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environmental & development solutions, inc.

October 11, 2011

Ms. Monica Weis
Wisconsin Department of Safety and Professional Services
9316 N. 107th Street
Milwaukee, WI 53224-1121

RE: Groundwater Sampling Results Letter and Bid Deferral Request 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 Department of Safety and Professional Services ("DSPS") for the above-referenced site (the "site"). This letter presents the results of recent 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 included a site description and brief project background. The site location and general site features are illustrated on the attached Figures 1 and 2. Based on the results, we recommend preparing a closure request with placement of the site on the DNR's groundwater Geographic Information System (GIS) registry.

Based on the anticipated scope to complete the project, the costs to closure will need to be deferred from the public bidding process. The breakdown of the scope of work and costs to complete the project per the applicable Usual & Customary Cost (UCC) Schedule are summarized on the attached table. These costs do not include additional investigation or groundwater monitoring that may be required/requested by DSPS.

Groundwater Sampling Results

On April 13, 2011 and July 7, 2011, EDS conducted the second and third rounds of the approved quarterly groundwater monitoring. EDS measured the depth to groundwater

at each well before purging and then sampling each well. All purge water was disposed via the on-site sanitary sewer connection in accordance with MMSD requirements.

The groundwater elevation measurements obtained to date are summarized in the attached Table 2. Based on those measurements, the direction of groundwater flow was to the northeast, and is illustrated on Figure 3.

The groundwater analytical results obtained to date are summarized in the attached Table 3 and the laboratory reports for the April 2011 and July 2011 groundwater sampling are also attached. No VOC concentrations were detected above ES in the groundwater monitoring wells with the exception of benzene, ethylbenzene and naphthalene at MW-5R. 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 1.1 parts per billion (ppb) in July 2011 sampling, 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. MW-5R also exhibited a concentration of the trimethylbenzene (TMB) of 150.4 ppb in April 2011 sampling and 235 ppb in July 2011 sampling, which is slightly above its preventive action limit (PAL) of 96 ppb. The remaining compounds detected at MW-5R were below their respective preventive action limits (PALs) or below detection limits.

Conclusions and Recommendations

The most recent groundwater results indicate that the only remaining impacts above the DNR's ES are at MW-5R. The results demonstrate a decreasing trend in the perimeter wells and define the groundwater plume to the south, west and north. Based on the results of the groundwater monitoring, EDS believes a closure request is appropriate at this time.

EDS recommends preparation and submittal of a closure request and documentation listing the site on the DNR's groundwater geographic information system (GIS) registry for residual groundwater impacts. A table outlining the scope of work and costs to complete a closure request and GIS packet and conduct the well abandonment consistent with the schedule of usual and customary costs (UCC) in Comm 47 is included for your review. The UCC costs to obtain closure are $4,690.85.

Please provide written approval of the outlined costs and confirmation that the described scope of work can continue to be conducted per the UCC schedule through the bid deferment process.

Please call us at (414) 228-9810 if there are any questions or comments.

Respectfully,

Environmental & Development Solutions, Inc.

Richard W. Frieseke

Richard W. Frieseke
President

Michael J. Rauwerdink

Michael J. Rauwerdink
Project Assistant

attachments

cc: Mr. Satwant Kaleka

091203i

U&C Cost Schedule
Closure & Bid Deferral Request
D&M Motors Property

Code	Task	Description	Unit	Number	Unit Cost	Total Cost	Notes
CR05	Closure Request	Closure Request	Submittal	1	1,969.50	1,969.50	
CR15	Closure Request	GIS Packet (Source)	Submittal	1	483.20	483.20	
WAB05	Well Abandonment	Coordination (Consultant)	Site	1	155.10	155.10	
WAB10	Well Abandonment	Water<30 ft	Ft	80	2.40	191.35 -192	5 wells Short by .65¢
WAB20	Well Abandonment	Bentonite	Bag	5.0	10.30	51.50	
WAB25	Well Abandonment	Concrete	Bag	2	7.80	15.60	
WAB30	Well Abandonment	Mob	Site	1	345.00	345.00	
CS05	Claim Submittal	Claim Submittal	Claim	2	558.00	1,116.00	
COR05	Change Order	Cap Exceedance	Submittal	1	363.60	363.60	Current request
					TOTAL=	4,690.85	

Claim Submittal removed but approved in letter.

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**
	4/13/11				5.92	6.57	**697.59**
	7/7/11				7.42	8.07	**696.09**
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**
	4/13/11				9.35	9.82	**692.83**
	7/7/11				9.21	9.68	**692.97**
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**
	4/13/11				10.02	10.44	**692.90**
	7/7/11				10.04	10.46	**692.88**
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**
	4/13/11				9.40	9.89	**690.83**
	7/7/11				9.56	10.05	**690.67**
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**
	4/13/11				5.41	6.26	**698.35**
	7/7/11				6.85	7.70	**696.91**

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
	4/13/11	<0.39	<0.41	<0.38	<0.40	<0.42	<0.83	<1.25	NA	NA	NA	NA
	7/7/11	<0.39	<0.41	<0.38	<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/ MW-5R	6/18/99	**30**	54	<0.42	***26***	4.0	***132***	177	<1.5	<0.38	1.3	<1.4
	11/8/10	**289**	**1,510**	<6.1	**421**	37.6	39.9	357.6	<2.4	<7.5	<8.3	NA
	4/13/11	**198**	**1,580**	10.3	**309**	50.7	***150.4***	541.3	<2.4			
	7/7/11	**249**	**1,650**	7.2J	**488**	60.3	***235***	744	NA	NA	NA	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
	4/13/11	<0.41	<0.54	<0.61	<0.89	<0.67	<1.8	2.6	NA	0.36	NA	NA
	7/7/11	<0.41	<0.54	<0.61	<0.89	<0.67	<1.8	<2.6	NA	*1.1*	NA	NA
MW-8/ MW-8R	6/18/99	<0.19	<0.16	<0.21	<0.46	<0.33	<0.52	<0.54	**65**	<0.19	<0.2	<1.4
	11/8/10	<0.41	<0.54	<0.61	<0.89	<0.67	<1.8	<2.63	<0.24	<0.36	<0.83	NA
	4/13/11	<0.39	<0.41	<0.38	<0.40	<0.40	<0.83	<1.25	NA	NA	NA	NA
	7/7/11	<0.39	<0.41	<0.38	<0.40	<0.40	<0.83	<1.25	NA	NA	NA	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
	4/13/11	<0.39	<0.41	<0.38	<0.40	<0.42	<0.83	<1.25	NA	NA	NA	NA
	7/7/11	<0.39	<0.41	4.6	<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

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

July 18, 2011

Rick Frieseke
ENVIRONMENTAL & DEVELOPMENT SO
6637 NORTH SIDNEY PLACE
Milwaukee, WI 53209

RE: Project: 091205 D & M MOTORS
Pace Project No.: 4048105

Dear Rick Frieseke:
Enclosed are the analytical results for sample(s) received by the laboratory on July 08, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI 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

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CERTIFICATIONS

Project: 091205 D & M MOTORS
Pace Project No.: 4048105

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

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SAMPLE SUMMARY

Project: 091205 D & M MOTORS
Pace Project No.: 4048105

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4048105001	**MW-10**	Water	07/07/11 00:00	07/08/11 13:35
4048105002	**MW-8R**	Water	07/07/11 00:00	07/08/11 13:35
4048105003	**MW-7**	Water	07/07/11 00:00	07/08/11 13:35
4048105004	**MW-1**	Water	07/07/11 00:00	07/08/11 13:35
4048105005	**MW-5R**	Water	07/07/11 00:00	07/08/11 13:35

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SAMPLE ANALYTE COUNT

Project: 091205 D & M MOTORS
Pace Project No.: 4048105

Lab ID	Sample ID	Method	Analysts	Analytes Reported
4048105001	**MW-10**	WI MOD GRO	PMS	10
4048105002	**MW-8R**	WI MOD GRO	PMS	10
4048105003	**MW-7**	EPA 8260	SMT	14
4048105004	**MW-1**	WI MOD GRO	PMS	10
4048105005	**MW-5R**	WI MOD GRO	PMS	10

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ANALYTICAL RESULTS

Project: 091205 D & M MOTORS
Pace Project No.: 4048105

Sample: MW-10 **Lab ID: 4048105001** Collected: 07/07/11 00:00 Received: 07/08/11 13:35 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		07/15/11 18:08	71-43-2	
Ethylbenzene	**<0.41**	ug/L	1.0	0.41	1		07/15/11 18:08	100-41-4	
Methyl-tert-butyl ether	**4.6**	ug/L	1.0	0.38	1		07/15/11 18:08	1634-04-4	
Naphthalene	**<0.40**	ug/L	1.0	0.40	1		07/15/11 18:08	91-20-3	
Toluene	**<0.42**	ug/L	1.0	0.42	1		07/15/11 18:08	108-88-3	
1,2,4-Trimethylbenzene	**<0.43**	ug/L	1.0	0.43	1		07/15/11 18:08	95-63-6	
1,3,5-Trimethylbenzene	**<0.40**	ug/L	1.0	0.40	1		07/15/11 18:08	108-67-8	
m&p-Xylene	**<0.87**	ug/L	2.0	0.87	1		07/15/11 18:08	179601-23-1	
o-Xylene	**<0.38**	ug/L	1.0	0.38	1		07/15/11 18:08	95-47-6	
a,a,a-Trifluorotoluene (S)	101	%.	80-120		1		07/15/11 18:08	98-08-8	

Sample: MW-8R **Lab ID: 4048105002** Collected: 07/07/11 00:00 Received: 07/08/11 13:35 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		07/15/11 18:34	71-43-2	
Ethylbenzene	**<0.41**	ug/L	1.0	0.41	1		07/15/11 18:34	100-41-4	
Methyl-tert-butyl ether	**<0.38**	ug/L	1.0	0.38	1		07/15/11 18:34	1634-04-4	
Naphthalene	**<0.40**	ug/L	1.0	0.40	1		07/15/11 18:34	91-20-3	
Toluene	**<0.42**	ug/L	1.0	0.42	1		07/15/11 18:34	108-88-3	
1,2,4-Trimethylbenzene	**<0.43**	ug/L	1.0	0.43	1		07/15/11 18:34	95-63-6	
1,3,5-Trimethylbenzene	**<0.40**	ug/L	1.0	0.40	1		07/15/11 18:34	108-67-8	
m&p-Xylene	**<0.87**	ug/L	2.0	0.87	1		07/15/11 18:34	179601-23-1	
o-Xylene	**<0.38**	ug/L	1.0	0.38	1		07/15/11 18:34	95-47-6	
a,a,a-Trifluorotoluene (S)	101	%.	80-120		1		07/15/11 18:34	98-08-8	

Sample: MW-7 **Lab ID: 4048105003** Collected: 07/07/11 00:00 Received: 07/08/11 13:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		07/13/11 15:58	71-43-2	
1,2-Dichloroethane	**1.1**	ug/L	1.0	0.36	1		07/13/11 15:58	107-06-2	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		07/13/11 15:58	100-41-4	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		07/13/11 15:58	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		07/13/11 15:58	91-20-3	
Toluene	**<0.67**	ug/L	1.0	0.67	1		07/13/11 15:58	108-88-3	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		07/13/11 15:58	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		07/13/11 15:58	108-67-8	
Xylene (Total)	**<2.6**	ug/L	3.0	2.6	1		07/13/11 15:58	1330-20-7	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		07/13/11 15:58	179601-23-1	

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ANALYTICAL RESULTS

Project: 091205 D & M MOTORS
Pace Project No.: 4048105

Sample: MW-7 **Lab ID: 4048105003** Collected: 07/07/11 00:00 Received: 07/08/11 13:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		07/13/11 15:58	95-47-6	
Dibromofluoromethane (S)	99	%.	70-134		1		07/13/11 15:58	1868-53-7	
Toluene-d8 (S)	95	%.	70-130		1		07/13/11 15:58	2037-26-5	
4-Bromofluorobenzene (S)	93	%.	69-130		1		07/13/11 15:58	460-00-4	

Sample: MW-1 **Lab ID: 4048105004** Collected: 07/07/11 00:00 Received: 07/08/11 13:35 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		07/15/11 18:59	71-43-2	
Ethylbenzene	**<0.41**	ug/L	1.0	0.41	1		07/15/11 18:59	100-41-4	
Methyl-tert-butyl ether	**<0.38**	ug/L	1.0	0.38	1		07/15/11 18:59	1634-04-4	
Naphthalene	**<0.40**	ug/L	1.0	0.40	1		07/15/11 18:59	91-20-3	
Toluene	**<0.42**	ug/L	1.0	0.42	1		07/15/11 18:59	108-88-3	
1,2,4-Trimethylbenzene	**<0.43**	ug/L	1.0	0.43	1		07/15/11 18:59	95-63-6	
1,3,5-Trimethylbenzene	**<0.40**	ug/L	1.0	0.40	1		07/15/11 18:59	108-67-8	
m&p-Xylene	**<0.87**	ug/L	2.0	0.87	1		07/15/11 18:59	179601-23-1	
o-Xylene	**<0.38**	ug/L	1.0	0.38	1		07/15/11 18:59	95-47-6	
a,a,a-Trifluorotoluene (S)	101	%.	80-120		1		07/15/11 18:59	98-08-8	

Sample: MW-5R **Lab ID: 4048105005** Collected: 07/07/11 00:00 Received: 07/08/11 13:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**249**	ug/L	10.0	3.9	10		07/15/11 20:41	71-43-2	
Ethylbenzene	**1650**	ug/L	10.0	4.1	10		07/15/11 20:41	100-41-4	
Methyl-tert-butyl ether	**7.2J**	ug/L	10.0	3.8	10		07/15/11 20:41	1634-04-4	
Naphthalene	**488**	ug/L	10.0	4.0	10		07/15/11 20:41	91-20-3	
Toluene	**60.3**	ug/L	10.0	4.2	10		07/15/11 20:41	108-88-3	
1,2,4-Trimethylbenzene	**235**	ug/L	10.0	4.3	10		07/15/11 20:41	95-63-6	
1,3,5-Trimethylbenzene	**82.0**	ug/L	10.0	4.0	10		07/15/11 20:41	108-67-8	
m&p-Xylene	**599**	ug/L	20.0	8.7	10		07/15/11 20:41	179601-23-1	
o-Xylene	**145**	ug/L	10.0	3.8	10		07/15/11 20:41	95-47-6	
a,a,a-Trifluorotoluene (S)	99	%.	80-120		10		07/15/11 20:41	98-08-8	

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QUALITY CONTROL DATA

Project: 091205 D & M MOTORS
Pace Project No.: 4048105

QC Batch: GCV/6955 Analysis Method: WI MOD GRO
QC Batch Method: WI MOD GRO Analysis Description: WIGRO GCV Water
Associated Lab Samples: 4048105001, 4048105002, 4048105004, 4048105005

METHOD BLANK: 476624 Matrix: Water
Associated Lab Samples: 4048105001, 4048105002, 4048105004, 4048105005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.43	1.0	07/15/11 11:13	
1,3,5-Trimethylbenzene	ug/L	<0.40	1.0	07/15/11 11:13	
Benzene	ug/L	<0.39	1.0	07/15/11 11:13	
Ethylbenzene	ug/L	<0.41	1.0	07/15/11 11:13	
m&p-Xylene	ug/L	<0.87	2.0	07/15/11 11:13	
Methyl-tert-butyl ether	ug/L	<0.38	1.0	07/15/11 11:13	
Naphthalene	ug/L	<0.40	1.0	07/15/11 11:13	
o-Xylene	ug/L	<0.38	1.0	07/15/11 11:13	
Toluene	ug/L	<0.42	1.0	07/15/11 11:13	
a,a,a-Trifluorotoluene (S)	%.	101	80-120	07/15/11 11:13	

LABORATORY CONTROL SAMPLE & LCSD: 476625 476626

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	20.5	20.7	103	104	80-120	1	20	
1,3,5-Trimethylbenzene	ug/L	20	20.3	20.5	101	102	80-120	1	20	
Benzene	ug/L	20	21.5	21.5	107	107	80-120	.04	20	
Ethylbenzene	ug/L	20	20.5	20.7	103	103	80-120	.8	20	
m&p-Xylene	ug/L	40	40.8	41.1	102	103	80-120	.7	20	
Methyl-tert-butyl ether	ug/L	20	21.7	21.1	109	106	80-120	3	20	
Naphthalene	ug/L	20	20.9	20.7	104	104	80-120	.8	20	
o-Xylene	ug/L	20	20.5	20.6	102	103	80-120	.5	20	
Toluene	ug/L	20	20.9	21.0	104	105	80-120	.5	20	
a,a,a-Trifluorotoluene (S)	%.				100	102	80-120			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 476770 476771

Parameter	Units	4048103009 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	813	100	100	892	909	80	96	31-178	2	20	
1,3,5-Trimethylbenzene	ug/L	255	100	100	352	358	97	103	66-145	2	20	
Benzene	ug/L	7.0	100	100	119	119	112	112	23-177	.06	20	
Ethylbenzene	ug/L	74.5	100	100	181	183	107	109	63-144	1	20	
m&p-Xylene	ug/L	318	200	200	522	530	102	106	39-172	1	20	
Methyl-tert-butyl ether	ug/L	<1.9	100	100	109	110	109	110	80-120	.9	20	
Naphthalene	ug/L	222	100	100	322	340	99	117	63-140	5	20	
o-Xylene	ug/L	13.3	100	100	122	122	109	109	60-150	.2	20	
Toluene	ug/L	2.9J	100	100	115	116	112	113	53-164	.3	20	
a,a,a-Trifluorotoluene (S)	%.						107	107	80-120			

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QUALITY CONTROL DATA

Project: 091205 D & M MOTORS
Pace Project No.: 4048105

QC Batch: MSV/11957
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 4048105003

METHOD BLANK: 476671 Matrix: Water

Associated Lab Samples: 4048105003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.97	1.0	07/13/11 07:06	
1,2-Dichloroethane	ug/L	<0.36	1.0	07/13/11 07:06	
1,3,5-Trimethylbenzene	ug/L	<0.83	1.0	07/13/11 07:06	
Benzene	ug/L	<0.41	1.0	07/13/11 07:06	
Ethylbenzene	ug/L	<0.54	1.0	07/13/11 07:06	
m&p-Xylene	ug/L	<1.8	2.0	07/13/11 07:06	
Methyl-tert-butyl ether	ug/L	<0.61	1.0	07/13/11 07:06	
Naphthalene	ug/L	<0.89	5.0	07/13/11 07:06	
o-Xylene	ug/L	<0.83	1.0	07/13/11 07:06	
Toluene	ug/L	<0.67	1.0	07/13/11 07:06	
Xylene (Total)	ug/L	<2.6	3.0	07/13/11 07:06	
4-Bromofluorobenzene (S)	%.	90	69-130	07/13/11 07:06	
Dibromofluoromethane (S)	%.	96	70-134	07/13/11 07:06	
Toluene-d8 (S)	%.	93	70-130	07/13/11 07:06	

LABORATORY CONTROL SAMPLE & LCSD: 476672 476673

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dichloroethane	ug/L	50	57.6	58.2	115	116	70-130	1	20	
Benzene	ug/L	50	47.1	47.4	94	95	70-130	.6	20	
Ethylbenzene	ug/L	50	57.5	56.8	115	114	70-130	1	20	
m&p-Xylene	ug/L	100	106	104	106	104	70-130	2	20	
o-Xylene	ug/L	50	50.3	50.6	101	101	70-130	.6	20	
Toluene	ug/L	50	56.1	55.2	112	110	70-130	2	20	
Xylene (Total)	ug/L	150	156	155	104	103	70-130	1	20	
4-Bromofluorobenzene (S)	%.				100	97	69-130			
Dibromofluoromethane (S)	%.				94	97	70-134			
Toluene-d8 (S)	%.				98	97	70-130			

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QUALIFIERS

Project: 091205 D & M MOTORS
Pace Project No.: 4048105

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.

SG - Silica Gel - Clean-Up

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

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

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

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Page 1 of

JGK

4048105

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:	MILWAUKEE WI
Project Contact:	RICK FRIESEKE
Phone:	414 228 9810
Project Number:	091205
Project Name:	D & M MOTORS
Project State:	WI
Sampled By (Print):	MIKE RAWERTS
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	RICK FRIESEKE
Mail To Company:	EDS INC.
Mail To Address:	6637 N. SIDNEY PLACE MILWAUKEE WI 53209
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (Y/N)	PRESERVATION (CODE)*	Analysis Requested: EVOC + NAPH	1,2 - DCA	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
						Pick Letter	B				
001	MW-10	7/7/11	AM	W			X			3-40ml B	
002	MW-8R						X			3-40ml B	
003	MW-7						X	X		3-40ml B	
004	MW-1						X			3-40ml B	
005	MW-5R						X			3-40ml B	

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:
	7/8/11 1045	D. Fennell	7/8/11 1045
D. Fennell	7/8/11		7/8 1145
	7/8 1335	A Christensen	7/8/11 1335

PACE Project No. 4048105
Receipt Temp = 4 °C
Sample Receipt pH OK / Adjusted n/a
Cooler Custody Seal Present / Not Present Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

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Green Bay, WI 54302

Pace Analytical

Sample Condition Upon Receipt

Client Name: EDS Inc Project # 4048105

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

Tracking #: _____

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

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

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

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

Cooler Temperature 4°C Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Optional: Proj. Due Date: Proj. Name:

Person examining contents: Date: 7/8/11 Initials: AKC

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: -Includes date/time/ID/Analysis Matrix: W	☑Yes ☐No ☐N/A 7/8/11	12. 005 samples labeled MW-5. matched by process of elimination. 7/8/11 ok
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:** 7-11-11

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)

UPPER MIDWEST REGION
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CHAIN OF CUSTODY

(Please Print Clearly)	
Company Name:	EDS. INC
Branch/Location:	MILWAUKEE WI
Project Contact:	RICK FRIESEKE
Phone:	414 228 9810
Project Number:	091205
Project Name:	D?M MOTORS
Project State:	WI
Sampled By (Print):	MIKE RAWERDINK
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:	RICK FRIESEKE
Mail To Company:	EDS INC.
Mail To Address:	6637 N. SIDNEY PLACE MILWAUKEE WI 53209
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: PVOC + NAPH	1,2 - DCA	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
	MW-10	7/7/11	AM	W		B	X				
	MW-8R	↓	↓	↓			X				
	MW-7						X	X			
	MW-1						X				
	MW-5R						X				

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

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

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

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
	7/8/11 1045	D. Fawcett	7/8/11 1045

PACE Project No.

Receipt Temp = °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

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April 21, 2011

Rick Frieseke
ENVIRONMENTAL & DEVELOPMENT SO
6637 NORTH SIDNEY PLACE
Milwaukee, WI 53209

RE: Project: 091003C SENTRY (38TH & STATE)
Pace Project No.: 4044678

Dear Rick Frieseke:
Enclosed are the analytical results for sample(s) received by the laboratory on April 15, 2011. 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

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CERTIFICATIONS

Project: 091003C SENTRY (38TH & STATE)
Pace Project No.: 4044678

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

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SAMPLE SUMMARY

Project: 091003C SENTRY (38TH & STATE)
Pace Project No.: 4044678

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4044678001	**MW-10**	Water	04/13/11 00:00	04/15/11 15:10
4044678002	**MW-8R**	Water	04/13/11 00:00	04/15/11 15:10
4044678003	**MW-7**	Water	04/13/11 00:00	04/15/11 15:10
4044678004	**MW-1**	Water	04/13/11 00:00	04/15/11 15:10
4044678005	**MW-5R**	Water	04/13/11 00:00	04/15/11 15:10

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SAMPLE ANALYTE COUNT

Project: 091003C SENTRY (38TH & STATE)
Pace Project No.: 4044678

Lab ID	Sample ID	Method	Analysts	Analytes Reported
4044678001	MW-10	WI MOD GRO	SES	10
4044678002	MW-8R	WI MOD GRO	SES	10
4044678003	MW-7	EPA 8260	HNW	14
4044678004	MW-1	WI MOD GRO	SES	10
4044678005	MW-5R	WI MOD GRO	SES	10

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ANALYTICAL RESULTS

Project: 091003C SENTRY (38TH & STATE)
Pace Project No.: 4044678

Sample: MW-10 **Lab ID: 4044678001** Collected: 04/13/11 00:00 Received: 04/15/11 15:10 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		04/19/11 13:01	71-43-2	
Ethylbenzene	**<0.41**	ug/L	1.0	0.41	1		04/19/11 13:01	100-41-4	
Methyl-tert-butyl ether	**<0.38**	ug/L	1.0	0.38	1		04/19/11 13:01	1634-04-4	
Naphthalene	**<0.40**	ug/L	1.0	0.40	1		04/19/11 13:01	91-20-3	
Toluene	**<0.42**	ug/L	1.0	0.42	1		04/19/11 13:01	108-88-3	
1,2,4-Trimethylbenzene	**<0.43**	ug/L	1.0	0.43	1		04/19/11 13:01	95-63-6	
1,3,5-Trimethylbenzene	**<0.40**	ug/L	1.0	0.40	1		04/19/11 13:01	108-67-8	
m&p-Xylene	**<0.87**	ug/L	2.0	0.87	1		04/19/11 13:01	179601-23-1	
o-Xylene	**<0.38**	ug/L	1.0	0.38	1		04/19/11 13:01	95-47-6	
a,a,a-Trifluorotoluene (S)	103	%	80-120		1		04/19/11 13:01	98-08-8	

Sample: MW-8R **Lab ID: 4044678002** Collected: 04/13/11 00:00 Received: 04/15/11 15:10 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		04/19/11 13:27	71-43-2	
Ethylbenzene	**<0.41**	ug/L	1.0	0.41	1		04/19/11 13:27	100-41-4	
Methyl-tert-butyl ether	**<0.38**	ug/L	1.0	0.38	1		04/19/11 13:27	1634-04-4	
Naphthalene	**<0.40**	ug/L	1.0	0.40	1		04/19/11 13:27	91-20-3	
Toluene	**<0.42**	ug/L	1.0	0.42	1		04/19/11 13:27	108-88-3	
1,2,4-Trimethylbenzene	**<0.43**	ug/L	1.0	0.43	1		04/19/11 13:27	95-63-6	
1,3,5-Trimethylbenzene	**<0.40**	ug/L	1.0	0.40	1		04/19/11 13:27	108-67-8	
m&p-Xylene	**<0.87**	ug/L	2.0	0.87	1		04/19/11 13:27	179601-23-1	
o-Xylene	**<0.38**	ug/L	1.0	0.38	1		04/19/11 13:27	95-47-6	
a,a,a-Trifluorotoluene (S)	102	%	80-120		1		04/19/11 13:27	98-08-8	

Sample: MW-7 **Lab ID: 4044678003** Collected: 04/13/11 00:00 Received: 04/15/11 15:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		04/19/11 11:35	71-43-2	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		04/19/11 11:35	107-06-2	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		04/19/11 11:35	100-41-4	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		04/19/11 11:35	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		04/19/11 11:35	91-20-3	
Toluene	**<0.67**	ug/L	1.0	0.67	1		04/19/11 11:35	108-88-3	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		04/19/11 11:35	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		04/19/11 11:35	108-67-8	
Xylene (Total)	**<2.6**	ug/L	3.0	2.6	1		04/19/11 11:35	1330-20-7	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		04/19/11 11:35	179601-23-1	

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ANALYTICAL RESULTS

Project: 091003C SENTRY (38TH & STATE)
Pace Project No.: 4044678

Sample: MW-7 **Lab ID: 4044678003** Collected: 04/13/11 00:00 Received: 04/15/11 15:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		04/19/11 11:35	95-47-6	
Dibromofluoromethane (S)	93	%	70-134		1		04/19/11 11:35	1868-53-7	
Toluene-d8 (S)	107	%	70-130		1		04/19/11 11:35	2037-26-5	
4-Bromofluorobenzene (S)	97	%	69-130		1		04/19/11 11:35	460-00-4	

Sample: MW-1 **Lab ID: 4044678004** Collected: 04/13/11 00:00 Received: 04/15/11 15:10 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		04/19/11 13:52	71-43-2	
Ethylbenzene	**<0.41**	ug/L	1.0	0.41	1		04/19/11 13:52	100-41-4	
Methyl-tert-butyl ether	**<0.38**	ug/L	1.0	0.38	1		04/19/11 13:52	1634-04-4	
Naphthalene	**<0.40**	ug/L	1.0	0.40	1		04/19/11 13:52	91-20-3	
Toluene	**<0.42**	ug/L	1.0	0.42	1		04/19/11 13:52	108-88-3	
1,2,4-Trimethylbenzene	**<0.43**	ug/L	1.0	0.43	1		04/19/11 13:52	95-63-6	
1,3,5-Trimethylbenzene	**<0.40**	ug/L	1.0	0.40	1		04/19/11 13:52	108-67-8	
m&p-Xylene	**<0.87**	ug/L	2.0	0.87	1		04/19/11 13:52	179601-23-1	
o-Xylene	**<0.38**	ug/L	1.0	0.38	1		04/19/11 13:52	95-47-6	
a,a,a-Trifluorotoluene (S)	103	%	80-120		1		04/19/11 13:52	98-08-8	

Sample: MW-5R **Lab ID: 4044678005** Collected: 04/13/11 00:00 Received: 04/15/11 15:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**198**	ug/L	10.0	3.9	10		04/20/11 13:31	71-43-2	
Ethylbenzene	**1580**	ug/L	10.0	4.1	10		04/20/11 13:31	100-41-4	
Methyl-tert-butyl ether	**10.3**	ug/L	10.0	3.8	10		04/20/11 13:31	1634-04-4	
Naphthalene	**309**	ug/L	10.0	4.0	10		04/20/11 13:31	91-20-3	
Toluene	**50.7**	ug/L	10.0	4.2	10		04/20/11 13:31	108-88-3	
1,2,4-Trimethylbenzene	**105**	ug/L	10.0	4.3	10		04/20/11 13:31	95-63-6	
1,3,5-Trimethylbenzene	**49.0**	ug/L	10.0	4.0	10		04/20/11 13:31	108-67-8	
m&p-Xylene	**446**	ug/L	20.0	8.7	10		04/20/11 13:31	179601-23-1	
o-Xylene	**95.3**	ug/L	10.0	3.8	10		04/20/11 13:31	95-47-6	
a,a,a-Trifluorotoluene (S)	103	%	80-120		10		04/20/11 13:31	98-08-8	

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QUALITY CONTROL DATA

Project: 091003C SENTRY (38TH & STATE)
Pace Project No.: 4044678

QC Batch: GCV/6530 Analysis Method: WI MOD GRO
QC Batch Method: WI MOD GRO Analysis Description: WIGRO GCV Water
Associated Lab Samples: 4044678001, 4044678002, 4044678004, 4044678005

METHOD BLANK: 438312 Matrix: Water
Associated Lab Samples: 4044678001, 4044678002, 4044678004, 4044678005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.43	1.0	04/19/11 10:02	
1,3,5-Trimethylbenzene	ug/L	<0.40	1.0	04/19/11 10:02	
Benzene	ug/L	<0.39	1.0	04/19/11 10:02	
Ethylbenzene	ug/L	<0.41	1.0	04/19/11 10:02	
m&p-Xylene	ug/L	<0.87	2.0	04/19/11 10:02	
Methyl-tert-butyl ether	ug/L	<0.38	1.0	04/19/11 10:02	
Naphthalene	ug/L	<0.40	1.0	04/19/11 10:02	
o-Xylene	ug/L	<0.38	1.0	04/19/11 10:02	
Toluene	ug/L	<0.42	1.0	04/19/11 10:02	
a,a,a-Trifluorotoluene (S)	%	102	80-120	04/19/11 10:02	

LABORATORY CONTROL SAMPLE & LCSD: 438313 438314

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	20.8	21.0	104	105	80-120	.9	20	
1,3,5-Trimethylbenzene	ug/L	20	20.9	21.0	104	105	80-120	.7	20	
Benzene	ug/L	20	21.0	21.0	105	105	80-120	.06	20	
Ethylbenzene	ug/L	20	20.7	20.8	103	104	80-120	.3	20	
m&p-Xylene	ug/L	40	40.9	41.1	102	103	80-120	.3	20	
Methyl-tert-butyl ether	ug/L	20	20.2	20.3	101	101	80-120	.4	20	
Naphthalene	ug/L	20	18.8	19.3	94	97	80-120	3	20	
o-Xylene	ug/L	20	20.2	20.2	101	101	80-120	.3	20	
Toluene	ug/L	20	20.7	20.7	104	104	80-120	.04	20	
a,a,a-Trifluorotoluene (S)	%				102	102	80-120			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 438325 438326

Parameter	Units	4044686023 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	<4.3	200	200	229	227	114	114	31-178	.7	20	
1,3,5-Trimethylbenzene	ug/L	<4.0	200	200	229	227	114	114	66-145	.6	20	
Benzene	ug/L	<3.9	200	200	231	230	116	115	23-177	.8	20	
Ethylbenzene	ug/L	<4.1	200	200	228	227	114	113	63-144	.4	20	
m&p-Xylene	ug/L	<8.7	400	400	452	449	113	112	39-172	.6	20	
Methyl-tert-butyl ether	ug/L	<3.8	200	200	213	209	106	105	80-120	1	20	
Naphthalene	ug/L	14.1	200	200	211	210	99	98	63-140	.4	20	
o-Xylene	ug/L	<3.8	200	200	222	221	111	110	60-150	.6	20	
Toluene	ug/L	<4.2	200	200	227	225	113	113	53-164	.6	20	
a,a,a-Trifluorotoluene (S)	%						101	101	80-120			D3,F1

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QUALITY CONTROL DATA

Project: 091003C SENTRY (38TH & STATE)
Pace Project No.: 4044678

QC Batch: MSV/11001 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 4044678003

METHOD BLANK: 438083 Matrix: Water
Associated Lab Samples: 4044678003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.97	1.0	04/19/11 07:30	
1,2-Dichloroethane	ug/L	<0.36	1.0	04/19/11 07:30	
1,3,5-Trimethylbenzene	ug/L	<0.83	1.0	04/19/11 07:30	
Benzene	ug/L	<0.41	1.0	04/19/11 07:30	
Ethylbenzene	ug/L	<0.54	1.0	04/19/11 07:30	
m&p-Xylene	ug/L	<1.8	2.0	04/19/11 07:30	
Methyl-tert-butyl ether	ug/L	<0.61	1.0	04/19/11 07:30	
Naphthalene	ug/L	<0.89	5.0	04/19/11 07:30	
o-Xylene	ug/L	<0.83	1.0	04/19/11 07:30	
Toluene	ug/L	<0.67	1.0	04/19/11 07:30	
Xylene (Total)	ug/L	<2.6	3.0	04/19/11 07:30	
4-Bromofluorobenzene (S)	%	94	69-130	04/19/11 07:30	
Dibromofluoromethane (S)	%	94	70-134	04/19/11 07:30	
Toluene-d8 (S)	%	106	70-130	04/19/11 07:30	

LABORATORY CONTROL SAMPLE & LCSD: 438084 438085

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dichloroethane	ug/L	50	58.6	60.0	117	120	70-130	2	20	
Benzene	ug/L	50	61.3	62.7	123	125	70-130	2	20	
Ethylbenzene	ug/L	50	60.3	60.7	121	121	70-130	.7	20	
m&p-Xylene	ug/L	100	125	124	125	124	70-130	.6	20	
o-Xylene	ug/L	50	57.0	57.3	114	115	70-130	.6	20	
Toluene	ug/L	50	58.3	57.6	117	115	70-130	1	20	
Xylene (Total)	ug/L	150	182	182	121	121	70-130	.2	20	
4-Bromofluorobenzene (S)	%				103	102	69-130			
Dibromofluoromethane (S)	%				99	101	70-134			
Toluene-d8 (S)	%				104	104	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 438332 438333

Parameter	Units	4044689001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	ND	50	50	59.7	59.2	119	118	70-133	.8	20	
Benzene	ug/L	5.0	50	50	69.0	68.1	128	126	70-130	1	20	
Ethylbenzene	ug/L	ND	50	50	61.2	60.2	122	120	70-130	2	20	
m&p-Xylene	ug/L		100	100	125	125	125	125	70-130	.1	20	
o-Xylene	ug/L		50	50	58.0	57.7	116	115	70-130	.4	20	
Toluene	ug/L	ND	50	50	58.4	58.8	117	118	70-130	.7	20	
Xylene (Total)	ug/L	ND	150	150	183	183	122	122	70-130	.05	20	

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QUALITY CONTROL DATA

Project: 091003C SENTRY (38TH & STATE)
Pace Project No.: 4044678

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 438332 438333

Parameter	Units	4044689001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Bromofluorobenzene (S)	%						103	104	69-130			
Dibromofluoromethane (S)	%						100	99	70-134			
Toluene-d8 (S)	%						104	105	70-130			

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QUALIFIERS

Project: 091003C SENTRY (38TH & STATE)
Pace Project No.: 4044678

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.

SG - Silica Gel - Clean-Up

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

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

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

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
F1	The sample was analyzed at a dilution due to foaming of the sample in the purge vessel.

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CHAIN OF CUSTODY

JSF

*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
Branch/Location:	
Project Contact:	Rick Frieseke
Phone:	(414) 228-9810
Project Number:	091205
Project Name:	Dem Motors
Project State:	WI
Sampled By (Print):	RWF
Sampled By (Sign):	Rick Frieseke
PO #:	Regulatory Program:

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

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	Analyses Requested: PVOCs + Naph	1,2-DCA	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	MW-10	4/13/11	AM	W			X			3-40ml B	
002	MW-8R	"	"	"			X			"	
003	MW-7	"	"	"			X	X		"	
004	MW-1	"	"	"			X			"	
005	MW-5R	"	"	"			X			"	

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

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

Email #1:	nfrieseke@edsinc.us
Email #2:	
Telephone:	
Fax:	

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
Richard W. Frieseke	4/15/11 12:10	D. Meeks	4/15/11 12:10
D. Meeks	4/15/11 15:10	J. Meeks Page 68	4/15/11 1510

PACE Project No. 4044678

Receipt Temp = 2.0I °C

Sample Receipt pH OK / Adjusted N/A

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL