AECOM
200 Indiana Avenue
Stevens Point, WI 54481
www.aecom.com

715 341 8110 tel
715 341 7390 fax

March 18, 2011

Richard Goding P.E.
City Engineer/Deputy Director of Public Works
City of Fond du Lac
160 South Macy Street
Fond du Lac, WI 54935

Subject: **Geotechnical Borings-Environmental Soil Sampling**
Rueping-Macy Stormwater Quality Pond
Fond du Lac, Wisconsin
AECOM Project No. 60130644 (formerly 103003)

Dear Mr. Goding:

This letter report presents the results of preconstruction environmental soil sampling conducted in conjunction with Rueping-Macy Force Main geotechnical work to characterize subsurface materials along the proposed force main route west of the proposed stormwater detention pond. Materials characterization identified soil contamination along the force main route. Laboratory analytical results were used to evaluate options for management of contaminated materials that will be encountered during construction of the force main.

FIELD ACTIVITIES AND LABORATORY ANALYSIS

On April 15 and 16, 2009, AECOM personnel partnered with a geotechnical investigation performed by AECOM, Green Bay, Wisconsin, to describe subsurface conditions and collect soil samples for laboratory analysis from four soil borings (Borings SB-1 through SB-4) as indicated on the enclosed Figure ENV-1. One soil sample was collected from Boring SB-1 (5.0 to 6.5 feet below ground surface (bgs)) and two samples were collected from Boring SB-3 (2.5 to 4.0 feet bgs and 7.5 to 9.0 feet bgs) and were analyzed for diesel range organics (DRO), gasoline range organics (GRO), petroleum volatile organic compounds (PVOCs), cadmium, and lead. One soil sample was collected from Boring SB-2B (6.0 to 7.5 feet bgs) and was analyzed for cadmium and lead. Coal pieces and coal ash residue were observed in Boring SB-3 from the ground surface to approximately 4 feet bgs. Soil Boring SB-2 was advanced three times (SB-2, SB-2R, and SB-2B) to obtain sufficient recovery for geotechnical analysis and sample collection. No soil samples were collected from Boring SB-4 because the boring was not within the construction limits of the proposed force main. Soil Boring Log Information forms are enclosed.

ANALYTICAL RESULTS

No PVOCs, GRO, or cadmium, and very low concentrations of DRO (8.42 milligrams per kilogram (mg/kg)) and lead (2.71 mg/kg) were detected in the soil sample collected from Boring SB-1. The Wisconsin Administrative Code (WAC), Chapter NR 720, Residual Contaminant Level (RCL) for DRO is 100 mg/kg, and the NR 720, Table 2 RCL for direct contact at non-industrial sites for lead is 50 mg/kg.

GRO was not detected in either soil sample collected from Boring SB-3. Benzene was not detected in the 2.5 feet to 4.0 feet bgs sample but was detected at a concentration of 85 micrograms per kilogram (µg/kg) in the 7.5 feet to 9.0 feet bgs sample, exceeding the NR 720 RCL for benzene of 5.5 µg/kg. Low-level concentrations of total xylenes were detected in both SB-3 soil samples and low-level concentrations of total trimethylbenzenes were detected in the 7.5 feet to 9.0 feet bgs soil sample. DRO was detected in both SB-3 soil samples at concentrations of 63.9 mg/kg (2.5 feet to 4.0 feet bgs) and 169 mg/kg (7.5 feet to 9.0 feet bgs), exceeding the NR 720 RCL for DRO.

Cadmium was detected at concentrations of 2.47 mg/kg (2.5 feet to 4.0 feet bgs) and 0.984 mg/kg (7.5 feet to 9.0 feet bgs). The NR 720, Table 2 RCL for direct contact at non-industrial sites for cadmium is 8 mg/kg. Lead was detected in both SB-3 soil samples at concentrations of 17.5 mg/kg (2.5 feet to 4.0 feet bgs) and 34.6 mg/kg (7.5 feet to 9.0 feet bgs).

Cadmium and lead were detected in the soil sample collected from Boring SB-2B at concentrations of 0.138 mg/kg and 38.2 mg/kg, respectively. Soil sample analytical results are summarized on the enclosed Table 1. The laboratory analytical report is also enclosed.

Coal pieces and coal ash residue are classified by the Wisconsin Department of Natural Resources (WDNR) as a "lower risk" waste (DNR PUB-RR-685, Development at Historic Fill Sites and Licensed Landfills: Considerations and Potential Problems, April 2002).

SOIL DISPOSAL

Four USDOT approved 55-gallon steel drums were filled with soil cuttings during the geotechnical investigation. Additionally, three 55-gallon drums were filled with soil cuttings during a prior Pre-Development Investigation (February 2009). All of the drums were transported to the City of Fond du Lac, Public Works facility for temporary storage.

On December 3, 2009, SGS Environmental Contracting, LLC, Merrill, Wisconsin, transported all of the drums to the Lincoln County Landfill, Merrill, Wisconsin for disposal. Soil disposal documentation is enclosed.

CONCLUSIONS AND OPINION

- Soils within the construction limits of the proposed force main route west of the proposed stormwater detention pond, in the vicinity of Boring SB-3 have been impacted by petroleum hydrocarbons at concentrations exceeding regulatory standards.

- Coal pieces and coal ash residue were observed in the vicinity of Boring SB-3. Coal and coal ash residue are considered to be "low risk" waste by the WDNR.

It is AECOM's opinion that excavation within the construction limits of the proposed stormwater force main should be field monitored by field screening and visual observations for indications of soil contamination, as appropriate, and that all excavated soil that is determined to be contaminated be disposed in a WDNR approved landfill as solid waste.

If you have any questions regarding the subsurface soil sampling or results, please contact me at (715) 342-3037.

Sincerely,

Phil Eagan
Hydrogeologist
phil.eagan@aecom.com

Enclosures: As Noted

c/enc: Christine Lilek, WDNR Oshkosh
Caroline Burger, AECOM
David Senfelds, AECOM

L:\work\Projects\103003\wp\r5_pond\goding_pje.docx

LEGEND

APPROXIMATE EXTENT NATIVE SOIL

APPROXIMATE EXTENT HISTORIC FILL

CONSTRUCTION LIMITS

MONITORING WELL MW - A

MONITORING WELL MW - 4

EXISTING PROPERTY LINE

MONITORING WELL MW - 3

MONITORING WELL OMW1

APPROXIMATE HISTORICAL LOCATION OF THE EAST BRACH OF THE FOND DU LAC RIVER

MONITORING WELL OMW5

PROPOSED NORMAL WATER ELEV. = 751.00
BOTTOM ELEV. = 746.00

BORING SB-1

BORING SB-3

CONSTRUCTION LIMITS

BORING SB-2B

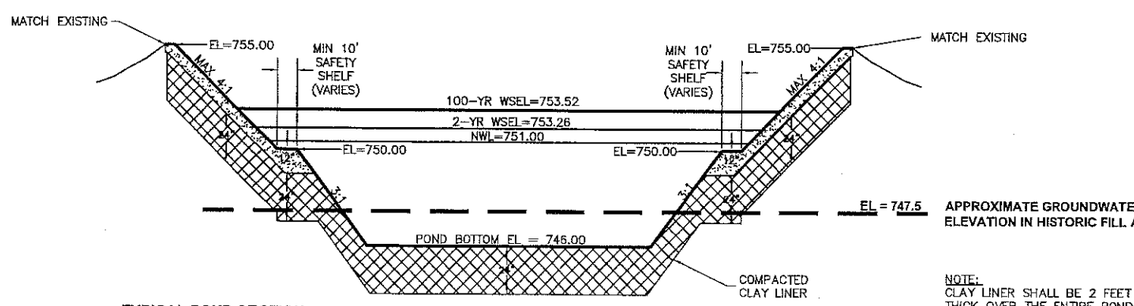
MONITORING WELL OMW2

MONITORING WELL OMW3

BORING SB-4

MONITORING WELL OMW4

APPROXIMATE LOCATION OF HYDRAULIC BARRIER WALL



TYPICAL POND SECTION

NOTE:
CLAY LINER SHALL BE 2 FEET THICK OVER THE ENTIRE POND AND PROPERTY TO PROTECT FROM CONTAMINATION.

N

0' 20' 40' 80'
SCALE

Plotted By: armitaged
Plot File Data Created: May/16/2011 1:15 PM
Layout-Sheet Name: ENV-1.11X17
Filename: L:\WORK\PROJECTS\103003\GRA\09_RUEPING-MACY\EROS01.DWG

1 INCH — VERIFY SCALE IF PLAN SHEET IS REDUCED

REV	DESCRIPTION	DRN	CHK	DATE (M/D/Y)
—				

DRN BY: JJH
DES BY: JJH
CHK BY: CJB
APP BY: —

PREPARED BY:

AECOM

1350 DEMING WAY SUITE 100 MIDDLETON, WI. 53562 1-608-836-6800

CITY OF FOND DU LAC
RUEPING - MACY STORMWATER POND
FOND DU LAC, WI

CONTAMINANT MANAGEMENT
NOT FOR CONSTRUCTION

PROJECT START DATE (M/Y)	October 2009
PROJECT NO.	103003
FILENAME	Eros01.dwg
SHEET NO.	3 of 22
DRAWING NO.	ENV-1

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
RUEPING MACY SITE		SB-1

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: JOHN Last Name: DENNEAY Firm: AECOM	04/16/2009 (m m d d y y y y)	04/16/2009 (m m d d y y y y)	SSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	4.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
Lat ° ' " Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

NW 1/4 of SE 1/4 of Section 10, T 15 N, R 17 ☐E ☐W

Facility ID	County	County Code	Civil Town/City/ or Village
	FOND DU LAC	20	FOND DU LAC

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/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				GRASS COVERED										
-1			1	0.5 TO 1.5 LOOSE YELLOWISH BROWN (10YR 5/4) F/M SAND, MOIST, TRACE GRAVEL	SP			0.3						8:15
-2			2	2.5 TO 4.0 SAA	SP			0.2						8:20
			3											
			4											
			5	5.0 TO 6.5 SAA										
-3			6		SP			0.2						8:25
			7											5.0 TO 6.5
			8	7.5 TO 9.0 SAA										NRO GRD PVCC, PB Col
-4			9		SP			0.2						8:30
			10	10.0 TO 12.5 SAA										
-4			11		SP			~~0.2~~						
			12											

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

Signature Phil Eagan Firm AECOM

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.

RUEPING, MACY SITE

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				SB-1										
			13	12.5 TO 14.0 SAA	SP									
			14											
			15	15.0 TO 16.5										
			16	SATURATED, GRAYISH BROWN (10YR 5/2)	SP									
			17											
			18	18.5 TO 20.0 DENSE, REDDISH										
			19	BROWN (2.5YR 4/4) SILTY CLAY, TRACE GRAVEL, MOIST	CL									
			20	EOB @ 20.0'										
			21											
			22											
			23											
			24											
			25											

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
RUEPING MACY SITE		SB-2

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: JOHN Last Name: DENNEAY Firm: AECOM	04/15/2009 (m m d d y y y y)	04/15/2009 (m m d d y y y y)	

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			_____ Feet MSL	_____ Feet MSL	_____ inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
NW 1/4 of SE 1/4 of Section 10, T 15 N, R 17 E W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	FOND DU LAC	20	FOND DU LAC

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/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				GRASS COVERED										
			1	0.0 TO 0.5 TOPSOIL 0.5 TO 1.5 FIRM, YELLOWISH BROWN (10YR 5/4) SILTY SAND, MOIST	SM						NONE			
			2	2.5 TO 4.0 SAA GRAVELLY										
			3		SM									
			4								NONE			
			5	5.0 TO 6.5 SAA										
			6		SM						NONE			
			7											
			8	7.5 TO 9.0 SANDY GRAVEL SATURATED	GW									
			9											
			10	10.0 TO 11.5 SAA										
			11		GW									
			12											

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

Signature	Firm
	AECOM

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.

RUEPING, MACY SITE

Sample: Number and Type	Sample: Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
				SB-2										
			13	PEA GRAVEL, SATURATED	GP									
			14											
			15	15.0 TD										
			16											
			17											
			18	PEA GRAVEL	GP									
			19	EOB @ 18.5' POSSIBLE CLAY BELOW										
			20											
			21											
			22											
			23											
			24											
			25											

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Page 1 of 2

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
RUEPING MACY SITE		SB-2R

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: JOHN Last Name: DENNEAY Firm: AECOM	04/15/2009 (m m d d y y y y)	04/15/2009 (m m d d y y y y)	

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			_____ Feet MSL	_____ Feet MSL	_____ inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
NW 1/4 of SE 1/4 of Section 10, T 15 N, R 17 ☐E ☐W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ● ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/or Village
	FOND DU LAC	20	FOND DU LAC

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/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				GRASS COVERED										
			1	0.0 TO 0.8 CLAY LOAM TOPSOIL 0.8 TO 1.5 FIRM REDDISH BROWN (2.5YR 4/4) SILTY CLAY, MOIST	CL									
			2											
			3	1.5 TO 4.0 GRAVEL OVER TAN F/M SAND MOIST										
			4		SP									
			5	5.0 TO 6.0 SAA										
			6	6.0 TO 6.5 FIRM, REDDISH BROWN (2.5YR 4/4) SILTY CLAY, TRACE GRAVEL, MOIST	CL									
			7											
			8											
			9	7.5 TO 9.0 NO RECOVERY, SATURATED @ 8.0'										
			10	10.0 TO 11.5 CONCRETE PIECES SATURATED - POOR RECOVERY										
			11											
			12											

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

Signature _____ Firm AECOM

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.

RUEPING MACY SITE

Sample: Number and Type	Sample: Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
				SB-2R										
				~~13.5 TO~~										
			13											
			14											
			15	15.0 TO										
			16											
			17											
			18	EOB @ 18.0'										
			19	BOREHOLE COLLAPSE + RUBBLE										
			20											
			21											
			22											
			23											
			24											
			25											

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
RUEPING MACY SITE		SB-3

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: JOHN Last Name: DEHNEAM Firm: AECOM	04/15/2009 (m m d d y y y y)	04/15/2009 (m m d d y y y y)	SSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			_____ Feet MSL	_____ Feet MSL	4.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N | Lat ° ' " | Long ° ' "
NW 1/4 of SE 1/4 of Section 10, T 15 N, R 17 ☐E ☐W
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town / City / or Village
	FOND DU LAC	20	FOND DU LAC

Sample Number and Type	Sample 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/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				GRASS COVERED										
S-1			1	0.0 TO 0.9 CLAY COMPOSITE 0.9 TO 1.5 LOOSE BLACK (10YR 2/1) GRAVELLY SAND W/COAL PIECES MOIST	SP			0.2			NONE			14:30
			2											
			3	2.5 TO 4.0 SAA MIXED W/COAL PIECE										14:35
S-2			4	2 CLAY	SP			0.3			NONE			2.5 TO 4.0 DRO GRO PVOCs PbCd
			5	5.0 TO 6.5 FIRM, DARK BROWN (10 YR 2/2) GRAVELLY SILTY										
S-3			6	CLAY, MOIST	CL			0.3			NONE			14:40
			7											
			8	7.5 TO 9.0 SAA, LESS GRAVEL, ROOTS	CL									
S-4			9					0.2						14:45 7.5 TO 9.0 DRO GRO PVOCs PbCd
			10	SATURATED 10.0 TO 11.5 FIRM, DARK GRAY (10 YR 4/1) SILTY, SANDY										
S-5			11	CLAY, SATURATED	CL			0.2						
			12											

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

Signature _____ Firm AECOM

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.

RUEPING MACY SITE

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				SB-3							ODOR			
			13											
			14											
			15	15.0 TO 16.5 DENSE,										
			16	REDDISH BROWN (2.5YR 4/4)	CL						NONE			
			17	SILTY CLAY, TRACE GRAVEL SATURATED										
			18											
			19	18.5 TO 20.0 SAA	CL						NONE			
			20	EOB @ 20.0'										
			21											
			22											
			23											
			24											
			25											

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name: RUEPING MACY SITE	License/Permit/Monitoring Number: _____	Boring Number: SB-4	
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: JOHN Last Name: DENHEAY — Firm: AECOM	Date Drilling Started: 04/15/2009	Date Drilling Completed: 04/15/2009	Drilling Method: SSA
WI Unique Well No. _____	DNR Well ID No. _____	Well Name _____	Final Static Water Level _____ Feet MSL
Surface Elevation _____ Feet MSL	Borehole Diameter 4.0 inches		
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ — State Plane _____ N, _____ E S/C/N	Lat ° ' " — Long ° ' "	Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W	
NW 1/4 of SE 1/4 of Section 10, T 15 N, R 17 ☐E ☐W			
Facility ID	County: FOND DU LAC	County Code: 20	Civil Town/City or Village: FOND DU LAC

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/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				GRASS COVERED										
S-1			1	0.0 TO 0.5 CLAY LOAM TOPSOIL										
			2	0.5 TO 1.5 DENSE, REDDISH BROWN 2.5YR 5/4 SILTY CLAY, TRACE SAND, MOIST	CL						NONE			
			3	1.5 TO 3.2 RUBBLE										
			4	3.2 TO 4.0 DARK BROWN (2.5YR 4/2) SILTY CLAY MOIST	CL									
			5	5.0 TO 6.5 FIRM, WEAK RED (2.5YR 5/2) SANDY SILTY CLAY,	CL						NONE			
			6	TRACE GRAVEL MOIST										
			7	SATURATED?										
			8	7.5 TO 9.0 DENSE, REDDISH BROWN (2.5YR 4/4) SILTY CLAY,	CL						NONE			
			9	TRACE GRAVEL MOIST										
			10	10.0 TO 11.5 SAND, FIRM										
			11		CL									
			12	ORGANIC LAYER							NONE			

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

Signature: Phil Engman Firm: AECOM

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.

RUEPING, MACY SITE

Sample: Number and Type	Sample: Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
				SB-4										
			13	~~12.5 TO 20~~										
			14											
			15	15.0 TO 16.5 SAA SATURATED										
			16		CL						NONE			
			17											
			18											
			19	18.5 TO 20.0 NO RECOVERY										
			20	EOB @ 20.0'										
			21											
			22											
			23											
			24											
			25											

TABLE 1
GEOTECHNICAL INVESTIGATION SOIL SAMPLE ANALYTICAL RESULTS
RUEPING-MACY SITE
FOND DU LAC, WISCONSIN

	Sample ID:	SB-1	SB-2B	SB-3	
	Sample Depth (feet):	5.0-6.5	6.0-7.5	2.5-4.0	7.5-9.0
	PID (i.u.)	0.2	NA	0.3	0.2
	Date Collected:	04/16/09	04/15/09	04/15/09	04/15/09
Analyte	**NR 720 RCL**	**Results**			
GRO (mg/kg)	100	<5.28	NA	<5.00	<5.85
DRO (mg/kg)	100	8.42 D3 LCH	NA	63.9 LCH D2B D3	**169** LCH D2B D3
PVOCs (µg/kg)					
Benzene	5.5	<17	NA	<16	85
Ethylbenzene	2,900	<19	NA	<18	<21
Methyl Tert Butyl Ether (MTBE)	NE	<12	NA	<11	<13
Toluene	1,500	<18	NA	<17	141
Trimethylbenzenes (Total)	NE	<33	NA	<31	<104
Xylenes (Total)	4,100	<39	NA	251	<227
Total Metals (mg/kg)					
Cadmium	8	<0.0598	0.138 J	2.47	0.984 J
Lead	50	2.71	38.2	17.5	34.6

Notes:

1. NE means "Not Established."
2. NA means "Not Analyzed."
3. "--" means "Not Applicable."
4. "NR 720 RCL" refers to applicable "Residual Contaminant Level" as listed in Table 1 and Table 2 of NR 720.
5. **Bold** indicates RCL exceedence.
6. J means "Estimated concentration below laboratory quantitation level."
7. LCH means "Laboratory control sample exhibited a high bias. Sample results may also be biased high."
8. D2B means "The chromatogram is characteristic for a heavier petroleum product other than diesel (i.e. motor oil, hydraulic oil, etc.)."
9. D3 means "The chromatogram is not characteristic for diesel or any other single petroleum product."

SIEMENS

April 24, 2009

AECOM, Inc.
200 Indiana Avenue
Stevens Point, WI 54481

RECEIVED
APR 2 9 2009

Attn: Dave Senfelds

REPORT NO.: 0904330 **PROJECT NO.: Rueping Macy Site**

Please find enclosed the analytical report, including the Sample Summary, Sample Narrative and Chain of Custody for your sample set received April 16, 2009.

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

If you have any questions about the results, please call. Thank you for using Siemens Water Technologies for your analytical needs.

Sincerely,

Siemens Water Technologies

Bruce Schertz
Lab Manager
Enviroscan Analytical™ Services

I certify that the data contained in this report has been generated and reviewed in accordance with the Siemens Water Technologies 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. Siemens Water Technologies Corp. reserves the right to return samples identified as hazardous. Release of this Final Report is authorized as verified by the following signature.

Reviewed by: _____

Certifications:
Wisconsin 737053130
Minnesota 055-999-302
Illinois 100317

ACCREDITED IN ACCORDANCE WITH nelac

Siemens Water Technologies Corp.

301 West Military Road
Rothschild, WI 54474

Tel: 800-338-7226
Fax: 715-355-3221
www.siemens.com/enviroscan

The total number of pages in this report, including this page is 10.

SIEMENS

SAMPLE SUMMARY

Lab Id	Client Sample Id	Date/Time	Matrix
0904330-01	MeOH Blank	04/15/09 15:00	Soil
0904330-02	SB-3 2.5 - 4.0	04/15/09 14:35	Soil
0904330-03	SB-3 7.5 - 9.0	04/15/09 14:45	Soil
0904330-04	SB-1 5.0 - 6.5	04/16/09 08:25	Soil
0904330-05	SB2B 6.0 - 7.5	04/16/09 09:45	Soil

SIEMENS

AECOM, Inc.
200 Indiana Avenue
Stevens Point, WI 54481

Attn: Dave Senfelds

PROJECT NO. : Rueping Macy Site
REPORT NO. : 0904330
DATE REC'D: 04/16/09 15:15
REPORT DATE : 04/24/09 10:29
PREPARED BY : BMS

Sample ID: **MeOH Blank** Matrix: **Soil** Sample Date/Time: **04/15/09 15:00** Lab No. : **0904330-01**

	Results	Units	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	Analyst
EPA 8021B/ WI DNR GRO								
1,2,4-Trimethylbenzene	ND	mg/kg	0.013	0.025	1		04/21/09	ALZ
1,3,5-Trimethylbenzene	ND	mg/kg	0.018	0.025	1		04/21/09	ALZ
Benzene	ND	mg/kg	0.016	0.025	1		04/21/09	ALZ
Ethylbenzene	ND	mg/kg	0.018	0.025	1		04/21/09	ALZ
Gasoline Range Organics	ND	mg/kg	5.00	5.00	1		04/21/09	ALZ
m&p-Xylene	ND	mg/kg	0.021	0.025	1		04/21/09	ALZ
Methyl Tert Butyl Ether	ND	mg/kg	0.011	0.025	1		04/21/09	ALZ
o-Xylene	ND	mg/kg	0.016	0.025	1		04/21/09	ALZ
Toluene	ND	mg/kg	0.017	0.025	1		04/21/09	ALZ

SIEMENS

AECOM, Inc.
200 Indiana Avenue
Stevens Point, WI 54481

PROJECT NO. : Rueping Macy Site
REPORT NO. : 0904330
DATE REC'D: 04/16/09 15:15
REPORT DATE : 04/24/09 10:29
PREPARED BY : BMS

Attn: Dave Senfelds

Sample ID: **SB-3 2.5 - 4.0** Matrix: **Soil** Sample Date/Time: **04/15/09 14:35** Lab No. : **0904330-02**

	Results	Units	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	Analyst
EPA 3050B								
ICP Solid Metal Prep	Completed	N/A			1		04/21/09	DJB
EPA 6010B - Total								
Total Cadmium	2.47	mg/kg dry	0.0685	2.02	1		04/23/09	DJB
Total Lead	17.5	mg/kg dry	0.645	2.13	1		04/24/09	DJB
EPA 8021B/ WI DNR GRO								
1,2,4-Trimethylbenzene	ND	mg/kg dry	0.013	0.025	1		04/22/09	ALZ
1,3,5-Trimethylbenzene	ND	mg/kg dry	0.018	0.025	1		04/22/09	ALZ
Benzene	ND	mg/kg dry	0.016	0.025	1		04/22/09	ALZ
Ethylbenzene	ND	mg/kg dry	0.018	0.025	1		04/22/09	ALZ
Gasoline Range Organics	ND	mg/kg dry	5.00	5.00	1		04/22/09	ALZ
m&p-Xylene	0.170	mg/kg dry	0.021	0.025	1		04/22/09	ALZ
Methyl Tert Butyl Ether	ND	mg/kg dry	0.011	0.025	1		04/22/09	ALZ
o-Xylene	0.081	mg/kg dry	0.016	0.025	1		04/22/09	ALZ
Toluene	ND	mg/kg dry	0.017	0.025	1		04/22/09	ALZ
MOSA21-2								
Total Solids	82.6	% by Weight	0.03	0.03	1		04/20/09	LNB
WI DNR DRO								
Prep Method: WI DNR Soil Extraction	*By: KAM*					*Date Prepared:*	*04/21/09*	
Diesel Range Organics	63.9	mg/kg dry	5.00	5.00	1.01	LCH, D2B, D3	04/21/09	ALZ

SIEMENS

AECOM, Inc.
200 Indiana Avenue
Stevens Point, WI 54481

PROJECT NO. : Rueping Macy Site
REPORT NO. : 0904330
DATE REC'D: 04/16/09 15:15
REPORT DATE : 04/24/09 10:29
PREPARED BY : BMS

Attn: Dave Senfelds

Sample ID: **SB-3 7.5 - 9.0** Matrix: **Soil** Sample Date/Time: **04/15/09 14:45** Lab No. : **0904330-03**

	Results	Units	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	Analyst
EPA 3050B								
ICP Solid Metal Prep	Completed	N/A			1		04/21/09	DJB
EPA 6010B - Total								
Total Cadmium	0.984	mg/kg dry	0.0703	2.07	1	J	04/23/09	DJB
Total Lead	34.6	mg/kg dry	0.662	2.19	1		04/24/09	DJB
EPA 8021B/ WI DNR GRO								
1,2,4-Trimethylbenzene	0.083	mg/kg dry	0.015	0.029	1.17		04/22/09	ALZ
1,3,5-Trimethylbenzene	ND	mg/kg dry	0.021	0.029	1.17		04/22/09	ALZ
Benzene	0.085	mg/kg dry	0.019	0.029	1.17		04/22/09	ALZ
Ethylbenzene	ND	mg/kg dry	0.021	0.029	1.17		04/22/09	ALZ
Gasoline Range Organics	ND	mg/kg dry	5.85	5.85	1.17		04/22/09	ALZ
m&p-Xylene	0.208	mg/kg dry	0.025	0.029	1.17		04/22/09	ALZ
Methyl Tert Butyl Ether	ND	mg/kg dry	0.013	0.029	1.17		04/22/09	ALZ
o-Xylene	ND	mg/kg dry	0.019	0.029	1.17		04/22/09	ALZ
Toluene	0.141	mg/kg dry	0.020	0.029	1.17		04/22/09	ALZ
MOSA21-2								
Total Solids	80.5	% by Weight	0.03	0.03	1		04/20/09	LNB
WI DNR DRO								
Prep Method: WI DNR Soil Extraction	*By: KAM*					*Date Prepared:*	*04/21/09*	
Diesel Range Organics	169	mg/kg dry	23.5	23.5	4.7	LCH, D2B, D3	04/21/09	ALZ

SIEMENS

AECOM, Inc.
200 Indiana Avenue
Stevens Point, WI 54481

PROJECT NO. : Rueping Macy Site
REPORT NO. : 0904330
DATE REC'D: 04/16/09 15:15
REPORT DATE : 04/24/09 10:29
PREPARED BY : BMS

Attn: Dave Senfelds

Sample ID: **SB-1 5.0 - 6.5** Matrix: **Soil** Sample Date/Time: **04/16/09 8:25** Lab No. : **0904330-04**

	Results	Units	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	Analyst
EPA 3050B								
ICP Solid Metal Prep	Completed	N/A			1		04/21/09	DJB
EPA 6010B - Total								
Total Cadmium	ND	mg/kg dry	0.0598	1.76	1		04/23/09	DJB
Total Lead	2.71	mg/kg dry	0.563	1.86	1		04/24/09	DJB
EPA 8021B/ WI DNR GRO								
1,2,4-Trimethylbenzene	ND	mg/kg dry	0.014	0.026	1.06		04/21/09	ALZ
1,3,5-Trimethylbenzene	ND	mg/kg dry	0.019	0.026	1.06		04/21/09	ALZ
Benzene	ND	mg/kg dry	0.017	0.026	1.06		04/21/09	ALZ
Ethylbenzene	ND	mg/kg dry	0.019	0.026	1.06		04/21/09	ALZ
Gasoline Range Organics	ND	mg/kg dry	5.28	5.28	1.06		04/21/09	ALZ
m&p-Xylene	ND	mg/kg dry	0.022	0.026	1.06		04/21/09	ALZ
Methyl Tert Butyl Ether	ND	mg/kg dry	0.012	0.026	1.06		04/21/09	ALZ
o-Xylene	ND	mg/kg dry	0.017	0.026	1.06		04/21/09	ALZ
Toluene	ND	mg/kg dry	0.018	0.026	1.06		04/21/09	ALZ
MOSA21-2								
Total Solids	94.7	% by Weight	0.03	0.03	1		04/20/09	LNB
WI DNR DRO								
Prep Method: WI DNR Soil Extraction	*By: KAM*					*Date Prepared:*	*04/21/09*	
Diesel Range Organics	8.42	mg/kg dry	4.80	4.80	0.96	D3, LCH	04/22/09	ALZ

SIEMENS

AECOM, Inc.
200 Indiana Avenue
Stevens Point, WI 54481

Attn: Dave Senfelds

PROJECT NO. : Rueping Macy Site
REPORT NO. : 0904330
DATE REC'D: 04/16/09 15:15
REPORT DATE : 04/24/09 10:29
PREPARED BY : BMS

Sample ID: **SB2B 6.0 - 7.5** Matrix: **Soil** Sample Date/Time: **04/16/09 9:45** Lab No. : **0904330-05**

	Results	Units	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	Analyst
EPA 3050B								
ICP Solid Metal Prep	Completed	N/A			1		04/21/09	DJB
EPA 6010B - Total								
Total Cadmium	0.138	mg/kg dry	0.0680	2.01	1	J	04/23/09	DJB
Total Lead	38.2	mg/kg dry	0.641	2.12	1		04/24/09	DJB
MOSA21-2								
Total Solids	83.2	% by Weight	0.03	0.03	1		04/20/09	LNB

SIEMENS

Qualifier Descriptions

LCH	Laboratory control sample exhibited a high bias. Sample results may also be biased high.
J	Estimated concentration below laboratory quantitation level.
D3	The chromatogram is not characteristic for diesel or any single common petroleum product.
D2B	The chromatogram is characteristic for a heavier petroleum product other than diesel (i.e. motor oil, hydraulic oil, etc.).
COMP	Completed

Definitions

LOD = Limit of Detection (Dilution Corrected)
LOQ = Limit of Quanitation (Dilution Corrected)
ND = Not Detected
COMP = Complete
SUBCON = Subcontracted analysis
mv = millivolts
pci/L = picocuries per Liter
mL/L = milliliters per Liter
mg = milligram

When the word "dry" follows the units on the result page the sample results are dry weight corrected.

LODs and LOQs are dry weight corrected for all soils except WI GRO, EPA 8021 and WI DNR/EPA 8260B methanol and WI DNR methylene chloride preserved

ug/l = Micrograms per Liter = parts per billion (ppb)
ug/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
* = Result outside established limits.
mg/m3 = Milligrams per meter cubed
ng/L = Nanograms per Liter = Parts per trillion(ppt)
> = Greater Than

State of Wisconsin Methanol Soils for WI GRO, WI DNR/EPA 8260B and EPA 8021 are reported to the LOQ.

SIEMENS

Client: AEcom **Date Received:** 4/16/09

Analytical Number: 0904330 -1 **through** -5

Check all deviations from the EPA or WDNR sample protocol.

[ ] Sample(s) received at _____ °C which is above the EPA and WDNR limit of 4°C.

[ ] VOC vial(s) received with headspace.

[ ] Sample(s) received in bottles not furnished by Siemens Water Technologies. The preservation method, if used, is unknown.

[ ] Sample(s) were not properly preserved per EPA or WDNR protocol for the following analyses:
- _____

[ ] Sample(s) were received beyond the EPA/WDNR holding time for the following analyses:
- _____

[ ] Sample date/time not supplied by client. Actual holding time is unknown.

[ ] GRO / PVOC / VOC / DRO (circle) sample(s) are <19.5 grams. This report is the qualifier flag for that QC failure. The client has been contacted for further instructions. Analytical number(s) of the sample(s) under weight are:
- _____

[ ] GRO / PVOC / VOC (circle) sample(s) were between 26.4 and 35.4 grams. Methanol was added in a 1:1 ratio in the lab. Analytical number(s) of the sample(s) affected are:
- 0904330 -2.A +2ml

[ ] GRO / PVOC / VOC / DRO (circle) sample(s) are >35.4 grams and are required to be rejected. This report is the qualifier flag for that QC failure. The client has been contacted for further instructions. Analytical number(s) of the sample(s) affected are:
- _____

[ ] Other problems:
- _____

Client contacted concerning the above deviations:

_____ notified of the above deviation(s) on ____/____/____ @
contact name
____:____ am/pm by _____ and the client ordered the following:
initial

[ ] Proceed with analyses as ordered.
[ ] Proceed with analyses after taking the following corrective action:
- _____

[ ] Do NOT proceed with analyses.

Siemens Water Technologies Corp. 301 West Military Road Rothschild, WI 54474 Tel: (800)338-7226 Fax: (715)355-3221

SIEMENS

Company Name	Project
AECOM	RUEPING MACH SITE
Report Mailing Address: 200 INDIANA AVE, STEVENS POINT, WI 54481	Contact Name, Phone, Fax, Email: DAVE SENFELDS 715-342-3039, 715-341-7340
Invoice Address: SAME	Purchase Order # / Invoice Contact and Phone No.: SAME

Matrix: Drinking Water Groundwater Wastewater (Soil/Solid) Other: _____

Wis. PECFA Project subject to U&C? Yes (No)

For Compliance Monitoring? Yes (No) (If Yes, please specify Agency or Regulation) State: WI Agency/Reg.: WDNR.

Turnaround Request: [X] Normal (10 Bus. Days) [ ] Rush (Must be pre-approved by Lab and is subject to surcharges) Date Needed: _____

WO No. 0904330

Lab Use Only	Sample Date	Sample Time	No. of Containers Comp	No. of Containers Grab	Sample ID	DRO	GRO/VOCs	Pb + Col					Comments
-1	4/15/09	15:00		1	MeOH BLANK		X						1-2oz MeOH no H2O
-2		14:35		3	SB-3 2.5 TO 4.0	X	X	X					1-2oz MeOH, 1-2oz NP, 1-4oz
-3	"	14:45		3	SB-3 7.5 TO 9.0	X	X	X					
-4	4/16/09	8:25		3	SB-1 5.0 TO 6.5	X	X	X					
-5	"	9:45		1	SB-2B 6.5 TO 7.5			X					

Analyses Requested

Lab Use Only
Delivered by: (Walk-in) Courier
Ship. Cont. OK? (Y) N NA
Samples Leaking? Y (N) NA
Seals OK? (Y) N NA
Rec'd on Ice? (Y) N NA
Sample Receiving Comments: 3.7

Chain of Custody Record

Relinquished By:	Date	Time	Received By:
Rick Engen	4/16/09	2:00	Nicki L. Marsh
Nicki L. Marsh	4/16/09	3:15	Lisa Hoole

4-16-09 15:15

SIEMENS

Company Name	Project
	SWEEPING MACH
Report Mailing Address	**Contact Name, Phone, Fax, Email**
	DAVE SENFELDS
Invoice Address	**Purchase Order #** / **Invoice Contact and Phone No.**

Matrix: Drinking Water Groundwater Wastewater Soil/Solid Other:_____

Wis. PECFA Project subject to U&C? Yes No

For Compliance Monitoring? Yes No State: _____
(If Yes, please specify Agency or Regulation) Agency/Reg.: _____

Turnaround Request: [ ] Normal (10 Bus. Days)
[ ] Rush (Must be pre-approved by Lab and is subject to surcharges)
Date Needed: _____

WO No.: _____

Lab Use Only	Sample Date	Sample Time	No. of Containers Comp	No. of Containers Grab	Sample ID	Analyses Requested	Comments
	4/15/09	15:00		1	[illegible]	X	
	"	14:35		3	SB-3 2.5 TO 4.2	X	
	"	14:45		3	SB-3 7.5 TO 9.	X	
	4/16/09	8:25		3	SB-1 5.0 TO 6.5	X	
	"	9:45		1	SB-2B 6.8 TO 7.5		

Lab Use Only

Delivered by:	Walk-in		Courier
Ship. Cont. OK?	Y	N	NA
Samples Leaking?	Y	N	NA
Seals OK?	(Y)	N	NA
Rec'd on Ice?	(Y)	N	NA

Sample Receiving Comments:

Chain of Custody Record

Relinquished By:	Date	Time	Received By:
[signature]	4/16/09	3:1	
[signature]	[illegible]	[illegible]	

SGS ENVIRONMENTAL CONTRACTING LLC

N2570 Daytona Drive
Merrill, WI 54452

1-800-261-2803
715-539-2803 715-539-2661 FAX
jschlueter@hughes.net

Invoice

Date	Invoice #
12/4/2009	23037

AECOM
200 INDIANA AVE
STEVENS POINT WI 54481

Site Address

RECEIVED
DEC 0 7 2009

P.O. No.	Terms	Customer Contact	
103003	Due on receipt	[redacted]	09-1745-05 Fond du Lac Municipal

Units	Description	Rate	Amount
	Mobilization	450.00	450.00
	Transport and disposal of 7 soil drums and documentation	425.00	425.00

It's been a pleasure working with you!

Total $875.00

A CHARGE OF 1.5% PER MONTH WILL BE ADDED TO ACCOUNTS OVER 30 DAYS

LINCOLN COUNTY LANDFILL 715-536-9636
N4750 Landfill Lane, Merrill, WI 54452
Operating Hours Monday-Friday SUMMER (May 1 - Sept. 30) 7:00 am - 4:00 pm
WINTER (Oct. 1 - Apr. 30) 8:00 am - 4:00 pm
1st and 3rd Sat. 8:00 am - Noon

DATE: 12/3/2009 TICKET #: 107715 Vehicle #:
Time In: 01:39 PM Time Out: 02:04 PM
BILL TO: SGS Envirnomental Contracting, LLC HAULER: SGS Envirnomental Contracting, LLC
JOB : -

$29.90 ton exempt(Con33) 1.39 tn
Gross: 14660 Tare: 11880 Net Weight: 2780

Scale Notes:

HAVE A NICE DAY! Charge Transaction

Customer Signature _____ Weighed By: Administrator
I certify that the waste in this vehicle complies with the Wisconsin Recycling law and the landfill bans. I also agree to pay 1.5% per month Late payment charge after 30 days.

Lincoln County Solid Waste Facility
Petroleum Contaminated Soil Profile Form

Responsible Party
Name City of Fond Du Lac
Site Address 93 Doty Street
City, State, Zip Fond Du Lac, WI 54935
Contact Mark O. Lentz, P.E.
Phone (902) 322-3472
FAX
E-mail mlentz@fond-du-lac.wi.us

Billing Information
Name SGS Environmental Contracting, LLC
Address N2570 Daytona Drive
City, State, Zip Merrill, WI 54452
Contact Jay Schlueter
Phone (715) 539-2803
FAX (715) 539-2661
E-mail jschlueter@hughes.net

Type of Contamination (Please circle all that apply)
Leaded Gasoline Gasoline Diesel Fuel Oil Waste Oil
Chlorinated Organics (Other) (Explain) Generic low level, VOCs, SVOCs and metals from former manufacturing site.

Soil Classification (Please circle the most representative soil type)
Sand Silty Sand (Silty Clay) Clay
Other (Explain)

Estimated volume of soil 1.9 (7 drums) **Circle** (Cubic Yards) **or Tons**
Circle Source of Contamination: Underground Storage Tank
Aboveground Storage Tank Spill
(Other) (explain) Former Manufacturing Site

Average Soil Concentration GRO NA mg/kg **DRO** 69.8 mg/kg
BTEX 0.384 mg/kg **Lead** 17.6 mg/kg **Other** Total Chromium 118.1 mg/kg
Circle Analytical Attached (Yes) No Table
Analytical in excess of 100 pages – available electronically.

Do you have an up-to-date charge account with Lincoln County Solid Waste Facility
Circle (Yes) or No or circle payment plan approved with Manager Yes No

Waste Limitations, Lincoln County Solid Waste Facility will not accept any of the following:

1. This waste is not a hazardous waste as defined in Wisconsin Administrative Code NR 605 of 40 CFR 261.
2. This waste does not contain regulated quantities of PCB's.
3. This waste does not contain regulated quantities of herbicides or pesticides.
4. This waste does not contain regulated quantities of solvents as specified in Wisconsin Administrative Code NR 605.
5. This waste does not contain infectious waste as defined in Wisconsin Administrative Code NR 526.
6. All information submitted in this and all attached documents contains true and accurate descriptions of this waste. All relevant information regarding or suspect hazards in the possession of the generator has been disclosed.

Generators Signature Stephen E. Kees **Title** Operations Director
Print Name Stephen E. Kees **Date** 10/30/09

Lincoln County Solid Waste Facility • N4750 Landfill Lane • Merrill, WI 54452 •
Tel (715) 536-9636 • Fax (715) 536-6361

For office use only:
Bio pile Daily cover