Sample Labels match COC:	☐Yes	☑No	☐N/A	12. SAMPLE 001 IS LABELED MW-8 ON COC MW-8R. SAMPLE 005 IS LABELED MW-5 ON COC MW-5R. ALL SAMPLES ARE LABELED WITH PROJECT # 091205 AND CORRECT ADDRESS BUT COC STATES PROJECT # 091203 KM 11/10/10
-Includes date/time/ID/Analysis Matrix: W/S				
All containers needing preservation have been checked.	☐Yes	☐No	☑N/A	13. Follow COC per SB 11-10-10
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes	☐No	☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes	☐No		Initial when completed: ___ Lot # of added preservative: ___
Samples checked for dechlorination:	☐Yes	☐No	☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes	☑No	☐N/A	15.
Trip Blank Present:	☐Yes	☑No	☐N/A	16.
Trip Blank Custody Seals Present	☐Yes	☐No	☑N/A	
Pace Trip Blank Lot # (if purchased): _____				

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 11-10-10

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