QUARTERLY TECHNICAL PROGRESS REPORT
JANUARY 2013 – MARCH 2013
RCRA CORRECTIVE ACTION
IND 980 700 801

2915 DR. MARTIN LUTHER KING JR. BOULEVARD, ANDERSON, IN
REVITALIZING AUTO COMMUNITIES ENVIRONMENTAL RESPONSE TRUST

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1.0 INTRODUCTION

Conestoga-Rovers and Associates (CRA), on behalf of the Revitalizing Auto Communities Environmental Response (RACER) Trust, has prepared this Quarterly Technical Progress Report for the RACER Trust facility located at 2915 Dr. Martin Luther King Junior Boulevard in Anderson, Indiana (Facility or Site).

This Quarterly Technical Progress Report has been prepared to summarize activities related to the Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI), Interim Measures (IM) activities, and Corrective Measures (CM) at the Facility for the period of January through March 2013.

2.0 SUMMARY OF RFI, INTERIM MEASURES, AND CORRECTIVE MEASURES ACTIVITIES

2.1 RCRA FACILITY INVESTIGATION/ENVIRONMENTAL INDICATORS DETERMINATION

RFI activities conducted during this reporting period included the preparation and implementation of the Waste Water Treatment Plant (WWTP) Source Area Work Plan (CRA, January 4, 2013) and the preparation and submittal of the draft Perched Groundwater Investigation Work Plan (CRA, March 5, 2013).

The WWTP Source Area Work Plan was implemented between February 25 and 27, 2013. The objective of the Work Plan was to document the soil quality within the perceived WWTP plume source area to assist in the development of remedial options, if necessary. Between February 25 and 27, 2013, 16 boreholes were advanced within the perceived source area (near MW 68) for the WWTP Area chlorinated volatile organic compound (VOC) groundwater plume. Boreholes were advanced to depths of 30 feet below ground surface (bgs), corresponding to the depth of the uppermost aquifer beneath the Site (referred to as Unit 3 and consisting of stratified sand and gravel). One soil sample, above the Unit 3 saturated sand and gravel layer, was collected at 12 borehole locations. Soil samples were collected using En-Core™ samplers and submitted to TestAmerica Laboratories for chemical analysis of Total Compound List (TCL) VOCs. A summary of the findings from the investigation is provided in Section 3.0.

The objective of the Perched Groundwater Investigation Work Plan, scheduled for implementation on April 16, 2013, is to delineate metals impacted groundwater found in the surface fill (Unit 1) in the vicinity of the former Bay M26/M27.

The RFI activities are considered 95-percent completed.

2.2 INTERIM MEASURES

On February 8, 2013, CRA submitted the 2013 Annual Groundwater Monitoring Report to IDEM on behalf of RACER Trust to summarize the groundwater and surface water sampling activities performed in 2012 and the results generated therefrom.

Interim measures consist of routine groundwater and surface water monitoring and annual reporting. These activities are ongoing.

2.3 CORRECTIVE MEASURES

No corrective measures activities were conducted during this reporting period.

With the exception of submittal of the draft Corrective Measures Proposal (CRA, March 2008), the corrective measures activities have not commenced and are considered 0-percent complete.

3.0 SUMMARY OF FINDINGS

3.1 RCRA FACILITY INVESTIGATION/ENVIRONMENTAL INDICATORS DETERMINATION

Between February 25 and 27, 2013, 16 boreholes were advanced to depths of 30 feet bgs to facilitate the field screening of soils and the collection of soil samples. In the absence of field evidence of VOC impacts, one soil sample was collected from each of 12 borehole locations from the interval immediately above the water table and submitted to the laboratory for analyses of VOCs. The results from the soil VOC analysis are summarized in Table 1 along with Indiana Department of Environmental Management's (IDEM's) Industrial/Commercial Remediation Closure Guide Screening Levels (RCGSLs) for Direct Contact and Residential Soil Migration to Groundwater (IDEM, 2013). Review of Table 1 indicates that there were no exceedances above IDEM's RCGSLs. As such, soil in the vicinity of MW68, upgradient of the former WWTP, are not acting as an ongoing source to VOC groundwater impacts.

3.2 INTERIM MEASURES

Groundwater and surface water monitoring activities completed in 2012 were summarized in the 2012 Annual Groundwater Monitoring Report which was submitted to IDEM on February 8, 2013. A brief summary of conclusions from the 2012 Site-wide groundwater and surface water monitoring are provided below.

- Comparing the results to those from the previous (2011) evaluation, in which 12 increasing trends were identified, an improvement has been noted in that 2 data sets previously identified as having increasing concentration trends over time for vinyl chloride, have had lower analyte concentrations in 2012 and no longer have statistically significant increasing trends.

- Consistent with 2011 data, there are two increasing trends for cis-1,2-DCE in the AOC 1 – South Court plume wells.

- Increasing trends continue in several monitoring wells in the former WWTP Area plume. Most of the increasing trends relate to vinyl chloride within and along the tail margin of the plume. However, an increasing trend for cis-1,2-DCE is also noted for MW-4 and for TCE at MW 68.

- In 2012, perimeter monitoring wells did not contain VOC contaminants above the reporting limit.

- Three surface water sampling events were conducted in 2012 (May, August, and October) at the surface water monitoring locations referred to as Pond Intake and Pond North at the Meadowbrook Golf Course central irrigation pond. Vinyl chloride exceeding drinking water screening criteria, but below Site-specific residential non-potable groundwater use criterion, was reported at Pond North during each event and at Pond Intake in May and August. No other detected parameters exceeded the drinking water criterion.

- Based on groundwater monitoring, the golf course irrigation pond appears to be within the former WWTP Area plume and the plume is expanding in the direction of the pond.

- Based on the 2011 and 2012 groundwater results, there is no current unacceptable risk to nearby residents due to groundwater volatilization to indoor air.

3.3 CORRECTIVE MEASURES

No corrective measures activities were conducted during this reporting period.

4.0 SUMMARY OF CHANGES TO RFI, INTERIM AND/OR CORRECTIVE MEASURES

There were no changes to the RFI, Interim Measures and/or Corrective Measures during the reporting period.

5.0 SUMMARY OF CONTACTS WITH REPRESENTATIVES OF LOCAL COMMUNITY, PUBLIC INTEREST GROUPS, OR STATE GOVERNMENT

On January 4, 2013, CRA, on behalf of RACER Trust, submitted the Waste Water Treatment Source Area Investigation Work Plan to IDEM.

On January 9, 2013, IDEM approved the Waste Water Treatment Source Area Investigation Work Plan.

On January 9, 2013, IDEM approved the 2013 Budget Authorization Request.

On January 31, 2013, CRA, on behalf of RACER Trust, submitted the Quarterly Technical Progress Report for October 2012 through December 2012 to IDEM.

On February 8, 2013, CRA, on behalf of RACER Trust, submitted the 2012 Annual Groundwater Monitoring Report to IDEM.

On March 5, 2013, CRA, on behalf of RACER Trust, submitted the draft Perched Groundwater Investigation Work Plan to IDEM.

On March 13, 2013, IDEM approved the draft Perched Groundwater Investigation Work Plan with some minor modifications.

6.0 SUMMARY OF PROBLEMS OR POTENTIAL PROBLEMS

There were no problems identified during the reporting period.

7.0 ACTIONS TAKEN TO RECTIFY PROBLEMS

There were no problems identified during the reporting period.

8.0 CHANGES IN PERSONNEL

There were no changes to personnel during the reporting period.

9.0 PROJECTED WORK FOR APRIL THROUGH JUNE 2013

Projected work for April through June 2013 includes the following:

- Semi-annual groundwater monitoring in accordance with the recommendations made in the GMP and 2012 Annual Groundwater Monitoring Program Report
- Preparation and submittal of the Waste Water Treatment Plant Source Area Investigation Technical Memorandum
- Preparation and submittal of updated Environmental Restrictive Covenants for Lot 1 and former Plant 9
- Preparation and submittal of the revised Risk Assessment and revisions to the Final RFI Report to address IDEM's October 2009 comments
- Investigation of the vertical extent of chromium and cyanide impacted perched groundwater.

10.0 REPORTS AND DATA

The Waste Water Treatment Plant Source Area Investigation Work Plan was submitted to IDEM on January 4, 2013.

The Quarterly Technical Progress Report, October 2012 through December 2012, was submitted to IDEM on January 31, 2013.

The 2012 Annual Groundwater Monitoring Report was submitted to IDEM on February 8, 2013.

The Perched Groundwater Investigation Work Plan was submitted to IDEM on March 5, 2013.

TABLE 1

SOIL ANALYTICAL DATA
WASTE WATER TREATMENT PLANT SOURCE AREA INVESTIGATION
FORMER ANDERSON GUIDE FACILITY
ANDERSON, INDIANA

Sample Location:			*SB1-13*	*SB2-13*	*SB3-13*	*SB4-13*
Sample ID:			*S-017302-022513-TP-001*	*S-017302-022513-TP-002*	*S-017302-022513-TP-003*	*S-017302-022513-TP-004*
Sample Date:			*2/25/2013*	*2/25/2013*	*2/25/2013*	*2/25/2013*
Sample Depth:			*(22.5-25) ft BGS*	*(17.5-20) ft BGS*	*(17.5-20) ft BGS*	*(22.5-25) ft BGS*
Parameters:	*Soil Exposure - Direct Contact - Com/Ind (2013)* a	*Groundwater – Soil MTG – Residential (2013)* b				
Volatile Organic Compounds (mg/kg)						
Acetone	100000	49	0.016 U	0.021 U	0.019 U	0.013 J
Benzene	54	0.051	0.0041 U	0.0053 U	0.0046 U	0.0049 U
Bromodichloromethane	14	0.43	0.0041 U	0.0053 U	0.0046 U	0.0049 U
Bromoform	2200	0.42	0.0041 U	0.0053 U	0.0046 U	0.0049 U
Bromomethane (Methyl bromide)	32	0.035	0.0041 U	0.0053 U	0.0046 U	0.0049 U
2-Butanone (Methyl ethyl ketone) (MEK)	28000	21	0.016 U	0.021 U	0.019 U	0.02 U
Carbon disulfide	740	4.2	0.0041 U	0.0053 U	0.0046 U	0.0038 J
Carbon tetrachloride	30	0.039	0.0041 U	0.0053 U	0.0046 U	0.0049 U
Chlorobenzene	760	1.4	0.0041 U	0.0053 U	0.0046 U	0.0049 U
Chloroethane	2100	120	0.0041 U	0.0053 U	0.0046 U	0.0049 U
Chloroform (Trichloromethane)	15	0.44	0.0041 U	0.0053 U	0.0046 U	0.0049 U
Chloromethane (Methyl chloride)	500	0.98	0.0041 U	0.0053 U	0.0046 U	0.0049 U
Cyclohexane	120	270	0.0082 U	0.011 U	0.0093 U	0.0098 U
1,2-Dibromo-3-chloropropane (DBCP)	0.69	0.0017	0.0082 U	0.011 U	0.0093 U	0.0098 U
Dibromochloromethane	33	0.43	0.0041 U	0.0053 U	0.0046 U	0.0049 U
1,2-Dibromoethane (Ethylene dibromide)	1.7	0.00028	0.0041 U	0.0053 U	0.0046 U	0.0049 U
1,2-Dichlorobenzene	380	12	0.0041 U	0.0053 U	0.0046 U	0.0049 U
1,3-Dichlorobenzene	-	-	0.0041 U	0.0053 U	0.0046 U	0.0049 U
1,4-Dichlorobenzene	120	1.4	0.0041 U	0.0053 U	0.0046 U	0.0049 U
Dichlorodifluoromethane (CFC-12)	400	5.7	0.0041 U	0.0053 U	0.0046 U	0.0049 U
1,1-Dichloroethane	170	0.14	0.0041 U	0.0053 U	0.0046 U	0.0049 U
1,2-Dichloroethane	22	0.028	0.0041 U	0.0053 U	0.0046 U	0.0049 U
1,1-Dichloroethene	1100	0.05	0.0041 U	0.0053 U	0.0046 U	0.0049 U
cis-1,2-Dichloroethene	2000	0.41	0.0041 U	0.0053 U	0.0046 U	0.00096 J
trans-1,2-Dichloroethene	690	0.59	0.0041 U	0.0053 U	0.0046 U	0.0049 U
1,2-Dichloropropane	47	0.033	0.0041 U	0.0053 U	0.0046 U	0.0049 U
cis-1,3-Dichloropropene	-	-	0.0041 U	0.0053 U	0.0046 U	0.0049 U
trans-1,3-Dichloropropene	-	-	0.0041 U	0.0053 U	0.0046 U	0.0049 U
Ethylbenzene	270	16	0.0041 U	0.0053 U	0.0046 U	0.0049 U
2-Hexanone	1400	0.16	0.016 U	0.021 U	0.019 U	0.02 U
Isopropyl benzene	270	13	0.0041 U	0.0053 U	0.0046 U	0.0049 U
Methyl acetate	29000	66	0.0082 U	0.011 U	0.0093 U	0.0098 U
Methyl cyclohexane	-	-	0.0082 U	0.011 U	0.0093 U	0.0098 U
Methyl tert butyl ether (MTBE)	2200	0.54	0.016 U	0.021 U	0.019 U	0.02 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	3400	4.5	0.016 U	0.021 U	0.019 U	0.02 U
Methylene chloride	3100	0.025	0.0041 U	0.0053 U	0.0046 U	0.0049 U
Styrene	870	2.2	0.0041 U	0.0053 U	0.0046 U	0.0049 U
1,1,2,2-Tetrachloroethane	28	0.0052	0.0041 U	0.0053 U	0.0046 U	0.0049 U
Tetrachloroethene	170	0.045	0.0041 U	0.0053 U	0.0046 U	0.0049 U

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FORMER ANDERSON GUIDE FACILITY
ANDERSON, INDIANA

Sample Location:			*SB1-13*	*SB2-13*	*SB3-13*	*SB4-13*
Sample ID:			*S-017302-022513-TP-001*	*S-017302-022513-TP-002*	*S-017302-022513-TP-003*	*S-017302-022513-TP-004*
Sample Date:			*2/25/2013*	*2/25/2013*	*2/25/2013*	*2/25/2013*
Sample Depth:			*(22.5-25) ft BGS*	*(17.5-20) ft BGS*	*(17.5-20) ft BGS*	*(22.5-25) ft BGS*
Parameters:	*Soil Exposure - Direct Contact - Com/Ind (2013)*	*Groundwater – Soil MTG – Residential (2013)*				
	a	b				
Volatile Organic Compounds Continued (mg/kg)						
Toluene	820	14	0.0041 U	0.00036 J	0.0046 U	0.0003 J
1,2,4-Trichlorobenzene	270	4.1	0.0041 U	0.0053 U	0.0046 U	0.0049 U
1,1,1-Trichloroethane	640	1.4	0.0041 U	0.0053 U	0.0046 U	0.0049 U
1,1,2-Trichloroethane	6.8	0.032	0.0041 U	0.0053 U	0.0046 U	0.0049 U
Trichloroethene	20	0.036	0.0041 U	0.0053 U	0.0046 U	0.0049 U
Trichlorofluoromethane (CFC-11)	1200	14	0.0041 U	0.0053 U	0.0046 U	0.0049 U
Trifluorotrichloroethane (Freon 113)	910	2600	0.0041 U	0.0053 U	0.0046 U	0.0049 U
Vinyl chloride	17	0.014	0.0041 U	0.0053 U	0.0046 U	0.0049 U
Xylenes (total)	260	200	0.0082 U	0.011 U	0.0093 U	0.0098 U

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
mg/kg - milligram per kilogram
ft BGS - feet below ground surface

TABLE 1

SOIL ANALYTICAL DATA
WASTE WATER TREATMENT PLANT SOURCE AREA INVESTIGATION
FORMER ANDERSON GUIDE FACILITY
ANDERSON, INDIANA

Sample Location:			*SB5-13*	*SB6-13*	*SB6-13*	*SB12-13*
Sample ID:			*S-017302-022613-SM-005*	*S-017302-022613-SM-006*	*S-017302-022613-SM-007*	*S-017302-022713-SM-008*
Sample Date:			*2/26/2013*	*2/26/2013*	*2/26/2013*	*2/27/2013*
Sample Depth:			*(22.5-25) ft BGS*	*(22.5-25) ft BGS*	*(22.5-25) ft BGS*	*(22.5-25) ft BGS*
					Field Duplicate	
Parameters:	*Soil Exposure - Direct Contact - Com/Ind (2013)*	*Groundwater – Soil MTG – Residential (2013)*				
	a	b				
Volatile Organic Compounds (mg/kg)						
Acetone	100000	49	0.022 U	0.0073 J	0.018 U	0.018 U
Benzene	54	0.051	0.0054 U	0.0047 U	0.0044 U	0.0046 U
Bromodichloromethane	14	0.43	0.0054 U	0.0047 U	0.0044 U	0.0046 U
Bromoform	2200	0.42	0.0054 U	0.0047 U	0.0044 U	0.0046 U
Bromomethane (Methyl bromide)	32	0.035	0.0054 U	0.0047 U	0.0044 U	0.0046 U
2-Butanone (Methyl ethyl ketone) (MEK)	28000	21	0.022 U	0.019 U	0.018 U	0.018 U
Carbon disulfide	740	4.2	0.0054 U	0.00044 J	0.0044 U	0.0046 U
Carbon tetrachloride	30	0.039	0.0054 U	0.0047 U	0.0044 U	0.0046 U
Chlorobenzene	760	1.4	0.0054 U	0.0047 U	0.0044 U	0.0046 U
Chloroethane	2100	120	0.0054 U	0.0047 U	0.0044 U	0.0046 U
Chloroform (Trichloromethane)	15	0.44	0.0054 U	0.0047 U	0.0044 U	0.0046 U
Chloromethane (Methyl chloride)	500	0.98	0.0054 U	0.0047 U	0.0044 U	0.0046 U
Cyclohexane	120	270	0.011 U	0.0093 U	0.0089 U	0.0091 U
1,2-Dibromo-3-chloropropane (DBCP)	0.69	0.0017	0.011 U	0.0093 U	0.0089 U	0.0091 U
Dibromochloromethane	33	0.43	0.0054 U	0.0047 U	0.0044 U	0.0046 U
1,2-Dibromoethane (Ethylene dibromide)	1.7	0.00028	0.0054 U	0.0047 U	0.0044 U	0.0046 U
1,2-Dichlorobenzene	380	12	0.0054 U	0.0047 U	0.0044 U	0.0046 U
1,3-Dichlorobenzene	-	-	0.0054 U	0.0047 U	0.0044 U	0.0046 U
1,4-Dichlorobenzene	120	1.4	0.0054 U	0.0047 U	0.0044 U	0.0046 U
Dichlorodifluoromethane (CFC-12)	400	5.7	0.0054 U	0.0047 U	0.0044 U	0.0046 U
1,1-Dichloroethane	170	0.14	0.0043 J	0.0047 U	0.0044 U	0.0046 U
1,2-Dichloroethane	22	0.028	0.0054 U	0.0047 U	0.0044 U	0.0046 U
1,1-Dichloroethene	1100	0.05	0.0054 U	0.0047 U	0.0044 U	0.0046 U
cis-1,2-Dichloroethene	2000	0.41	0.019	0.0047 U	0.0044 U	0.0046 U
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1,2-Dichloropropane	47	0.033	0.0054 U	0.0047 U	0.0044 U	0.0046 U
cis-1,3-Dichloropropene	-	-	0.0054 U	0.0047 U	0.0044 U	0.0046 U
trans-1,3-Dichloropropene	-	-	0.0054 U	0.0047 U	0.0044 U	0.0046 U
Ethylbenzene	270	16	0.0054 U	0.0047 U	0.0044 U	0.0046 U
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Sample ID:			*S-017302-022613-SM-005*	*S-017302-022613-SM-006*	*S-017302-022613-SM-007*	*S-017302-022713-SM-008*
Sample Date:			*2/26/2013*	*2/26/2013*	*2/26/2013*	*2/27/2013*
Sample Depth:			*(22.5-25) ft BGS*	*(22.5-25) ft BGS*	*(22.5-25) ft BGS*	*(22.5-25) ft BGS*
					Field Duplicate	
Parameters:	*Soil Exposure - Direct Contact - Com/Ind (2013)*	*Groundwater – Soil MTG – Residential (2013)*				
	a	b				
Volatile Organic Compounds Continued (mg/kg)						
Toluene	820	14	0.0054 U	0.0047 U	0.0044 U	0.0046 U
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TABLE 1

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WASTE WATER TREATMENT PLANT SOURCE AREA INVESTIGATION
FORMER ANDERSON GUIDE FACILITY
ANDERSON, INDIANA

Sample Location:			*SB13-13*	*SB14-13*	*SB15-13*	*SB16-13*
Sample ID:			*S-017302-022713-SM-009*	*S-017302-022713-SM-010*	*S-017302-022713-SM-011*	*S-017302-022713-SM-012*
Sample Date:			*2/27/2013*	*2/27/2013*	*2/27/2013*	*2/27/2013*
Sample Depth:			*(22.5-25) ft BGS*	*(22.5-25) ft BGS*	*(22.5-25) ft BGS*	*(22.5-25) ft BGS*
Parameters:	*Soil Exposure - Direct Contact - Com/Ind (2013)*	*Groundwater – Soil MTG – Residential (2013)*				
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Volatile Organic Compounds (mg/kg)						
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Carbon disulfide	740	4.2	0.004 U	0.005 U	0.0043 U	0.0045 U
Carbon tetrachloride	30	0.039	0.004 U	0.005 U	0.0043 U	0.0045 U
Chlorobenzene	760	1.4	0.004 U	0.005 U	0.0043 U	0.0045 U
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Chloroform (Trichloromethane)	15	0.44	0.004 U	0.005 U	0.0043 U	0.0045 U
Chloromethane (Methyl chloride)	500	0.98	0.004 U	0.005 U	0.0043 U	0.0045 U
Cyclohexane	120	270	0.0081 U	0.01 U	0.0085 U	0.0089 U
1,2-Dibromo-3-chloropropane (DBCP)	0.69	0.0017	0.0081 U	0.01 U	0.0085 U	0.0089 U
Dibromochloromethane	33	0.43	0.004 U	0.005 U	0.0043 U	0.0045 U
1,2-Dibromoethane (Ethylene dibromide)	1.7	0.00028	0.004 U	0.005 U	0.0043 U	0.0045 U
1,2-Dichlorobenzene	380	12	0.004 U	0.005 U	0.0043 U	0.0045 U
1,3-Dichlorobenzene	-	-	0.004 U	0.005 U	0.0043 U	0.0045 U
1,4-Dichlorobenzene	120	1.4	0.004 U	0.005 U	0.0043 U	0.0045 U
Dichlorodifluoromethane (CFC-12)	400	5.7	0.004 U	0.005 U	0.0043 U	0.0045 U
1,1-Dichloroethane	170	0.14	0.004 U	0.005 U	0.0043 U	0.0045 U
1,2-Dichloroethane	22	0.028	0.004 U	0.005 U	0.0043 U	0.0045 U
1,1-Dichloroethene	1100	0.05	0.004 U	0.005 U	0.0043 U	0.0045 U
cis-1,2-Dichloroethene	2000	0.41	0.004 U	0.00043 J	0.0043 U	0.0045 U
trans-1,2-Dichloroethene	690	0.59	0.004 U	0.005 U	0.0043 U	0.0045 U
1,2-Dichloropropane	47	0.033	0.004 U	0.005 U	0.0043 U	0.0045 U
cis-1,3-Dichloropropene	-	-	0.004 U	0.005 U	0.0043 U	0.0045 U
trans-1,3-Dichloropropene	-	-	0.004 U	0.005 U	0.0043 U	0.0045 U
Ethylbenzene	270	16	0.004 U	0.005 U	0.0043 U	0.0045 U
2-Hexanone	1400	0.16	0.016 U	0.02 U	0.017 U	0.018 U
Isopropyl benzene	270	13	0.004 U	0.005 U	0.0043 U	0.0045 U
Methyl acetate	29000	66	0.0081 U	0.01 U	0.0085 U	0.0089 U
Methyl cyclohexane	-	-	0.0081 U	0.01 U	0.0085 U	0.0089 U
Methyl tert butyl ether (MTBE)	2200	0.54	0.016 U	0.02 U	0.017 U	0.018 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	3400	4.5	0.016 U	0.02 U	0.017 U	0.018 U
Methylene chloride	3100	0.025	0.004 U	0.005 U	0.0043 U	0.0045 U
Styrene	870	2.2	0.004 U	0.005 U	0.0043 U	0.0045 U
1,1,2,2-Tetrachloroethane	28	0.0052	0.004 U	0.005 U	0.0043 U	0.0045 U
Tetrachloroethene	170	0.045	0.004 U	0.005 U	0.0043 U	0.0045 U

TABLE 1

SOIL ANALYTICAL DATA
WASTE WATER TREATMENT PLANT SOURCE AREA INVESTIGATION
FORMER ANDERSON GUIDE FACILITY
ANDERSON, INDIANA

Sample Location:			*SB13-13*	*SB14-13*	*SB15-13*	*SB16-13*
Sample ID:			*S-017302-022713-SM-009*	*S-017302-022713-SM-010*	*S-017302-022713-SM-011*	*S-017302-022713-SM-012*
Sample Date:			*2/27/2013*	*2/27/2013*	*2/27/2013*	*2/27/2013*
Sample Depth:			*(22.5-25) ft BGS*	*(22.5-25) ft BGS*	*(22.5-25) ft BGS*	*(22.5-25) ft BGS*
Parameters:	*Soil Exposure - Direct Contact - Com/Ind (2013)*	*Groundwater – Soil MTG – Residential (2013)*				
	a	b				
Volatile Organic Compounds Continued (mg/kg)						
Toluene	820	14	0.004 U	0.005 U	0.0043 U	0.0045 U
1,2,4-Trichlorobenzene	270	4.1	0.004 U	0.005 U	0.0043 U	0.0045 U
1,1,1-Trichloroethane	640	1.4	0.004 U	0.005 U	0.0043 U	0.0045 U
1,1,2-Trichloroethane	6.8	0.032	0.004 U	0.005 U	0.0043 U	0.0045 U
Trichloroethene	20	0.036	0.004 U	0.0012 J	0.0043 U	0.0045 U
Trichlorofluoromethane (CFC-11)	1200	14	0.004 U	0.005 U	0.0043 U	0.0045 U
Trifluorotrichloroethane (Freon 113)	910	2600	0.004 U	0.005 U	0.0043 U	0.0045 U
Vinyl chloride	17	0.014	0.0041	0.005 U	0.0043 U	0.0045 U
Xylenes (total)	260	200	0.0081 U	0.01 U	0.0085 U	0.0089 U

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
mg/kg - milligram per kilogram
ft BGS - feet below ground surface