



A Tyco International Ltd. Company

Phase 2.5 Environmental Sampling Investigation

STH 97 Reconstruction Project
Former Engelbrecht Building
233 Alfred Street
Athens, Wisconsin

WisDOT Project I.D. 9535-02-71

Prepared for:

Wisconsin Department of Transportation
Bureau of Equity & Environmental Services
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July 2005

Earth Tech Project No. 79581

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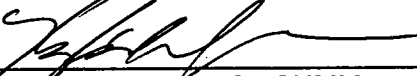
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- Devaul, R.W., and J.H. Breen, Water Resources of Wisconsin - Central Wisconsin River Basin, WGNHS, Hydrologic Atlas HA-321.
- QUEST, 2001, Phase I Hazardous Waste Reconnaissance Investigation Report for STH 97 (CTH M to Black Creek Bridge) ID# 9535-02-71
- QUEST, 2001a; Letter Response to Phase I Hazardous Waste Reconnaissance Investigation Report for STH 97 (CTH M to Black Creek Bridge) ID No. 9535-02-71

LIST OF ABBREVIATIONS

bgs	below ground surface
i.u.	instrument units
kg	kilogram
l	liter
mg	milligram
ppm	parts per million
µg	microgram
BRRTS	Bureau of Remediation and Redevelopment Tracking System
COMM	Wisconsin Department of Commerce
DCA	Dichloroethane
DNR	Wisconsin Department of Natural Resources
DRO	Diesel Range Organics
EPA	U.S. Environmental Protection Agency
GRO	Gasoline Range Organics
MEOH	Methanol
PAHs	Polyaromatic Hydrocarbons
PAL	Preventive Action Limit
PVOCs	Petroleum Volatile Organic Compounds
PID	Photoionization Detector
RCL	Residual Containment Level
ROW	Right of Way
SSL	Soil Screening Level
STH	State Trunk Highway
USGS	U.S. Geological Survey
UST	Underground Storage Tank
VOCs	Volatile Organic Compounds
WisDOT	Wisconsin Department of Transportation
WGNHS	Wisconsin Geological and Natural History Survey

1.0 EXECUTIVE SUMMARY

This report summarizes the results of a Phase 2.5 Environmental Sampling Investigation conducted by Earth Tech, Inc., within the planned construction limits next to the Former Engelbrecht Building, 233 Alfred Street, Athens, Wisconsin. The Phase 1 Hazardous Waste Reconnaissance Investigation Report (Phase 1 Report) identified a dry cleaning business that formerly operated inside the building (QUEST, 2001).

The investigation was part of an overall WisDOT work order (No. 39) to investigate ROW next to seven properties identified within 0.43 mile of STH 97 designated for reconstruction. Six properties needing further investigation were identified in the Phase I Report, and Earth Tech identified a seventh site during a follow-up interview.

The purpose of this investigation was to determine the presence and extent of soil and/or groundwater contamination within construction limits for managing hazardous materials during highway reconstruction. Reconstruction includes highway improvements coupled with sidewalks and storm sewer replacement. The Village of Athens will concurrently replace the sanitary sewer and water main. Highway reconstruction is scheduled to begin in May 2005.

During the field investigation completed by Earth Tech in August 2004, five subsurface borings were advanced to approximately 12 feet bgs in the ROW next to the Former Engelbrecht Building. A subsurface soil sample was selected from each boring for laboratory analysis of VOCs.

1.1 FINDINGS AND CONCLUSIONS

The following findings and conclusions are based on data and information collected during the Phase 2.5 Environmental Sampling Investigation conducted by Earth Tech:

1. Subsurface materials were classified as lean clay (CL) or clayey sand (SC) with lesser amounts of clayey gravel (GC) and poorly graded sand (SP). Colors were mainly oxidized consisting of reddish brown (Munsell 5YR 4/6), reddish yellow (5YR 6/4), and brown (7.5YR 4/4).
2. Groundwater did not accumulate in the open boreholes, and no water samples were collected from this site.
3. A low-level concentration of tetrachloroethylene was detected in the soil sample collected from Boring B-8. There is no regulatory cleanup standard for tetrachloroethylene in soil.

1.2 OPINIONS

The following opinions are developed from the data and information collected by Earth Tech during the Phase 2.5 Environmental Sampling Investigation associated with the site:

1. The apparent extent of low-level tetrachloroethylene contaminated soil is beyond planned excavation limits.

2. Site dewatering is not anticipated during construction next to this site.
3. A "Notice to Contractor" should be placed in the contract special provisions notifying the construction contractor of the potential for encountering low levels of impacted soil within construction limits next to this site.

2.0 SITE INVESTIGATION

2.1 BACKGROUND

The site is currently a parking lot owned by the Village of Athens Fire Commission. QUEST (2001) reported that a dry cleaning business formerly operated on the property. QUEST initially recommended no further action, because no evidence of contamination was observed or documented at the site. In a subsequent update to the Phase 1 report, QUEST (2001a) changed their opinion regarding the need for further action and recommended a Phase 2.5 investigation.

Highway reconstruction will include the removal and replacement of pavement and storm sewer installation. No additional ROW is anticipated for acquisition. The Village of Athens will install water main and sanitary sewer concurrent with highway construction. Highway reconstruction is scheduled to begin in May 2005.

2.2 PURPOSE AND SCOPE

The purpose of the investigation was to determine the presence and extent of contaminated soil and/or groundwater within construction limits at the site.

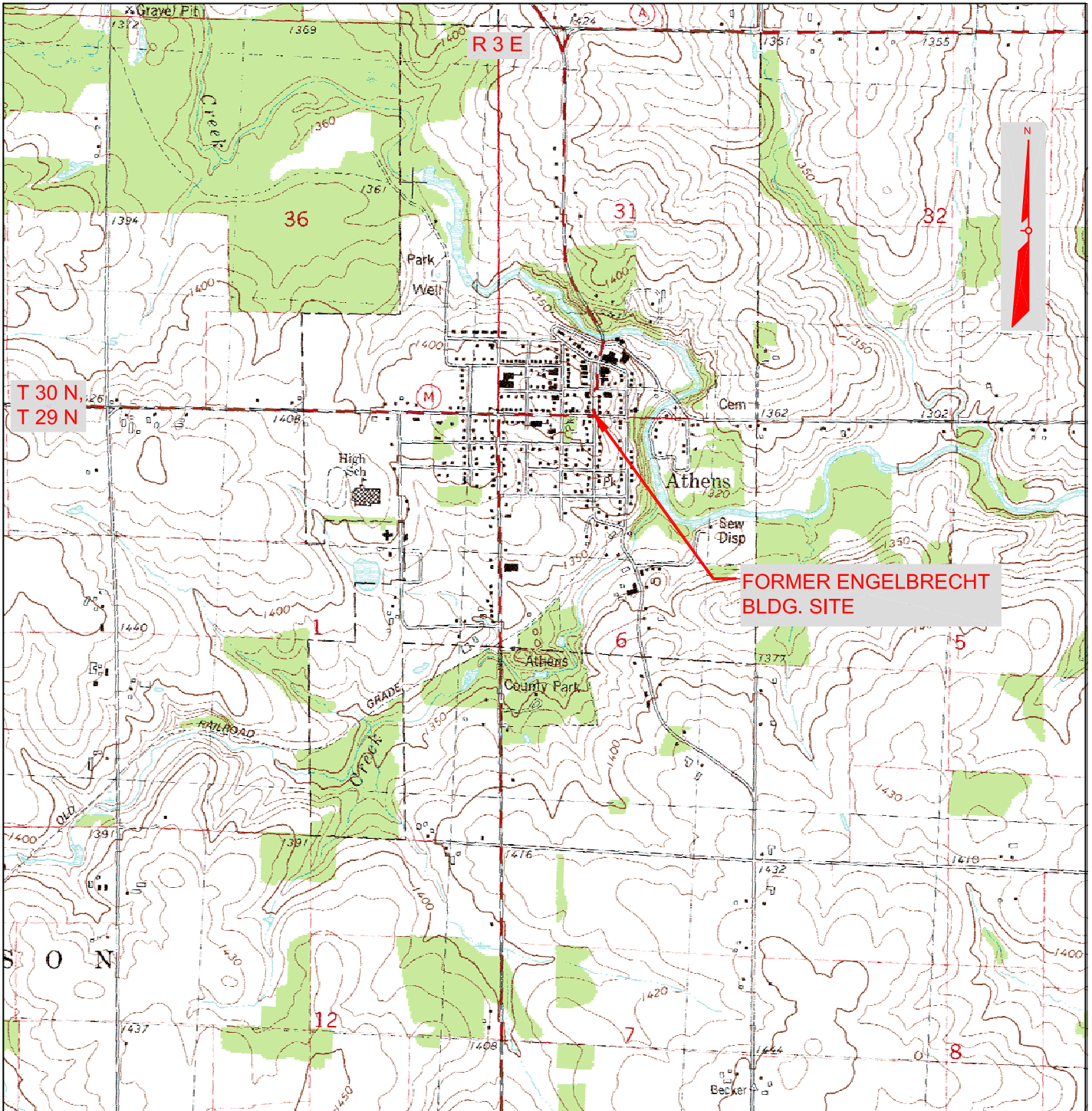
The Phase 2.5 scope of work included:

1. Advancing five soil probe borings (B-8, B-9, B-10, B-11, and B-23) to a typical depth of 12 feet bgs within the construction limits.
2. Visual classification of soil samples obtained continuously from each boring and field screening of samples for volatile organic vapors using a PID and the headspace method.
3. Collection of one soil sample from each boring for laboratory analysis.
4. Completion of borehole closure in accordance with the requirements of Wisconsin Administrative Code, Chapter NR 141.
5. Preparation of this report summarizing the results of the Phase 2.5 Environmental Sampling Investigation.

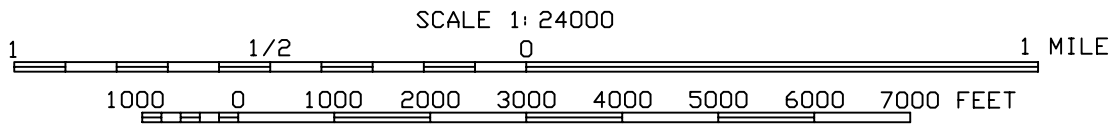
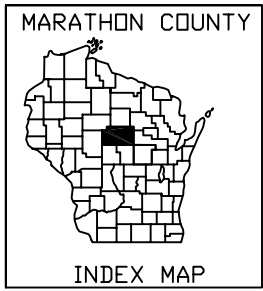
2.3 SITE DESCRIPTION

The site is located on the northwest corner of Alfred and Mueller Streets in Athens, Wisconsin (see Figure 2-1). STH 97 is analogous to both Alfred and Mueller Streets along this block. General site information includes:

Location: SE $\frac{1}{4}$, SW $\frac{1}{4}$, Section 31, Township 30 North, Range 3 East
Address: 233 Alfred Street
Athens, WI 54451



SOURCE: USGS 7.5 MINUTE QUADRANGLE, ATHENS, WISCONSIN, 1982



CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL



FIGURE 2-1
LOCATION MAP
FORMER ENGELBRECHT BLDG.

County: Marathon

2.4 DESCRIPTION OF FIELD INVESTIGATION

On August 24 and 25, 2004, five soil probe borings (B-8, B-9, B-10, B-11, and B-23 on Figure 2-2) were advanced to a depth of 12 feet using a truck-mounted, direct-push rig operated by SES, Inc., of Madison, Wisconsin. Boring nomenclature relates to the overall boring identification system for the STH 97 project. Soil boring logs are presented in Appendix 3.1. The depth of each boring was based on an estimated utility trench depth of 8 to 10 feet. Photographs of the site indicating the boring locations are included in Appendix 3.2.

Subsurface samples were collected continuously using a standard direct-push sampling device and were field screened using a PID. The PID measurements of relative volatile organic vapors within the soil gas are recorded on the soil boring logs. Soil gas monitoring procedures are described in Appendix 3.3.

Soil samples were collected from each boring for laboratory analysis of VOCs. Soil sampling procedures are discussed in Appendix 3.4.

Groundwater did not accumulate in the open boreholes, and no water samples were collected from this site.

Upon completion of sampling, the borings were abandoned with chipped bentonite poured into each borehole in accordance with the requirements of Wisconsin Administrative Code, Chapter NR 141. The Borehole Abandonment Forms are presented in Appendix 3.5.

A negligible volume of soil cuttings were thin-spread on the ground surface next to each boring.

2.5 SUBSURFACE CONDITIONS

The site is regionally located in the eastern portion of the Central Wisconsin River Basin. The area was glaciated, but the glacial succession is generally less than 20 feet thick (NRCS, 1999). The glacial succession is underlain by Precambrian crystalline bedrock.

The soil association mapped at the site is Withee Silt Loam and is characterized by its moderate to moderately slow permeability and reddish brown colors and secondary mottling. Based on the topography, the shallow groundwater movement at the water table is likely east/northeast toward Black Creek, which is located within ¼ mile of the site.

Subsurface materials sampled in the borings were classified as lean clay (CL) with occasional gravel clasts which are indicative of glacial till. Colors were mainly oxidized consisting of reddish brown (Munsell 5YR 4/6) with occasional brown (7.5YR 4/4).

Groundwater did not accumulate in the open boreholes, and no groundwater samples were collected.

Slight odors noted as "sweet" on the boring log were observed at 9 feet in B-8 and below 5 feet in B-9. PID field screening results did not indicate the presence of volatile organic vapors.

FORMER ENGELBRECHT
BUILDING
233 ALFRED ST.

FORMER DRY
CLEANER

STA. 15+56.61, 25.25' LT
REMOVE INLET

STA. 15+77.55, 26.36' RT
REMOVE MANHOLE OTHERS

SIGN

B-9

B-10

B-11

B-8

B-23

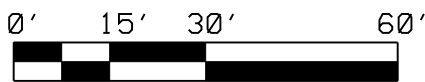
STA. 15+64.21, 23.57' RT
REMOVE INLET

STH 97 - MUELLER ST

STA. 15+64.21, 23.57' RT
STA. 15+77.55, 26.36' RT
REMOVE STORM SEWER
12" DIA. PIPE

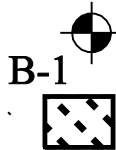
STA. 15+MU+77.55, 26.36' RT -
STA. 16+MU+14.66, 22.57' RT

STA. 16+
R
SEAL 12
STA. 16+M
CONNECH
PIPE TO



SCALE

LEGEND



SOIL PROBE LOCATION

AREA WHERE LOW-LEVEL CHLORINATED SOLVENT
CONTAMINATED SOIL IS PRESENT BEYOND
EXCAVATION LIMITS



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FIGURE 2-2
SITE PLAN
STH 97 FORMER ENGELBRECHT BLDG.

233 ALFRED ST.
ATHENS, WISCONSIN
WISDOT ID# 9535-02-71

MAY 2005

79581

\$\$\$REF03\$\$
\$\$\$RF03\$\$
\$\$\$REF04\$\$
\$\$\$RF04\$\$

\$\$\$USER\$\$
\$\$\$PEN\$\$
\$\$\$LEVELS\$\$
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FILE: L:\WORK\PROJECTS\79581\GRA\FIG2-2.ENG.DGN
DATE: 21-JUN-05-11:12

2.6 ANALYTICAL PARAMETERS AND RESULTS

Analytical parameters were selected in general accordance with WisDOT and DNR guidance for investigations of dry cleaners and included VOCs for soil samples. Standard analytical procedures are discussed in Appendix 3.6.

2.6.1 Soil

One soil sample collected from each of the five borings was submitted to the laboratory for analysis. Soil sample analytical results are summarized in Table 2-1.

The depth at which the “sweet” odor was observed in B-8 collected from 10 to 12 feet deep showed a detection of tetrachloroethylene. As shown in Table 2-1, RCL standards are not established for in soil. No other VOC constituents were detected in B-8.

There were no VOC detections in the other four borings (B-9, B-10, B-11, and B-23).

The sample chain of custody form and laboratory report are included in Appendices 3.7 and 3.8, respectively.

2.7 CONCLUSIONS AND OPINIONS

The following conclusions and opinions were developed from the field and analytical laboratory information collected by Earth Tech during the Phase 2.5 Environmental Sampling Investigation next to the Former Engelbrecht Building:

1. Analytical constituents for assessing contamination from dry cleaning were not detected in the soil samples above regulatory limits collected at the site.
2. Site de-watering is not anticipated during construction at this site.
3. A “Notice to Contractor” should be placed in the contract special provisions notifying the construction contractor of the potential for encountering low levels of impacted soil within the construction limits next to this site.

2.8 STATEMENT OF LIMITATIONS

Earth Tech’s Scope of Services was limited to conducting a Phase 2.5 Environmental Sampling Investigation within the planned construction limits next to the Former Engelbrecht Building.

Earth Tech’s opinion regarding existing conditions at the site does not constitute a guarantee or warranty as to the potential environmental liability associated with the site. Furthermore, the findings and conclusions given are not scientific certainties, but rather probabilities based on data obtained or activities performed during this assessment and professional judgment concerning the significance of this data. All information was collected in accordance with generally accepted professional standards and practices, accepted in good faith, and is assumed to be factual and accurate.

TABLE 2-1
SOIL SAMPLE ANALYTICAL RESULTS
PHASE 2.5 ENVIRONMENTAL SAMPLING INVESTIGATION
STH 97 - FORMER ENGELBRECHT BUILDING
ATHENS, WISCONSIN
EARTH TECH PROJECT NO. 79581

Analyte	NR 720 RCL	Interim Guidance RCL	COMM 46/ NR 746 SSL	Soil Boring No.:				
				Sample Depth (feet):				
				Date Collected:				
				PID (i.u.):				
				B-8 10-12 08/25/04 15.9	B-9 8-10 08/25/04 28.3	B-10 10-12 08/25/04 17.8	B-11A 10-12 08/25/04 20.8	B-23 10-12 08/24/04 13.8
VOCs (mg/kg)								
Benzene	0.0055	NE	8.5	<0.025	<0.025	<0.025	<0.025	<0.025
Bromobenzene	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
Bromodichloromethane	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
n-Butylbenzene	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
sec-Butylbenzene	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
tert-Butylbenzene	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
Carbon Tetrachloride	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorobenzene	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
Chlorodibromomethane	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
Chloroethane	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
Chloroform	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
Chloromethane	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
2-Chlorotoluene	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
4-Chlorotoluene	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
1,2-Dibromo-3-chloropropane	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
1,2-Dibromoethane	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
1,2-Dichlorobenzene	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
1,3-Dichlorobenzene	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
1,4-Dichlorobenzene	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
Dichlorodifluoromethane	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
1,1-Dichloroethane	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
1,2-Dichloroethane	0.0049	NE	0.6	<0.025	<0.025	<0.025	<0.025	<0.025
1,1-Dichloroethylene	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
cis-1,2-Dichloroethylene	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
trans-1,2-Dichloroethylene	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
1,2-Dichloropropane	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
1,3-Dichloropropane	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
2,2-Dichloropropane	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
Ethylbenzene	2.9	NE	4.6	<0.025	<0.025	<0.025	<0.025	<0.025
Hexachlorobutadiene	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
Isopropylbenzene	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
Isopropyl Ether	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
p-Isopropyltoluene	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
Methyl t-Butyl Ether	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
Methylene Chloride	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
Naphthalene	NE	0.4	2.7	<0.025	<0.025	<0.025	<0.025	<0.025
n-Propylbenzene	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
Tetrachloroethylene	NE	NE	NE	0.116	<0.025	<0.025	<0.025	<0.025
1,1,1,2,2-Tetrachloroethane	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
Toluene	1.5	NE	38	<0.025	<0.025	<0.025	<0.025	<0.025
1,2,3-Trichlorobenzene	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
1,2,4-Trichlorobenzene	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2-Trichloroethane	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethylene	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
Trichlorofluoromethane	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
1,2,4-Trimethylbenzene	NE	NE	83	<0.025	<0.025	<0.025	<0.025	<0.025
1,3,5-Trimethylbenzene	NE	NE	11	<0.025	<0.025	<0.025	<0.025	<0.025
Vinyl Chloride	NE	NE	NE	<0.025	<0.025	<0.025	<0.025	<0.025
Xylenes (Total)	4.1	NE	42	<0.050	<0.050	<0.050	<0.050	<0.050

Notes:

1. NE means "Not Established".
2. RCL means applicable "Residual Contaminant Level" based on protection of groundwater as listed in Table 1 of NR 720 and based on human health risk from direct contact related to land use as listed in Table 2 of NR 720.
3. Interim Guidance RCL refers to "Suggested generic residual contaminant levels for PAH compounds in soil" for Direct Contact Pathway for Non-industrial sites as listed in Table 1 of Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance, Wisconsin DNR publication RR-519-97.
4. Comm 46/NR 746 SSL refers to "Soil Screening Level" as listed in Table 1 of COMM 46/NR 746

Earth Tech is not able to determine whether the site or adjoining land areas contain hazardous waste, oil, or other latent conditions beyond those detected or observed by Earth Tech at the time the investigation was conducted. The possibility always exists for contaminants to migrate through the surface water, air, or groundwater. Detailed analysis and discussion of the environmental risk associated with contaminant transport in those media were beyond the scope of this assessment.

The findings, conclusions, and opinion contained in this report are intended for exclusive use by WisDOT and are applicable to only the Phase 2.5 Environmental Sampling Investigation at this site. Earth Tech has no obligations to other persons or organizations who may use or rely upon this information.

3.0 APPENDICES

APPENDIX 3.1
SOIL BORING LOGS

Route To: Watershed/Wastewater Waste Management
 Remediation/Revelpment Other

Page 1 of 1

Facility/Project Name ENGELBRECHT BLDG License/Permit/Monitoring Number _____ Boring Number B-8
STM-97-ATHENS
 Boring Drilled By: Name of crew chief (first, last) and Firm
 First Name: RICH Last Name: OLSEN Date Drilling Started 08/25/2004 Date Drilling Completed 08/25/2004 Drilling Method DIRECT PUSH
 Firm: SES, INC
 WI Unique Well No. _____ DNR Well ID No. _____ Well Name _____ Final Static Water Level _____ Feet MSL Surface Elevation _____ Feet MSL Borehole Diameter 3.0 inches
 Local Grid Origin (estimated:) or Boring Location
 State Plane _____ N, _____ E S/C/N Lat _____ " Long _____ " Local Grid Location _____
SE 1/4 of SW 1/4 of Section 31, T30N, R4W N E
 Facility ID _____ County MARATHON County Code 37 Civil Town/Village ATHENS
 Feet S _____ Feet W _____ Feet

Sample Number and Type	Length Alt. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/PLD	Soil Properties				RQD/ Comments
									Compressive Strength	Moisture Content	OROR Liquid Limit	Plasticity Index	
				<u>CONCRETE COVERED</u>									
S-1	14/10	4	1	<u>9" CONCRETE</u>	<u>FILL</u>								
		2	2	<u>0.7 TO 2.0 SAND</u>				<u>12.7</u>		<u>MOIST NONE</u>			<u>9:15</u>
S-2	24/17	4	3	<u>2.0 TO 4.0 FIRM, REDDISH BROWN (54% 4/6) GRAVELLY LEAN CLAY, MOIST</u>	<u>CL</u>			<u>-13.7</u>		<u>MOIST NONE</u>			<u>9:20</u>
		4	4										
		5	4	<u>4.0 TO 6.0 SAA</u>	<u>CL</u>								
		6	6										
S-3	24/20	11	5	<u>ROCK</u>									<u>9:25</u>
		12	6	<u>ROCK</u>									
		12	6	<u>6.0 TO 8.0 SAA</u>	<u>CL</u>			<u>13.1</u>		<u>MOIST NONE</u>			
S-4	24/18	13	7	<u>GRANITIC ROCK</u>									<u>9:30</u>
		13	8										
		14	8	<u>8.0 TO 10.0 SAA LESS GRAVEL - FATTER</u>	<u>CL</u>			<u>14.6</u>		<u>MOIST NONE</u>			
S-5	24/24	8	9										<u>9:35</u>
		7	7										
		8	10	<u>10. TO 12.0 SAA FAT CLAY</u>	<u>CL</u>					<u>MOIST SLIGHT SWEET</u>			
S-6	24/24	5	5					<u>12.7</u>					
		6	6										
		6	11										<u>9:40</u>
		7	12	<u>END @ 12.0'</u>	<u>CL</u>			<u>15.9</u>		<u>MOIST NONE</u>			<u>VOCS</u>

I hereby certify that the information on this form is true and correct to the best of my knowledge.
 Signature Paul Cogan Firm EARTH TECH, INC * NO WATER RECOVERY

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

Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other

Page 1 of 1

Facility/Project Name: **FORMER ENGELBRECHT**
STH-97-ATHENS
 License/Permit/Monitoring Number: _____ Boring Number: **B-9**
 Boring Drilled By: Name of crew chief (first, last) and Firm
 First Name: **RICH** Last Name: **OLSEN** Date Drilling Started: **08/25/2004** Date Drilling Completed: **08/26/2004** Drilling Method: **DIRECT PUSH**
 Firm: **SES, INC**
 WI Unique Well No. _____ DNR Well ID No. _____ Well Name _____ Final Static Water Level _____ Feet MSL Surface Elevation _____ Feet MSL Borehole Diameter: **3.0** inches
 Local Grid Origin (estimated:) or Boring Location
 State Plane _____ N, _____ E S/C/N Lat _____ Long _____ Local Grid Location _____ Feet N E S W
 Facility ID _____ County: **MARATHON** County Code: **37** Civil Town/Village: **ATHENS**

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/PLD	Soil Properties				RQD/Comments	
									Compressive Strength	Moisture Content	ORR Liquid Limit	Plasticity Index		P 200
S-1	14/10	3	1	CONCRETE COVERED 3" CONCRETE 0.5 TO 1.8 SAND + GRAVEL	FILL								8:30	
S-2	24/16	2	2	1.8 TO 2.0 FIRM, REDDISH BROWN (54% 1/6) GRAVELLY LEHM CLAY, 2.0 TO 3.8 SAA	CL			136						8:35
S-3	24/10	6	3	3.8 TO 4.0 BRICK FRAGMENTS 4.0 TO 6.0 CL AS ABOVE	CL FILL			153						8:40
S-4	24/21	4	4	6.0 TO 8.0 SAA - LESS GRAVEL - FATTER	CL			20.1 14.4						8:45
S-5	24/24	5	5	2.0 TO 10.0 SAA FAT CLAY	CL									8:50
S-6	24/124	6	6	10.0 TO 12.0 SAA	CL			28.3						VOCs
		7	7	EOB @ 12.0'	FL			14.7						8:55

I hereby certify that the information on this form is true and correct to the best of my knowledge.
 Signature: Paul Egan Firm: EARTH TECH, INC *NO WATER RECOVERY

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Route To: Watershed/Wastewater Waste Management
 Remediation/Revelopment Other

Page 1 of 1

Facility/Project Name <u>ENGELBRECHT BLDG</u> <u>STH-97-ATHENS</u>		License/Permit/Monitoring Number	Boring Number <u>B-10</u>
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <u>RICH</u> Last Name: <u>OLSEN</u> Firm: <u>SES, INC</u>		Date Drilling Started <u>08/25/2004</u>	Date Drilling Completed <u>08/25/2004</u> Drilling Method <u>DIRECT PUSH</u>
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level Feet MSL
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane <u>N</u> , <u>E S/C/N</u>		Surface Elevation Feet MSL	Borehole Diameter <u>3.0</u> inches
<u>SE 1/4 of SW 1/4 of Section 31, T 30 N, R 46 W</u>		Lat <u>0</u> ' "	Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> Feet <input type="checkbox"/> S <input type="checkbox"/> Feet <input type="checkbox"/> W
Facility ID	County <u>MARATHON</u>	County Code <u>37</u>	Civil Town/Village <u>ATHENS</u>

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/PID	Soil Properties				RQD/ Comments
									Compressive Strength	Moisture Content	Plasticity Index	P 200	
				CONCRETE COVERED									
S-1	14/18	6	1	8" CONCRETE	FILL								10:00
		10	2	0.7 TO 2.0 SAND & GRAVEL				13.2		MOIST	NONE		
S-2	24/16	5	3	2.0 TO 4.0 FIRM, REDDISH BROWN (5YR 4/6) GRAVELLY LEAN CLAY, MOIST									10:05
		8	4	4.0 TO 6.0 SAA	CL			14.0		MOIST	NONE		
S-3	24/15	9	5	-ROCK									10:10
		9	6	6.0 TO 8.0 SAA	CL			12.9		MOIST	NONE		
S-4	24/20	10	7	-GRANITIC ROCK									10:15
		35	8	8.0 TO 10.0 GRANITIC ROCK FRAGMENTS	CL			17.5		MOIST	NONE		
S-5	24/10	14	9										10:18
		6	10	10.0 TO 12.0 FIRM, REDDISH BROWN (5YR 4/6) FAT CLAY, TRACE GRAVEL, MOIST									
S-6	24/22	8	11	-SOFT @ 11.0'									10:20
		7	12	EOB @ 12.0'	CL			17.8		MOIST	NONE		VOGS

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

Signature Phil Cozart

Firm EARTH TECH, INC

* NO WATER RECOVERY

Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other

Facility/Project Name ENGELBRECHT BLDG License/Permit/Monitoring Number _____ Boring Number B-11
STM-97-ATHENS

Boring Drilled By: Name of crew chief (first, last) and Firm
First Name: RICH Last Name: OLSEN Date Drilling Started 08/25/2004 Date Drilling Completed 08/25/2004 Drilling Method DIRECT PUSH
Firm: SES, INC

WI Unique Well No. _____ DNR Well ID No. _____ Well Name _____ Final Static Water Level _____ Surface Elevation _____ Borehole Diameter 3.0 inches
Local Grid Origin (estimated:) or Boring Location
State Plane _____ N. _____ E S/C/N Lat 0 ' " Local Grid Location _____ Feet S _____ Feet W

SE 1/4 of SW 1/4 of Section 31 . T 30 N. R 4 W Long 0 ' " Facility ID _____ County MARATHON County Code 37 Civil Town ATHENS or Village _____

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/PLD	Soil Properties				RQD/ Comments
									Compressive Strength	Moisture Content	ORDR Liquid Limit	Plasticity Index	
				CONCRETE COVERED									
S-1	14 1/4	7	1	8" CONCRETE	FILL								10:40
		6	2	0.7 TO 2.0 SAND & GRAVEL									
		3		2.0 TO 3.9 SAA									
S-2	24 1/13	4	3		FILL								10:45
		6	4	3.9 TO 4.0 FIRM, REDDISH BROWN									
		5	4	(51R 4/2) GRAVELLY LEAN CLAY	CL			18.6					
		9	5	4.0 TO 6.0 SAA									
S-3	24 1/12	8	5										10:50
		7		ROCKS									
		16	6	6.0 TO 8.0 SAA	CL			16.1					
S-4	24 1/16	21	7										
		19	8	SPOON REFUSAL - GRANITE				19.8					
		10 1/2	8	EOB @ 8.0'									
			9	* MOVED W' NORTH FOR B-11A									
			10										
			11										
			12										

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

Signature Phil Cozart Firm EARTH TECH, INC

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Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other

Page 1 of 1

Facility/Project Name ENGELBRECHT BLDG License/Permit/Monitoring Number _____ Boring Number B-11A
STH-97-ATHENS
 Boring Drilled By: Name of crew chief (first, last) and Firm
 First Name: RICH Last Name: OLSEN Date Drilling Started 08/25/2004 Date Drilling Completed 08/25/2004 Drilling Method DIRECT PUSH
 Firm: SES, INC
 WI Unique Well No. _____ DNR Well ID No. _____ Well Name _____ Final Static Water Level _____ Feet MSL Surface Elevation _____ Feet MSL Borehole Diameter 3.0 inches
 Local Grid Origin (estimated:) or Boring Location
 State Plane _____ N, _____ E S/C/N Lat _____ Long _____ Local Grid Location N E S W
 SE 1/4 of SW 1/4 of Section 31, T 30N, R 4 W
 Facility ID _____ County MARATHON County Code 37 Civil Town/Village ATHENS

Sample Number and Type	Length Alt. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/PLD	Soil Properties				RQD/Comments
									Compressive Strength	Moisture Content	Plasticity Index	P 200	
			1	CONCRETE COVERED									
			2	BLIND SPOON TO 8.0'									
			3	* RESULTS CONCURRENT WITH B-11									
			4										
			5										
			6										
			7										
S-5	100/16 60/1		8	8.0 TO 8.5 FIRM, REDDISH BROWN GRANULY LEAN CLAY	CL								
			9	SPOON REFUSAL @ 8.5' SWITCH TO AUGER									
			10	AUGER									11:20
			11	10.0 TO 12.0 CL AS ABOVE * FAT CLAY									
S-6			12	EOB @ 12.0	CL			2018		MAST NONE			UCCS 11:45

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

Signature Phil Coogan Firm EARTH TECH, INC * NO WATER RECOVERY

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Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other

Page 1 of 1

Facility/Project Name <u>OLD BUS GARAGE</u> <u>STH-97-ATHENS</u>		License/Permit/Monitoring Number	Boring Number <u>B-23</u>
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <u>RICH</u> Last Name: <u>OLSEN</u>		Date Drilling Started <u>08/24/2004</u>	Date Drilling Completed <u>08/24/2004</u>
Firm: <u>SES, INC</u>		Drilling Method <u>DIRECT PUSH</u>	
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level Feet MSL
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		Surface Elevation Feet MSL	
State Plane <u>N</u> , <u>E S/C/N</u>		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
<u>NW 1/4 of NE 1/4 of Section 6, T 29 N, R 4 W</u>		Lat <u>0</u> ' "	Long <u>0</u> ' "
Facility ID	County <u>MARATHON</u>	County Code <u>37</u>	Civil Town/Village <u>ATHENS</u>

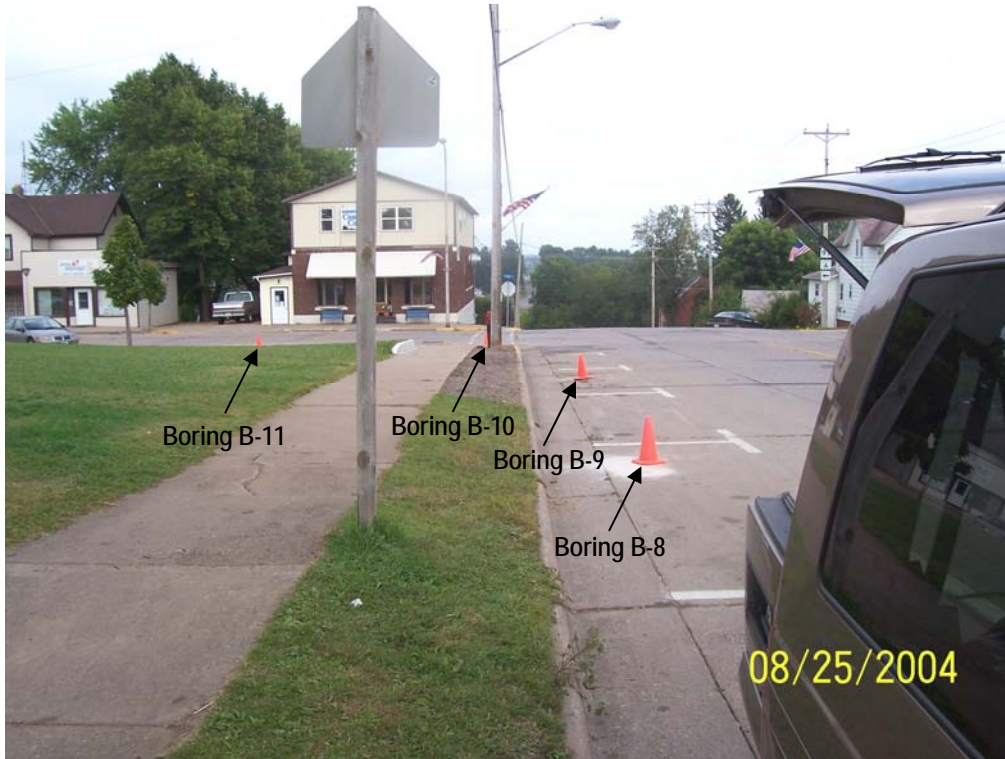
Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/PLD	Soil Properties				RQD/Comments
									Compressive Strength	Moisture Content	ODOR Liquid Limit	Plasticity Index	
S-1			1	CONCRETE COVERED 7" CONCRETE	FW								15:20
			2	0.6 TO 2.0 SAND + GRAVEL									
S-2	24/12		3	2.0 TO 4.0 FIRM, REDDISH BROWN (5-12 1/6) LEAN CLAY, TRACE GRAVEL, MOIST	CL								15:25
			4	4.0 TO 6.0 SAA				13.6					
S-3	24/18		5	6.0 TO 8.0 SAA SOFT FAT CLAY	CL								15:30
			6					14.5					
S-4	24/22		7	8.0 TO 10.0 SAA	CL								15:35
			8					11.8					
S-5	24/22		9	10.0 TO 12.0 SAA	CL								15:40
			10					13.0					
S-6	24/24		11										
			12	ROB @ 12.0'	CI			13.8					15:45

I hereby certify that the information on this form is true and correct to the best of my knowledge.
Signature: Phil Cozart Firm: EARTH TECH, INC * NO WATER RECOVERY

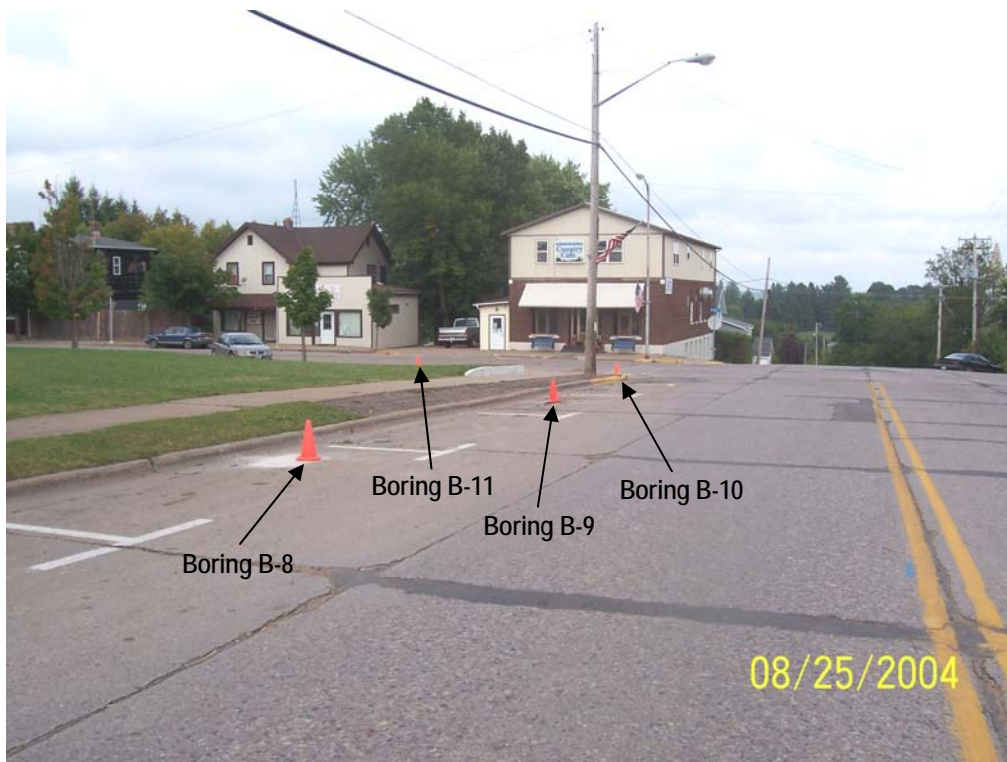
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APPENDIX 3.2
PHOTOGRAPH LOG

Former Engelbrecht Building
Phase 2.5 Environmental Sampling Investigation
233 Alfred Street
Athens, Wisconsin
Work Performed and Photographs Taken on August 24 and 25, 2004



Boring locations looking east.



Boring locations looking east.

Former Engelbrecht Building
Phase 2.5 Environmental Sampling Investigation
233 Alfred Street
Athens, Wisconsin
Work Performed and Photographs Taken on August 24 and 25, 2004



Boring locations looking north.

APPENDIX 3.3
SOIL GAS MONITORING

3.3 SOIL GAS MONITORING

PID Model: HNu DL-102
Probe: 10.2 eV Lamp
Calibration Gas: 100 ppm Isobutylene/Air
Reading: 100 ppm

Soil samples obtained from the soil borings were analyzed for volatile organic vapors using a PID. The PID was calibrated per factory specifications with 100 ppm isobutylene gas before and after each sampling was conducted. Soil gas readings for specified depth intervals were obtained using the headspace method. Soil samples were placed in plastic zip-lock bags, the bags were agitated, and the air in each bag was allowed to equilibrate with the soil sample for up to 30 minutes. The PID probe was then inserted into the bag headspace, and the instrument reading was recorded. Soil sample PID readings were recorded on the Soil Boring Logs.

Soil gas readings were obtained using the headspace method. Soil samples were placed in plastic zip-lock bags, and the air in each bag was allowed to equilibrate with the soil sample for up to 30 minutes. If the outside air temperature was below 70 degrees Fahrenheit, the soil samples were heated to a temperature of approximately 75 degrees Fahrenheit. The PID probe was then inserted into the bag headspace, and the instrument reading was recorded.

APPENDIX 3.4
STANDARD SAMPLING PROCEDURES

3.4 STANDARD SAMPLING PROCEDURES

3.4.1 Soil

Soil samples were collected continuously from the soil probe boring using 2-inch diameter split-spoon samplers. Samples collected for laboratory analysis were removed from the sampler and placed into laboratory supplied glass jars using new protective gloves. Protective gloves were disposed after collection of each sample. All soil samples were preserved according to DNR and EPA protocol. The samplers were washed in a solution of Alconox soap and water, and double rinsed with tap water between samples.

APPENDIX 3.5

BOREHOLE ABANDONMENT FORMS

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location	County <u>MARATHON</u>	Original Well Owner (If Known) <u>WISDOT BEES</u>	Present Well Owner <u>SAME</u>
SE 1/4 of SW 1/4 of Sec. <u>37</u> ; T. <u>30</u> N. R. <u>4</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W (If applicable)		Street or Route <u>4807 SHERIDAN AVE</u>	
Gov't Lot _____ Grid Number _____		City, State, Zip Code <u>MADISON WI 53707</u>	
Grid Location _____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S. _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		Facility Well No. and/or Name (If Applicable) <u>BR</u>	
Civil Town Name <u>HALSEY</u>		WI Unique Well No. _____	
Street Address of Well <u>233 ALFRED</u>		Reason For Abandonment <u>TEMPORARY BOREHOLE</u>	
<input checked="" type="checkbox"/> City <input type="checkbox"/> Village <u>ATHENS</u>		Date of Abandonment <u>8/25/04</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION		(4) Depth to Water (Feet) <u>NA</u>	
3) Original Well/Drillhole/Borehole Construction Completed On (Date) <u>8/25/04</u>		Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>TEMPORARY BOREHOLE</u>	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole		Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		(5) Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>GRAVITY-DUMP</u>	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) <u>DIRECT PUSH</u>		(6) Sealing Materials For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Chipped Bentonite	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock			
Total Well Depth (ft.) <u>12.0</u> Casing Diameter (ins.) _____ (From ground surface)			
Casing Depth (ft.) _____			
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet			

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>ASPHALT PATCH</u>	<u>Surface</u>	<u>0.3</u>		
<u>PURE GOLD MEDIUM CHIPS</u>	<u>0.3</u>	<u>12.0</u>	<u>20 lbs</u>	

Comments: _____

Name of Person or Firm Doing Sealing Work <u>PHIL EAGAN - EARTH TECH, INC</u>	
Signature of Person Doing Work <u>Phil Eagan</u>	Date Signed <u>8/25/04</u>
Street or Route <u>200 INDIANA AVE</u>	Telephone Number <u>(715) 341-8110</u>
City, State, Zip Code <u>STEVENS POINT, WI 54481</u>	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location	County <u>MARATHON</u>	Original Well Owner (If Known) <u>WISDOT BEES</u>	
<u>SE</u> 1/4 of <u>SW</u> 1/4 of Sec. <u>31</u> ; T. <u>30</u> N. R. <u>4</u>	<input checked="" type="checkbox"/> E <input type="checkbox"/> W	Present Well Owner <u>SAME</u>	
Gov't Lot	Grid Number	Street or Route <u>4807 SHERIDAN AVE</u>	
Grid Location	ft. <input type="checkbox"/> N. <input type="checkbox"/> S., ft. <input type="checkbox"/> E. <input type="checkbox"/> W.	City, State, Zip Code <u>MADISON WI 53707</u>	
Civil Town Name	Street Address of Well	Facility Well No. and/or Name (If Applicable)	WI Unique Well No.
<u>HALSEY</u>	<u>233 ALFRED</u>	<u>B-9</u>	
City/Village <u>ATHENS</u>	Reason For Abandonment <u>TEMPORARY BOREHOLE</u>	Date of Abandonment <u>8/25/04</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION	
<p>3) Original Well/Drillhole/Borehole Construction Completed On (Date) <u>8/25/04</u></p> <p><input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole</p> <p>Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) <u>DIRECT PUSH</u></p> <p>Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock</p> <p>Total Well Depth (ft.) <u>12.0</u> Casing Diameter (ins.) _____ (From ground surface)</p> <p>Casing Depth (ft.) _____</p> <p>Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet</p>	<p>4) Depth to Water (Feet) <u>NA</u></p> <p>Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>TEMPORARY BOREHOLE</u></p> <p>Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>5) Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>GRAVITY-DUMP</u></p> <p>6) Sealing Materials For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Chipped Bentonite <input checked="" type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Cement Grout</p>

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>ASPHALT PATCH</u>	Surface	<u>0.3</u>		
<u>PURE GOLD MEDIUM CHIPS</u>	<u>0.3</u>	<u>12.0</u>	<u>18165</u>	

Comments: _____

Name of Person or Firm Doing Sealing Work <u>PHIL FAGAN - EARTH TECH, INC</u>	
Signature of Person Doing Work <u>Phil Fagan</u>	Date Signed <u>8/25/04</u>
Street or Route <u>200 INDIANA AVE</u>	Telephone Number <u>(715) 341-8110</u>
City, State, Zip Code <u>STEVENS POINT, WI 54481</u>	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location	County <u>MARATHON</u>	Original Well Owner (If Known) <u>WISDOT BEES</u>	
<u>SE 1/4 of SW 1/4 of Sec. 31 ; T. 30 N. R. 4</u> (If applicable)	<input checked="" type="checkbox"/> E <input type="checkbox"/> W	Present Well Owner <u>SAME</u>	
Gov't Lot	Grid Number	Street or Route <u>4807 SHERBYGAN AVE</u>	
Grid Location	ft. <input type="checkbox"/> N. <input type="checkbox"/> S., <input type="checkbox"/> E. <input type="checkbox"/> W.	City, State, Zip Code <u>MADISON WI 53707</u>	
Civil Town Name		Facility Well No. and/or Name (If Applicable)	WI Unique Well No.
Street Address of Well <u>233 ALFRED</u>		<u>B-10</u>	
<input checked="" type="checkbox"/> City/Village <u>ATHENS</u>		Reason For Abandonment <u>TEMPORARY BOREHOLE</u>	
		Date of Abandonment <u>8/25/04</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION			
3) Original Well/Drillhole/Borehole Construction Completed On		4) Depth to Water (Feet) <u>NA</u>	
(Date) <u>8/25/04</u>		Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>TEMPORARY BOREHOLE</u>	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole	Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) <u>DIRECT PUSH</u>	Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	5) Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>GRAVITY-DUMP</u>	
Total Well Depth (ft.) <u>12.0</u> Casing Diameter (ins.) _____ (From ground surface)	6) Sealing Materials For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Chipped Bentonite		
Casing Depth (ft.) _____ Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet			

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>ASPHALT PATCH</u>	<u>Surface</u>	<u>0.4</u>		
<u>PURE GOLD MEDIUM CHIPS</u>	<u>0.4</u>	<u>12.0</u>	<u>17lbs</u>	

Comments: _____

Name of Person or Firm Doing Sealing Work <u>PHIL FAGAN - EARTH TECH, INC</u>	
Signature of Person Doing Work <u>Phil Fagan</u>	Date Signed
Street or Route <u>200 INDIANA AVE</u>	Telephone Number <u>(715) 341-8110</u>
City, State, Zip Code <u>STEVENS POINT, WI 54481</u>	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location	County <u>MARATHON</u>	Original Well Owner (If Known) <u>WISDOT BEES</u>	
SE 1/4 of SW 1/4 of Sec. <u>31</u> ; T. <u>30</u> N. R. <u>4</u> (If applicable)		Present Well Owner <u>SAME</u>	
Gov't Lot	Grid Number	Street or Route <u>4807 SHERBOGAN AVE</u>	
Grid Location _____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, State, Zip Code <u>MADISON WI 53707</u>	
Civil Town Name <u>HALSEY</u>		Facility Well No. and/or Name (If Applicable) <u>B-11</u>	WI Unique Well No. _____
Street Address of Well <u>233 ALFRED</u>		Reason For Abandonment <u>TEMPORARY BOREHOLE</u>	
City, Village <u>ATHENS</u>		Date of Abandonment <u>8/25/04</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION		(4) Depth to Water (Feet) <u>N/A</u>	
3) Original Well/Drillhole/Borehole Construction Completed On (Date) <u>8/25/04</u>		Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>TEMPORARY BOREHOLE</u>	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole	Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) <u>DIRECT PUSH</u>		(5) Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>GRAVITY-DUMP</u>	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		(6) Sealing Materials For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Chipped Bentonite <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Cement Grout	
Total Well Depth (ft.) <u>8.0</u> Casing Diameter (ins.) _____ (From ground surface)			
Casing Depth (ft.) _____			
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet			

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>ASPHALT PATCH</u>	<u>Surface</u>	<u>0.3</u>		
<u>PURE GOLD MEDIUM CHIPS</u>	<u>0.3</u>	<u>8.0</u>	<u>9/15</u>	

Comments: _____

Name of Person or Firm Doing Sealing Work <u>PHIL FAGAN - EARTH TECH, INC</u>	
Signature of Person Doing Work <u>Phil Fagan</u>	Date Signed <u>8/25/04</u>
Street or Route <u>200 INDIANA AVE</u>	Telephone Number <u>(715) 341-8110</u>
City, State, Zip Code <u>STEVENS POINT, WI 54481</u>	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location	County <u>MARATHON</u>	Original Well Owner (If Known) <u>WISDOT BEES</u>	
SE 1/4 of SW 1/4 of Sec. <u>31</u> ; T. <u>30</u> N. R. <u>4</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W (If applicable)		Present Well Owner <u>SAME</u>	
Gov't Lot	Grid Number	Street or Route <u>4807 SHERBYGAN AVE</u>	
Grid Location _____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S. _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, State, Zip Code <u>MADISON WI 53707</u>	
Civil Town Name <u>HALSEY</u>		Facility Well No. and/or Name (If Applicable) <u>B-112</u>	WI Unique Well No. _____
Street Address of Well <u>333 ALFRED</u>		Reason For Abandonment <u>TEMPORARY BOREHOLE</u>	
City/Village <u>ATHENS</u>		Date of Abandonment <u>8/25/04</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION		(4) Depth to Water (Feet) <u>NA</u>	
3) Original Well/Drillhole/Borehole Construction Completed On (Date) <u>8/25/04</u>		Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>TEMPORARY BOREHOLE</u>	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole	Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) <u>DIRECT PUSH</u>		(5) Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>GRAVITY-DUMP</u>	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		(6) Sealing Materials For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Chipped Bentonite <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Cement Grout	
Total Well Depth (ft.) <u>12.0</u> Casing Diameter (ins.) _____ (From ground surface)			
Casing Depth (ft.) _____			
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet			

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>ASPHALT PATCH</u>	<u>Surface</u>	<u>0.5</u>		
<u>PURE GOLD MEDIUM CHIPS</u>	<u>0.5</u>	<u>12.0</u>	<u>120/lbs</u>	

Comments: _____

Name of Person or Firm Doing Sealing Work <u>PHIL FAGAN - EARTH TECH, INC</u>	
Signature of Person Doing Work <u>Phil Fagan</u>	Date Signed <u>8/25/04</u>
Street or Route <u>200 INDIANA AVE</u>	Telephone Number <u>(715) 341-8110</u>
City, State, Zip Code <u>STEVENS POINT, WI 54481</u>	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location	County <u>MARATHON</u>	Original Well Owner (If Known) <u>WISDOT BEES</u>	
NW 1/4 of NE 1/4 of Sec. <u>6</u> ; T. <u>29</u> N. R. <u>4</u> (If applicable)		Present Well Owner <u>SAME</u>	
Gov't Lot	Grid Number	Street or Route <u>4807 SHERBYGAN AVE</u>	
Grid Location _____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S. _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, State, Zip Code <u>MADISON WI 53707</u>	
Civil Town Name <u>RIETROCK</u>		Facility Well No. and/or Name (If Applicable) <u>B-23</u>	WI Unique Well No. _____
Street Address of Well <u>205 MUELLER</u>		Reason For Abandonment <u>TEMPORARY BOREHOLE</u>	
City/Village <u>ATHENS</u>	Date of Abandonment <u>8/24/04</u>		

WELL/DRILLHOLE/BOREHOLE INFORMATION		(4) Depth to Water (Feet) <u>NA</u>	
(3) Original Well/Drillhole/Borehole Construction Completed On (Date) <u>8/24/04</u>		Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>TEMPORARY BOREHOLE</u>	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole	Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) <u>DIRECT PUSH</u>	Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	(5) Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>GRAVITY-DUMP</u>	
Total Well Depth (ft.) <u>12.0</u> Casing Diameter (ins.) _____ (From ground surface) Casing Depth (ft.) _____	(6) Sealing Materials For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Chipped Bentonite		
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet			

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>ASPHALT PATCH</u>	Surface	<u>0.5</u>		
<u>PURE GOLD MEDIUM CHIPS</u>	<u>0.5</u>	<u>12.0</u>	<u>20lbs</u>	

8) Comments: _____

9) Name of Person or Firm Doing Sealing Work

Signature of Person Doing Work <u>Phil Eagan</u>	Date Signed <u>8/24/04</u>
Street or Route <u>200 INDIANA AVE</u>	Telephone Number <u>(715) 341-8110</u>
City, State, Zip Code <u>STEVENS POINT, WI 54481</u>	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

APPENDIX 3.6

STANDARD ANALYTICAL PROCEDURES

3.6 STANDARD ANALYTICAL PROCEDURES

Soil samples were analyzed by U.S. Filter/Enviroscan, Rothschild, Wisconsin (DNR Certification No. 737053130).

The analytical methods used included:

1. VOCs by EPA Method 8021

Sample detection limits for specific analyses are included on the laboratory data sheets.

APPENDIX 3.7

CHAIN OF CUSTODY FORM

REQUEST FOR SERVICES



ENVIROSCAN SERVICES

301 W. MILITARY RD.

ROTHSCHILD, WI 54474

1-800-338-SCAN

REPORT TO:

Name: KYLE WAGONER
 Company: EARTH TECH INC
 Address: STEVENS POINT WI 54481
200 INDIANA AVE
 Phone: (715) 342-3038
 P.O.# _____
 Project # 79581 Quote # 7384

BILL TO: (if different from Report To info)

Name: _____
 Company: _____
 Address: _____
 Phone: (____) _____

Location STH 97 ATHENS FORMER LENGBRECHT Bldg.

ANALYTICAL REQUESTS

(use separate sheet if necessary)

Sample Type
(Check all that apply)

- Groundwater
- Wastewater
- Soil/Solid
- Drinking Water
- Oil
- Vapor
- Other

Turnaround Time

- Normal
- Rush (Pre-approved by Lab)

Date Needed 5-DAY

Approved By JMS

1 T.S. Cont. / 202 MeOH prep jar
VOCs

LAB USE ONLY	DATE	TIME	No. of Containers		SAMPLE ID	REMARKS
			COMP	GRAB		
70161424	8/25/04	0830			MeOH	X
70161425		0950	2		B-9 9.0 to 10.0	X
70161426		0940	2		B-8 10.0 to 12.0	X
70161427		1020	2		B-10 10.0 to 12.0	X
70161428		1145	2		B-11A 10' to 12'	X

CHAIN OF CUSTODY RECORD

SAMPLERS: (Signature) Phil Egan

RELINQUISHED BY: (Signature) <u>Phil Egan</u>	DATE/TIME 8/26/04 7:10	RECEIVED BY: (Signature)
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED FOR LABORATORY BY: (Signature) <u>Low</u>

Del'v: (Hand) Comm
 Ship. Cont. OK Y N N/A
 Samples leaking? Y N N/A
 Seals OK? Y N N/A
 Rec'd on ice? Y N N/A f.c

Comments: _____

DATE/TIME
8-26-04 17:10

APPENDIX 3.8
LABORATORY REPORT



A Siemens Business

ENVIROSCAN SERVICES
301 WEST MILITARY ROAD
ROTHSCHILD, WI 54474

TELEPHONE 800-338-7226
FACSIMILE 715-355-3221
WEBSITE www.usfilter.com

August 31, 2004

Earth Tech, Inc. (Stevens Point WI)
200 Indiana Ave
Stevens Point, Wi 54481

Attn: Kyle Wagoner

REPORT NO.: 161424

RECEIVED

SEP 2 2004

EARTH TECH

STH 97, ATHENS
FORMER ENGELBRECHT BLDG

PROJECT NO.: ENGELBRECHT

Please find enclosed the analytical report, including the Sample Summary, Sample Narrative and Chain of Custody for your sample set received August 26, 2004.

All analyses were performed in accordance with approved methods as indicated on this report.

If you have any questions about the results, please call. Thank you for using USFilter, Enviroscan Services for your analytical needs.

Sincerely,

USFilter, Enviroscan Services

Eric A. Lorge
Project Manager

I certify that the data contained in this report has been generated and reviewed in accordance with the USFilter, Enviroscan Services Quality Assurance Program. Exceptions, if any, are discussed in the sample narrative. Samples will be retained for 30 days from the date of this report, then disposed in an appropriate manner. USFilter, Enviroscan Services reserves the right to return samples identified as hazardous. Release of this Final Report is authorized as verified by the following signature.

Approved by: James R. Sedow

Certifications:

Wisconsin 737053130
Minnesota 055-999-302
Maryland 276

Oregon (WI-100001)
Illinois 200025
Washington C293



A Siemens Business

ENVIROSCAN SERVICES
301 WEST MILITARY ROAD
ROTHSCHILD, WI 54474

TELEPHONE 800-338-7226
FACSIMILE 715-355-3221
WEBSITE www.usfilter.com

Sample Summary

161424.2

<u>Lab Id</u>	<u>Client Sample ID</u>	<u>Date/Time</u>	<u>Matrix</u>
161424	MEOH BLANK-USF	08/25/04	SOIL
161425	B9 8-10'	08/25/04 08:50	SOIL
161426	B8 10-12'	08/25/04 09:40	SOIL
161427	B10 10-12'	08/25/04 10:20	SOIL
161428	B11A 10-12'	08/25/04 11:45	SOIL

Sample Narrative/Sample Status

LOGIN:

GENERAL:

ANALYSES:

QA/QC:

REPORTING:

Definitions

LOD = Limit of Detection (Not dilution corrected)
 LOQ = Limit of Quantitation (Not dilution corrected)
 < = Less Than
 COMP = Complete
 SUBCON = Subcontracted analysis
 mv = millivolts
 pCi/l = picocurie per liter
 ml/l = milliliters/Liter
 mg = milligrams

$\mu\text{g/l}$ = Micrograms per liter = parts per billion (ppb)
 $\mu\text{g/kg}$ = Micrograms per kilogram = parts per billion (ppb)
 mg/l = Milligrams per liter = parts per million (ppm)
 mg/kg = Milligrams per kilogram = parts per million (ppm)
 NOT PRES = Not Present
 ppth = Parts per thousand
 (S) = Surrogate Compound
 mg/m³ = Milligrams/meter cube



A Siemens Business

ENVIROSCAN SERVICES
301 WEST MILITARY ROAD
ROTHSCHILD, WI 54474

TELEPHONE 800-338-7226
FACSIMILE 715-355-3221
WEBSITE www.usfilter.com

Earth Tech, Inc. (Stevens Point WI)
200 Indiana Ave
Stevens Point, WI 54481

PROJECT NO.: ENGELBRECHT
REPORT NO. : 161424.3
DATE REC'D : 08/26/04
REPORT DATE: 08/31/04
PREPARED BY: EAL

Attn: Kyle Wagoner

Sample ID: **MEOH BLANK-USF** Matrix: **SOIL** Sample Date/Time: **08/25/04** Lab No. **161424**

	Result	Units	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	Analyst
EPA 8021								
Benzene	<0.025	mg/l	0.008	0.027	1		08/26/04	LMP
Bromobenzene	<0.025	mg/l	0.007	0.023	1		08/26/04	LMP
Bromodichloromethane	<0.025	mg/l	0.006	0.02	1		08/26/04	LMP
n-Butylbenzene	<0.025	mg/l	0.012	0.04	1		08/26/04	LMP
sec-Butylbenzene	<0.025	mg/l	0.01	0.033	1		08/26/04	LMP
tert-Butylbenzene	<0.025	mg/l	0.01	0.033	1		08/26/04	LMP
Carbon Tetrachloride	<0.025	mg/l	0.008	0.027	1		08/26/04	LMP
Chlorobenzene	<0.025	mg/l	0.007	0.023	1		08/26/04	LMP
Chlorodibromomethane	<0.025	mg/l	0.02	0.067	1		08/26/04	LMP
Chloroethane	<0.025	mg/l	0.09	0.30	1		08/26/04	LMP
Chloroform	<0.025	mg/l	0.01	0.033	1		08/26/04	LMP
Chloromethane	<0.025	mg/l	0.01	0.033	1	LCL	08/26/04	LMP
2-Chlorotoluene	<0.025	mg/l	0.008	0.027	1		08/26/04	LMP
4-Chlorotoluene	<0.025	mg/l	0.008	0.027	1		08/26/04	LMP
1,2-Dibromo-3-chloropropane	<0.025	mg/l	0.009	0.03	1	CSH	08/26/04	LMP
1,2-Dibromoethane	<0.025	mg/l	0.012	0.04	1		08/26/04	LMP
1,2-Dichlorobenzene	<0.025	mg/l	0.008	0.027	1		08/26/04	LMP
1,3-Dichlorobenzene	<0.025	mg/l	0.008	0.027	1		08/26/04	LMP
1,4-Dichlorobenzene	<0.025	mg/l	0.008	0.027	1		08/26/04	LMP
Dichlorodifluoromethane	<0.025	mg/l	0.014	0.047	1	CSL	08/26/04	LMP
1,1-Dichloroethane	<0.025	mg/l	0.009	0.03	1		08/26/04	LMP
1,2-Dichloroethane	<0.025	mg/l	0.005	0.017	1		08/26/04	LMP
1,1-Dichloroethylene	<0.025	mg/l	0.016	0.053	1		08/26/04	LMP
cis-1,2-Dichloroethylene	<0.025	mg/l	0.007	0.023	1		08/26/04	LMP
trans-1,2-Dichloroethylene	<0.025	mg/l	0.01	0.033	1		08/26/04	LMP
1,2-Dichloropropane	<0.025	mg/l	0.007	0.023	1		08/26/04	LMP
1,3-Dichloropropane	<0.025	mg/l	0.008	0.027	1		08/26/04	LMP
2,2-Dichloropropane	<0.025	mg/l	0.008	0.027	1	CSL	08/26/04	LMP
Ethylbenzene	<0.025	mg/l	0.007	0.023	1		08/26/04	LMP
Hexachlorobutadiene	<0.025	mg/l	0.015	0.05	1		08/26/04	LMP
Isopropylbenzene	<0.025	mg/l	0.009	0.03	1		08/26/04	LMP
Isopropyl Ether	<0.025	mg/l	0.014	0.047	1		08/26/04	LMP
p-Isopropyltoluene	<0.025	mg/l	0.011	0.037	1		08/26/04	LMP
Methyl t-Butyl Ether(MTBE)	<0.025	mg/l	0.018	0.06	1		08/26/04	LMP
Methylene Chloride	<0.025	mg/l	0.014	0.047	1		08/26/04	LMP
Naphthalene	<0.025	mg/l	0.01	0.033	1		08/26/04	LMP
n-Propylbenzene	<0.025	mg/l	0.009	0.03	1		08/26/04	LMP
Tetrachloroethylene	<0.025	mg/l	0.009	0.03	1		08/26/04	LMP
1,1,2,2-Tetrachloroethane	<0.025	mg/l	0.006	0.02	1	CSH LCH	08/26/04	LMP
Toluene	<0.025	mg/l	0.007	0.023	1		08/26/04	LMP
1,2,3-Trichlorobenzene	<0.025	mg/l	0.014	0.047	1		08/26/04	LMP
1,2,4-Trichlorobenzene	<0.025	mg/l	0.014	0.047	1		08/26/04	LMP
1,1,1-Trichloroethane	<0.025	mg/l	0.008	0.027	1		08/26/04	LMP
1,1,2-Trichloroethane	<0.025	mg/l	0.006	0.02	1		08/26/04	LMP
Trichloroethylene	<0.025	mg/l	0.011	0.037	1		08/26/04	LMP
Trichlorofluoromethane	<0.025	mg/l	0.008	0.027	1	CSH	08/26/04	LMP
1,2,4-Trimethylbenzene	<0.025	mg/l	0.012	0.04	1		08/26/04	LMP
1,3,5-Trimethylbenzene	<0.025	mg/l	0.01	0.033	1		08/26/04	LMP
Vinyl Chloride	<0.025	mg/l	0.018	0.06	1	LCL	08/26/04	LMP
m- & p-Xylene	<0.025	mg/l	0.015	0.05	1		08/26/04	LMP
o-Xylene	<0.025	mg/l	0.008	0.027	1		08/26/04	LMP
PID Surrogate Recovery (S)	96.7	%	-	-	1		08/26/04	LMP
HALL Surrogate Recovery (S)	127.	%	-	-	1		08/26/04	LMP



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200 Indiana Ave
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PROJECT NO.: ENGELBRECHT
REPORT NO. : 161424.4
DATE REC'D : 08/26/04
REPORT DATE: 08/31/04
PREPARED BY: EAL

Attn: Kyle Wagoner

Sample ID: **B9 8-10'** Matrix: **SOIL** Sample Date/Time: **08/25/04 08:50** Lab No. **161425**

	Result	Units	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	Analyst
EPA 8021 (Only positively identified analytes are reported on a dry weight basis)								
Benzene	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
Bromobenzene	<0.025	mg/kg	0.007	0.023	1		08/26/04	LMP
Bromodichloromethane	<0.025	mg/kg	0.006	0.02	1		08/26/04	LMP
n-Butylbenzene	<0.025	mg/kg	0.012	0.04	1		08/26/04	LMP
sec-Butylbenzene	<0.025	mg/kg	0.01	0.033	1		08/26/04	LMP
tert-Butylbenzene	<0.025	mg/kg	0.01	0.033	1		08/26/04	LMP
Carbon Tetrachloride	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
Chlorobenzene	<0.025	mg/kg	0.007	0.023	1		08/26/04	LMP
Chlorodibromomethane	<0.025	mg/kg	0.02	0.067	1		08/26/04	LMP
Chloroethane	<0.025	mg/kg	0.09	0.30	1		08/26/04	LMP
Chloroform	<0.025	mg/kg	0.01	0.033	1		08/26/04	LMP
Chloromethane	<0.025	mg/kg	0.01	0.033	1	LCL	08/26/04	LMP
2-Chlorotoluene	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
4-Chlorotoluene	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
1,2-Dibromo-3-chloropropane	<0.025	mg/kg	0.009	0.03	1	CSH	08/26/04	LMP
1,2-Dibromoethane	<0.025	mg/kg	0.012	0.04	1		08/26/04	LMP
1,2-Dichlorobenzene	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
1,3-Dichlorobenzene	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
1,4-Dichlorobenzene	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
Dichlorodifluoromethane	<0.025	mg/kg	0.014	0.047	1	CSL	08/26/04	LMP
1,1-Dichloroethane	<0.025	mg/kg	0.009	0.03	1		08/26/04	LMP
1,2-Dichloroethane	<0.025	mg/kg	0.005	0.017	1		08/26/04	LMP
1,1-Dichloroethylene	<0.025	mg/kg	0.016	0.053	1		08/26/04	LMP
cis-1,2-Dichloroethylene	<0.025	mg/kg	0.007	0.023	1		08/26/04	LMP
trans-1,2-Dichloroethylene	<0.025	mg/kg	0.01	0.033	1		08/26/04	LMP
1,2-Dichloropropane	<0.025	mg/kg	0.007	0.023	1		08/26/04	LMP
1,3-Dichloropropane	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
2,2-Dichloropropane	<0.025	mg/kg	0.008	0.027	1	CSL	08/26/04	LMP
Ethylbenzene	<0.025	mg/kg	0.007	0.023	1		08/26/04	LMP
Hexachlorobutadiene	<0.025	mg/kg	0.015	0.05	1		08/26/04	LMP
Isopropylbenzene	<0.025	mg/kg	0.009	0.03	1		08/26/04	LMP
Isopropyl Ether	<0.025	mg/kg	0.014	0.047	1		08/26/04	LMP
p-Isopropyltoluene	<0.025	mg/kg	0.011	0.037	1		08/26/04	LMP
Methyl t-Butyl Ether(MTBE)	<0.025	mg/kg	0.018	0.06	1		08/26/04	LMP
Methylene Chloride	<0.025	mg/kg	0.014	0.047	1		08/26/04	LMP
Naphthalene	<0.025	mg/kg	0.01	0.033	1		08/26/04	LMP
n-Propylbenzene	<0.025	mg/kg	0.009	0.03	1		08/26/04	LMP
Tetrachloroethylene	<0.025	mg/kg	0.009	0.03	1		08/26/04	LMP
1,1,2,2-Tetrachloroethane	<0.025	mg/kg	0.006	0.02	1	CSH LCH	08/26/04	LMP
Toluene	<0.025	mg/kg	0.007	0.023	1		08/26/04	LMP
1,2,3-Trichlorobenzene	<0.025	mg/kg	0.014	0.047	1		08/26/04	LMP
1,2,4-Trichlorobenzene	<0.025	mg/kg	0.014	0.047	1		08/26/04	LMP
1,1,1-Trichloroethane	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
1,1,2-Trichloroethane	<0.025	mg/kg	0.006	0.02	1		08/26/04	LMP
Trichloroethylene	<0.025	mg/kg	0.011	0.037	1		08/26/04	LMP
Trichlorofluoromethane	<0.025	mg/kg	0.008	0.027	1	CSH	08/26/04	LMP
1,2,4-Trimethylbenzene	<0.025	mg/kg	0.012	0.04	1		08/26/04	LMP
1,3,5-Trimethylbenzene	<0.025	mg/kg	0.01	0.033	1		08/26/04	LMP
Vinyl Chloride	<0.025	mg/kg	0.018	0.06	1	LCL	08/26/04	LMP
m- & p-Xylene	<0.025	mg/kg	0.015	0.05	1		08/26/04	LMP
o-Xylene	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
PID Surrogate Recovery (S)	94.2	%	-	-	1		08/26/04	LMP

All results calculated on a dry weight basis.



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Earth Tech, Inc. (Stevens Point WI)
200 Indiana Ave
Stevens Point, WI 54481

PROJECT NO.: ENGELBRECHT
REPORT NO. : 161424.5
DATE REC'D : 08/26/04
REPORT DATE: 08/31/04
PREPARED BY: EAL

Attn: Kyle Wagoner

Sample ID: **B9 8-10'** Matrix: **SOIL** Sample Date/Time: **08/25/04 08:50** Lab No. **161425**

	<u>Result</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Dilution Factor</u>	<u>Qualifiers</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<u>EPA 8021</u> (Only positively identified analytes are reported on a dry weight basis)								
HALL Surrogate Recovery (S)	125.	%	-	-	1		08/26/04	LMP
<u>MOSA21-2</u>								
Total Solids	83.9	%	-	0.33	-		08/27/04	BFV

All results calculated on a dry weight basis.



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PROJECT NO.: ENGELBRECHT
REPORT NO. : 161424.6
DATE REC'D : 08/26/04
REPORT DATE: 08/31/04
PREPARED BY: EAL

Attn: Kyle Wagoner

Sample ID: **B8 10-12'** Matrix: **SOIL** Sample Date/Time: **08/25/04 09:40** Lab No. **161426**

	Result	Units	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	Analyst
EPA 8021 (Only positively identified analytes are reported on a dry weight basis)								
Benzene	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
Bromobenzene	<0.025	mg/kg	0.007	0.023	1		08/26/04	LMP
Bromodichloromethane	<0.025	mg/kg	0.006	0.02	1		08/26/04	LMP
n-Butylbenzene	<0.025	mg/kg	0.012	0.04	1		08/26/04	LMP
sec-Butylbenzene	<0.025	mg/kg	0.01	0.033	1		08/26/04	LMP
tert-Butylbenzene	<0.025	mg/kg	0.01	0.033	1		08/26/04	LMP
Carbon Tetrachloride	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
Chlorobenzene	<0.025	mg/kg	0.007	0.023	1		08/26/04	LMP
Chlorodibromomethane	<0.025	mg/kg	0.02	0.067	1		08/26/04	LMP
Chloroethane	<0.025	mg/kg	0.09	0.30	1		08/26/04	LMP
Chloroform	<0.025	mg/kg	0.01	0.033	1		08/26/04	LMP
Chloromethane	<0.025	mg/kg	0.01	0.033	1	LCL	08/26/04	LMP
2-Chlorotoluene	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
4-Chlorotoluene	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
1,2-Dibromo-3-chloropropane	<0.025	mg/kg	0.009	0.03	1	CSH	08/26/04	LMP
1,2-Dibromoethane	<0.025	mg/kg	0.012	0.04	1		08/26/04	LMP
1,2-Dichlorobenzene	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
1,3-Dichlorobenzene	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
1,4-Dichlorobenzene	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
Dichlorodifluoromethane	<0.025	mg/kg	0.014	0.047	1	CSL	08/26/04	LMP
1,1-Dichloroethane	<0.025	mg/kg	0.009	0.03	1		08/26/04	LMP
1,2-Dichloroethane	<0.025	mg/kg	0.005	0.017	1		08/26/04	LMP
1,1-Dichloroethylene	<0.025	mg/kg	0.016	0.053	1		08/26/04	LMP
cis-1,2-Dichloroethylene	<0.025	mg/kg	0.007	0.023	1		08/26/04	LMP
trans-1,2-Dichloroethylene	<0.025	mg/kg	0.01	0.033	1		08/26/04	LMP
1,2-Dichloropropane	<0.025	mg/kg	0.007	0.023	1		08/26/04	LMP
1,3-Dichloropropane	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
2,2-Dichloropropane	<0.025	mg/kg	0.008	0.027	1	CSL	08/26/04	LMP
Ethylbenzene	<0.025	mg/kg	0.007	0.023	1		08/26/04	LMP
Hexachlorobutadiene	<0.025	mg/kg	0.015	0.05	1		08/26/04	LMP
Isopropylbenzene	<0.025	mg/kg	0.009	0.03	1		08/26/04	LMP
Isopropyl Ether	<0.025	mg/kg	0.014	0.047	1		08/26/04	LMP
p-Isopropyltoluene	<0.025	mg/kg	0.011	0.037	1		08/26/04	LMP
Methyl t-Butyl Ether(MTBE)	<0.025	mg/kg	0.018	0.06	1		08/26/04	LMP
Methylene Chloride	<0.025	mg/kg	0.014	0.047	1		08/26/04	LMP
Naphthalene	<0.025	mg/kg	0.01	0.033	1		08/26/04	LMP
n-Propylbenzene	<0.025	mg/kg	0.009	0.03	1		08/26/04	LMP
Tetrachloroethylene	0.116	mg/kg	0.009	0.03	1		08/26/04	LMP
1,1,2,2-Tetrachloroethane	<0.025	mg/kg	0.006	0.02	1	CSH LCH	08/26/04	LMP
Toluene	<0.025	mg/kg	0.007	0.023	1		08/26/04	LMP
1,2,3-Trichlorobenzene	<0.025	mg/kg	0.014	0.047	1		08/26/04	LMP
1,2,4-Trichlorobenzene	<0.025	mg/kg	0.014	0.047	1		08/26/04	LMP
1,1,1-Trichloroethane	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
1,1,2-Trichloroethane	<0.025	mg/kg	0.006	0.02	1		08/26/04	LMP
Trichloroethylene	<0.025	mg/kg	0.011	0.037	1		08/26/04	LMP
Trichlorofluoromethane	<0.025	mg/kg	0.008	0.027	1	CSH	08/26/04	LMP
1,2,4-Trimethylbenzene	<0.025	mg/kg	0.012	0.04	1		08/26/04	LMP
1,3,5-Trimethylbenzene	<0.025	mg/kg	0.01	0.033	1		08/26/04	LMP
Vinyl Chloride	<0.025	mg/kg	0.018	0.06	1	LCL	08/26/04	LMP
m- & p-Xylene	<0.025	mg/kg	0.015	0.05	1		08/26/04	LMP
o-Xylene	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
PID Surrogate Recovery (S)	97.5	%	-	-	1		08/26/04	LMP

All results calculated on a dry weight basis.



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200 Indiana Ave
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PROJECT NO.: ENGELBRECHT
REPORT NO. : 161424.7
DATE REC'D : 08/26/04
REPORT DATE: 08/31/04
PREPARED BY: EAL

Attn: Kyle Wagoner

Sample ID: **B8 10-12'** Matrix: **SOIL** Sample Date/Time: **08/25/04 09:40** Lab No. **161426**

	<u>Result</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Dilution Factor</u>	<u>Qualifiers</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<u>EPA 8021</u> (Only positively identified analytes are reported on a dry weight basis)								
HALL Surrogate Recovery (S)	123.	%	-	-	1		08/26/04	LMP
<u>MOSA21-2</u>								
Total Solids	80.4	%	-	0.33	-		08/27/04	BFV

All results calculated on a dry weight basis.



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PROJECT NO.: ENGELBRECHT
REPORT NO. : 161424.8
DATE REC'D : 08/26/04
REPORT DATE: 08/31/04
PREPARED BY: EAL

Attn: Kyle Wagoner

Sample ID: B10 10-12' Matrix: SOIL Sample Date/Time: 08/25/04 10:20 Lab No. 161427

	Result	Units	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	Analyst
EPA 8021 (Only positively identified analytes are reported on a dry weight basis)								
Benzene	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
Bromobenzene	<0.025	mg/kg	0.007	0.023	1		08/26/04	LMP
Bromodichloromethane	<0.025	mg/kg	0.006	0.02	1		08/26/04	LMP
n-Butylbenzene	<0.025	mg/kg	0.012	0.04	1		08/26/04	LMP
sec-Butylbenzene	<0.025	mg/kg	0.01	0.033	1		08/26/04	LMP
tert-Butylbenzene	<0.025	mg/kg	0.01	0.033	1		08/26/04	LMP
Carbon Tetrachloride	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
Chlorobenzene	<0.025	mg/kg	0.007	0.023	1		08/26/04	LMP
Chlorodibromomethane	<0.025	mg/kg	0.02	0.067	1		08/26/04	LMP
Chloroethane	<0.025	mg/kg	0.09	0.30	1		08/26/04	LMP
Chloroform	<0.025	mg/kg	0.01	0.033	1		08/26/04	LMP
Chloromethane	<0.025	mg/kg	0.01	0.033	1	LCL	08/26/04	LMP
2-Chlorotoluene	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
4-Chlorotoluene	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
1,2-Dibromo-3-chloropropane	<0.025	mg/kg	0.009	0.03	1	CSH	08/26/04	LMP
1,2-Dibromoethane	<0.025	mg/kg	0.012	0.04	1		08/26/04	LMP
1,2-Dichlorobenzene	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
1,3-Dichlorobenzene	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
1,4-Dichlorobenzene	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
Dichlorodifluoromethane	<0.025	mg/kg	0.014	0.047	1	CSL	08/26/04	LMP
1,1-Dichloroethane	<0.025	mg/kg	0.009	0.03	1		08/26/04	LMP
1,2-Dichloroethane	<0.025	mg/kg	0.005	0.017	1		08/26/04	LMP
1,1-Dichloroethylene	<0.025	mg/kg	0.016	0.053	1		08/26/04	LMP
cis-1,2-Dichloroethylene	<0.025	mg/kg	0.007	0.023	1		08/26/04	LMP
trans-1,2-Dichloroethylene	<0.025	mg/kg	0.01	0.033	1		08/26/04	LMP
1,2-Dichloropropane	<0.025	mg/kg	0.007	0.023	1		08/26/04	LMP
1,3-Dichloropropane	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
2,2-Dichloropropane	<0.025	mg/kg	0.008	0.027	1	CSL	08/26/04	LMP
Ethylbenzene	<0.025	mg/kg	0.007	0.023	1		08/26/04	LMP
Hexachlorobutadiene	<0.025	mg/kg	0.015	0.05	1		08/26/04	LMP
Isopropylbenzene	<0.025	mg/kg	0.009	0.03	1		08/26/04	LMP
Isopropyl Ether	<0.025	mg/kg	0.014	0.047	1		08/26/04	LMP
p-Isopropyltoluene	<0.025	mg/kg	0.011	0.037	1		08/26/04	LMP
Methyl t-Butyl Ether(MTBE)	<0.025	mg/kg	0.018	0.06	1		08/26/04	LMP
Methylene Chloride	<0.025	mg/kg	0.014	0.047	1		08/26/04	LMP
Naphthalene	<0.025	mg/kg	0.01	0.033	1		08/26/04	LMP
n-Propylbenzene	<0.025	mg/kg	0.009	0.03	1		08/26/04	LMP
Tetrachloroethylene	<0.025	mg/kg	0.009	0.03	1		08/26/04	LMP
1,1,2,2-Tetrachloroethane	<0.025	mg/kg	0.006	0.02	1	CSH LCH	08/26/04	LMP
Toluene	<0.025	mg/kg	0.007	0.023	1		08/26/04	LMP
1,2,3-Trichlorobenzene	<0.025	mg/kg	0.014	0.047	1		08/26/04	LMP
1,2,4-Trichlorobenzene	<0.025	mg/kg	0.014	0.047	1		08/26/04	LMP
1,1,1-Trichloroethane	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
1,1,2-Trichloroethane	<0.025	mg/kg	0.006	0.02	1		08/26/04	LMP
Trichloroethylene	<0.025	mg/kg	0.011	0.037	1		08/26/04	LMP
Trichlorofluoromethane	<0.025	mg/kg	0.008	0.027	1	CSH	08/26/04	LMP
1,2,4-Trimethylbenzene	<0.025	mg/kg	0.012	0.04	1		08/26/04	LMP
1,3,5-Trimethylbenzene	<0.025	mg/kg	0.01	0.033	1		08/26/04	LMP
Vinyl Chloride	<0.025	mg/kg	0.018	0.06	1	LCL	08/26/04	LMP
m- & p-Xylene	<0.025	mg/kg	0.015	0.05	1		08/26/04	LMP
o-Xylene	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
PID Surrogate Recovery (S)	96.0	%	-	-	1		08/26/04	LMP

All results calculated on a dry weight basis.



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301 WEST MILITARY ROAD
ROTHSCHILD, WI 54474

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WEBSITE www.usfilter.com

Earth Tech, Inc. (Stevens Point WI)
200 Indiana Ave
Stevens Point, WI 54481

PROJECT NO.: ENGELBRECHT
REPORT NO. : 161424.9
DATE REC'D : 08/26/04
REPORT DATE: 08/31/04
PREPARED BY: EAL

Attn: Kyle Wagoner

Sample ID: B10 10-12' Matrix: SOIL Sample Date/Time: 08/25/04 10:20 Lab No. 161427

	<u>Result</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Dilution Factor</u>	<u>Qualifiers</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<u>EPA 8021</u> (Only positively identified analytes are reported on a dry weight basis)								
HALL Surrogate Recovery (S)	125.	%	-	-	1		08/26/04	LMP
<u>MOSA21-2</u>								
Total Solids	83.7	%	-	0.33	-		08/27/04	BFV

All results calculated on a dry weight basis.



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Earth Tech, Inc. (Stevens Point WI)
200 Indiana Ave
Stevens Point, WI 54481

PROJECT NO.: ENGELBRECHT
REPORT NO. : 161424.10
DATE REC'D : 08/26/04
REPORT DATE: 08/31/04
PREPARED BY: EAL

Attn: Kyle Wagoner

Sample ID: **B11A 10-12'** Matrix: **SOIL** Sample Date/Time: **08/25/04 11:45** Lab No. **161428**

	Result	Units	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	Analyst
EPA 8021 (Only positively identified analytes are reported on a dry weight basis)								
Benzene	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
Bromobenzene	<0.025	mg/kg	0.007	0.023	1		08/26/04	LMP
Bromodichloromethane	<0.025	mg/kg	0.006	0.02	1		08/26/04	LMP
n-Butylbenzene	<0.025	mg/kg	0.012	0.04	1		08/26/04	LMP
sec-Butylbenzene	<0.025	mg/kg	0.01	0.033	1		08/26/04	LMP
tert-Butylbenzene	<0.025	mg/kg	0.01	0.033	1		08/26/04	LMP
Carbon Tetrachloride	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
Chlorobenzene	<0.025	mg/kg	0.007	0.023	1		08/26/04	LMP
Chlorodibromomethane	<0.025	mg/kg	0.02	0.067	1		08/26/04	LMP
Chloroethane	<0.025	mg/kg	0.09	0.30	1		08/26/04	LMP
Chloroform	<0.025	mg/kg	0.01	0.033	1		08/26/04	LMP
Chloromethane	<0.025	mg/kg	0.01	0.033	1	LCL	08/26/04	LMP
2-Chlorotoluene	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
4-Chlorotoluene	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
1,2-Dibromo-3-chloropropane	<0.025	mg/kg	0.009	0.03	1	CSH	08/26/04	LMP
1,2-Dibromoethane	<0.025	mg/kg	0.012	0.04	1		08/26/04	LMP
1,2-Dichlorobenzene	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
1,3-Dichlorobenzene	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
1,4-Dichlorobenzene	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
Dichlorodifluoromethane	<0.025	mg/kg	0.014	0.047	1	CSL	08/26/04	LMP
1,1-Dichloroethane	<0.025	mg/kg	0.009	0.03	1		08/26/04	LMP
1,2-Dichloroethane	<0.025	mg/kg	0.005	0.017	1		08/26/04	LMP
1,1-Dichloroethylene	<0.025	mg/kg	0.016	0.053	1		08/26/04	LMP
cis-1,2-Dichloroethylene	<0.025	mg/kg	0.007	0.023	1		08/26/04	LMP
trans-1,2-Dichloroethylene	<0.025	mg/kg	0.01	0.033	1		08/26/04	LMP
1,2-Dichloropropane	<0.025	mg/kg	0.007	0.023	1		08/26/04	LMP
1,3-Dichloropropane	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
2,2-Dichloropropane	<0.025	mg/kg	0.008	0.027	1	CSL	08/26/04	LMP
Ethylbenzene	<0.025	mg/kg	0.007	0.023	1		08/26/04	LMP
Hexachlorobutadiene	<0.025	mg/kg	0.015	0.05	1		08/26/04	LMP
Isopropylbenzene	<0.025	mg/kg	0.009	0.03	1		08/26/04	LMP
Isopropyl Ether	<0.025	mg/kg	0.014	0.047	1		08/26/04	LMP
p-Isopropyltoluene	<0.025	mg/kg	0.011	0.037	1		08/26/04	LMP
Methyl t-Butyl Ether(MTBE)	<0.025	mg/kg	0.018	0.06	1		08/26/04	LMP
Methylene Chloride	<0.025	mg/kg	0.014	0.047	1		08/26/04	LMP
Naphthalene	<0.025	mg/kg	0.01	0.033	1		08/26/04	LMP
n-Propylbenzene	<0.025	mg/kg	0.009	0.03	1		08/26/04	LMP
Tetrachloroethylene	<0.025	mg/kg	0.009	0.03	1		08/26/04	LMP
1,1,2,2-Tetrachloroethane	<0.025	mg/kg	0.006	0.02	1	CSH LCH	08/26/04	LMP
Toluene	<0.025	mg/kg	0.007	0.023	1		08/26/04	LMP
1,2,3-Trichlorobenzene	<0.025	mg/kg	0.014	0.047	1		08/26/04	LMP
1,2,4-Trichlorobenzene	<0.025	mg/kg	0.014	0.047	1		08/26/04	LMP
1,1,1-Trichloroethane	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
1,1,2-Trichloroethane	<0.025	mg/kg	0.006	0.02	1		08/26/04	LMP
Trichloroethylene	<0.025	mg/kg	0.011	0.037	1		08/26/04	LMP
Trichlorofluoromethane	<0.025	mg/kg	0.008	0.027	1	CSH	08/26/04	LMP
1,2,4-Trimethylbenzene	<0.025	mg/kg	0.012	0.04	1		08/26/04	LMP
1,3,5-Trimethylbenzene	<0.025	mg/kg	0.01	0.033	1		08/26/04	LMP
Vinyl Chloride	<0.025	mg/kg	0.018	0.06	1	LCL	08/26/04	LMP
m- & p-Xylene	<0.025	mg/kg	0.015	0.05	1		08/26/04	LMP
o-Xylene	<0.025	mg/kg	0.008	0.027	1		08/26/04	LMP
PID Surrogate Recovery (S)	98.8	%	-	-	1		08/26/04	LMP

All results calculated on a dry weight basis.



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PROJECT NO.: ENGELBRECHT
REPORT NO. : 161424.11
DATE REC'D : 08/26/04
REPORT DATE: 08/31/04
PREPARED BY: EAL

Attn: Kyle Wagoner

Sample ID: **B11A 10-12'** Matrix: **SOIL** Sample Date/Time: **08/25/04 11:45** Lab No. **161428**

	<u>Result</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Dilution Factor</u>	<u>Qualifiers</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<u>EPA 8021</u> (Only positively identified analytes are reported on a dry weight basis)								
HALL Surrogate Recovery (S)	123.	%	-	-	1		08/26/04	LMP
<u>MOSA21-2</u>								
Total Solids	81.5	%	-	0.33	-		08/27/04	BFV

All results calculated on a dry weight basis.

Qualifier Descriptions

- LCL The laboratory control sample for this analyte exhibited a low bias. Sample results may also be biased low.
- CSH Check standard for this analyte exhibited a high bias. Sample results may also be biased high.
- CSL Check standard for this analyte exhibited a low bias. Sample results may also be biased low.
- LCH The laboratory control sample for this analyte exhibited a high bias. Sample results may also be biased high.

