Phase 2 Environmental Site Assessment

Fred Anderson Property
Hub City, Wisconsin

September 12, 2006
By METCO

Excellence through experience™

This document was prepared by:

Ronald J. Anderson, P.G.
Senior Hydrogeologist/Project Manager

INTRODUCTION

METCO was retained to perform a Phase 2 Environmental Site Assessment at the Fred Anderson Property located in Hub City, Wisconsin. Petroleum contamination was discovered in soil and groundwater during a site assessment conducted for the Wisconsin Department of Transportation in October 1990 and subsequently reported to the WDNR (BRRTS # 03-53-000559). In November 1992, the UST systems were removed and additional soil samples were collected underneath the UST's, piping, and pump island. Since November 1992, no other investigation of the petroleum contamination has occurred to our knowledge. The purpose of this project was to confirm the degree of petroleum contamination in the local soil and groundwater.

PROJECT CONCERNED PARTIES

Client

Richland County
C/O Steve Kohlstedt
1100 Highway 14 West
Richland County, WI 53581
(608) 647-6148

Environmental Consultant

METCO
Ronald J. Anderson P.G.
Eric Dahl
2956 Airport Road
La Crosse, WI 54603
608-781-8879

SITE INFORMATION

Site Address

15638 State Hwy 80
Hub City, Wisconsin

SAMPLING PROJECT

Geoprobe Sampling

On July 25, 2006, METCO conducted six Geoprobe borings with one soil sample and one groundwater sample collected from each boring for field and laboratory analysis. One soil boring was conducted in the area of the former pump island (G-1), one in the area of the former UST's (G-6), and four surrounding the former UST systems (G-2, G-3, G-4, and G-5). Soil samples were collected at 2-4 feet below ground surface and analyzed for GRO, VOC or PVOC + Naphthalene, and Lead. Groundwater samples were analyzed for GRO/PVOC.

The Geoprobe consists of a truck mounted, hydraulically driven unit that advances 1-inch diameter, 3-foot long, stainless steel rods into the subsurface. At desired depths, a soil, groundwater, or soil gas sample can be collected.

Soil samples are collected by advancing a stainless steel sampler into the ground to the top of the interval to be sampled. A stop-pin is removed, and the sampler driven until filled. The rods are retracted from the hole and the sample recovered. The undisturbed sample can then be collected for laboratory analysis.

Groundwater samples are collected by advancing a stainless steel, mill slotted well point into the watertable interface. Disposable, flexible, ¼ inch diameter polyethylene tubing was then introduced through the steel rods and down to the watertable interface. A hand-held pump was used to slowly draw an undisturbed water sample into the polyethylene tube, which was then removed from the steel rods and the water sample immediately placed into sampling containers.

The soil and groundwater samples were collected for laboratory analysis with as little disturbance and exposure to the air as possible.

Using a gloved hand, the samples were placed in laboratory specified, clean, clear, glass containers with screw on, Teflon lined caps. The collected samples were packed in a cooler containing ice and hand delivered to Synergy Laboratories in Appleton, Wisconsin.

All geoprobe borings were properly abandoned to ground level using bentonite clay and a surface seal.

Sampling Results

Soil sampling results are summarized in the following table:

Sample Location Number	Lead (ppm)	GRO (ppm)	Benzene (ppm)	Ethyl-benzene (ppm)	MTBE (ppm)	Naph-thalene (ppm)	Toluene (ppm)	1,2,4-TMB (ppm)	1,3,5-TMB (ppm)	Xylene (ppm)
G-1-1 (2-4 feet)	*110*	*10,100*	***2.56***	***151***	<2.5	**113**	*6.5*	**800**	**233**	***950***
G-2-1 (2-4 feet)	6.2	<10	<0.025	<0.025	<0.025	<0.025	<0.025	0.080	0.033	0.1062
G-3-1 (2-4 feet)	47	<10	<0.025	<0.025	<0.025	0.072	<0.025	<0.025	<0.025	<0.075
G-4-1 (2-4 feet)	19	<10	*0.102*	0.077	<0.025	<0.025	0.042	0.101	0.047	0.1854
G-5-1 (2-4 feet)	*550*	<10	*0.071*	0.038	<0.025	0.055	0.035	0.186	<0.025	0.104
G-6-1 (2-4 feet)	*64*	*340*	*0.87*	1.19	<0.025	2.21	0.38	15.6	7.1	2.93
NR720	50	100	0.0055	2.9	---	---	1.5	---	---	4.1
NR746 Table 1	---	---	8.5	4.6	---	2.7	38	83	11	42
NR746 Table 2	---	---	1.1	---	---	---	---	---	---	---

Italics = NR720 Exceedance **Bold = NR746 Exceedance**

Groundwater sampling results are summarized in the following table:

Sample Location Number	GRO (ppb)	Benzene (ppb)	Ethylbenzene (ppb)	MTBE (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (ppb)
G-1-W	29,100	**179**	**1,280**	<26	80	**4,220**	*5,860*
G-2-W	<1,550	<8.5	<50	<26	<39	<97.5	<142
G-3-W	<100	<0.17	<1	9.2	<0.78	<1.95	<2.84
G-4-W	650	**137**	12.4	<0.52	4.1	5.86	12.67
G-5-W	13,700	**320**	*470*	<52	*219*	**933**	*1,158*
G-6-W	40,000	**410**	**3,500**	<52	**4,100**	**2,880**	**13,300**
NR140 PAL	---	0.5	140	12	200	96	1,000
NR140 ES	---	5	700	60	1,000	480	10,000

Italics = PAL Exceedance **Bold** = ES Exceedance

Soil boring locations are presented in the Site Layout Map in Appendix A. A copy of the laboratory report is included in Appendix D

Geology

Native soils ranged from, a tan to brown fine to coarse grained sand to a gray to green clayey sand. Bedrock was not encountered during this project. Groundwater was found to exist between 3 and 5 feet below ground surface and groundwater flow appears to be toward the west to southwest.

RISK ASSESSMENT

Municipal and Private Water Supply Wells

The unincorporated area of Hub City is not served by municipal water supply. The subject property and surrounding properties have private potable water supply wells. Since groundwater contamination exceeding the NR140 Enforcement Standards was documented on the subject property, these wells are potentially at risk. The nearest potable well exists on the subject property approximately 20 feet to the northwest of the former UST's. However, this well has not been used for at least 8 to 10 years and will be abandoned during building demolition. A potable well for the Home Plate Bar & Grill exists approximately 80 feet to the southwest of the former UST's. Three residential potable wells exist on the east side of Highway 80, these wells are located approximately 115 feet to the east, 125 feet to the southeast, and 190 feet to the northeast of the former UST systems. Another potable well is located in Mick Park approximately 275 feet to the west of the former UST systems. Numerous other potable wells exist in Hub City, however due to their distance and upgradient to sidegradient location relative to the apparent groundwater flow direction, they have not included in our risk assessment.

Direct Contact Risk from Contaminated Soil

Based on the soil sampling results, petroleum compounds and Lead were found to exist in levels exceeding the WDNR direct contact standards. Soil sample G-1-1 (2-4 feet), which was collected in the area of the former pump island showed exceedances of the NR746 Table 1/Table 2 Values (2.56 ppm Benzene, 151 ppm Ethylbenzene, 113 ppm

Naphthalene, 800 ppm 1,2,4-Trimethylbenzene, 233 ppm 1,3,5-Trimethylbenzene, and 950 ppm Xylene). Soil contamination exceeding the NR720 Direct Contact Levels for Lead were found to exist in soil samples G-1-1 (110 ppm Lead), G-5-1 (550 ppm Lead), and G-6-1 (64 ppm Lead).

Buildings, Basements, Sumps, Utility Corridors

Soil and groundwater contamination exists in the area of the former service station building. However, this building will be demolished and the potential risk to the building eliminated. No other risks to buildings, basements, sumps or utility corridors are known to exist at this time.

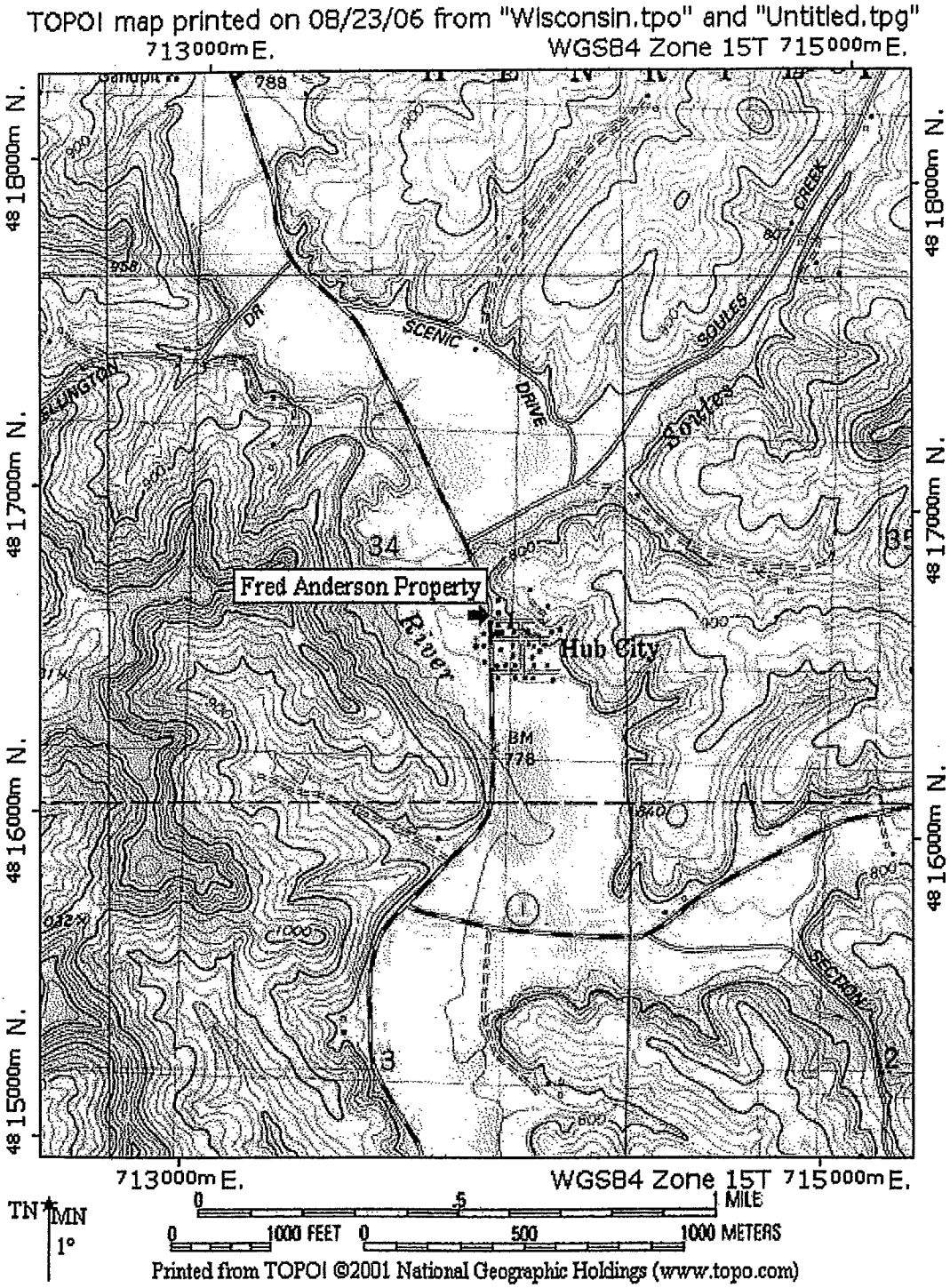
Surface Waters

The nearest surface water is the Soules Creek, which exists approximately 550 to 600 feet to the north of the subject property. Soules Creek flows into the Pine River approximately 800 feet to the west of the subject property. Currently it is unknown if petroleum contamination has migrated to any surface waters.

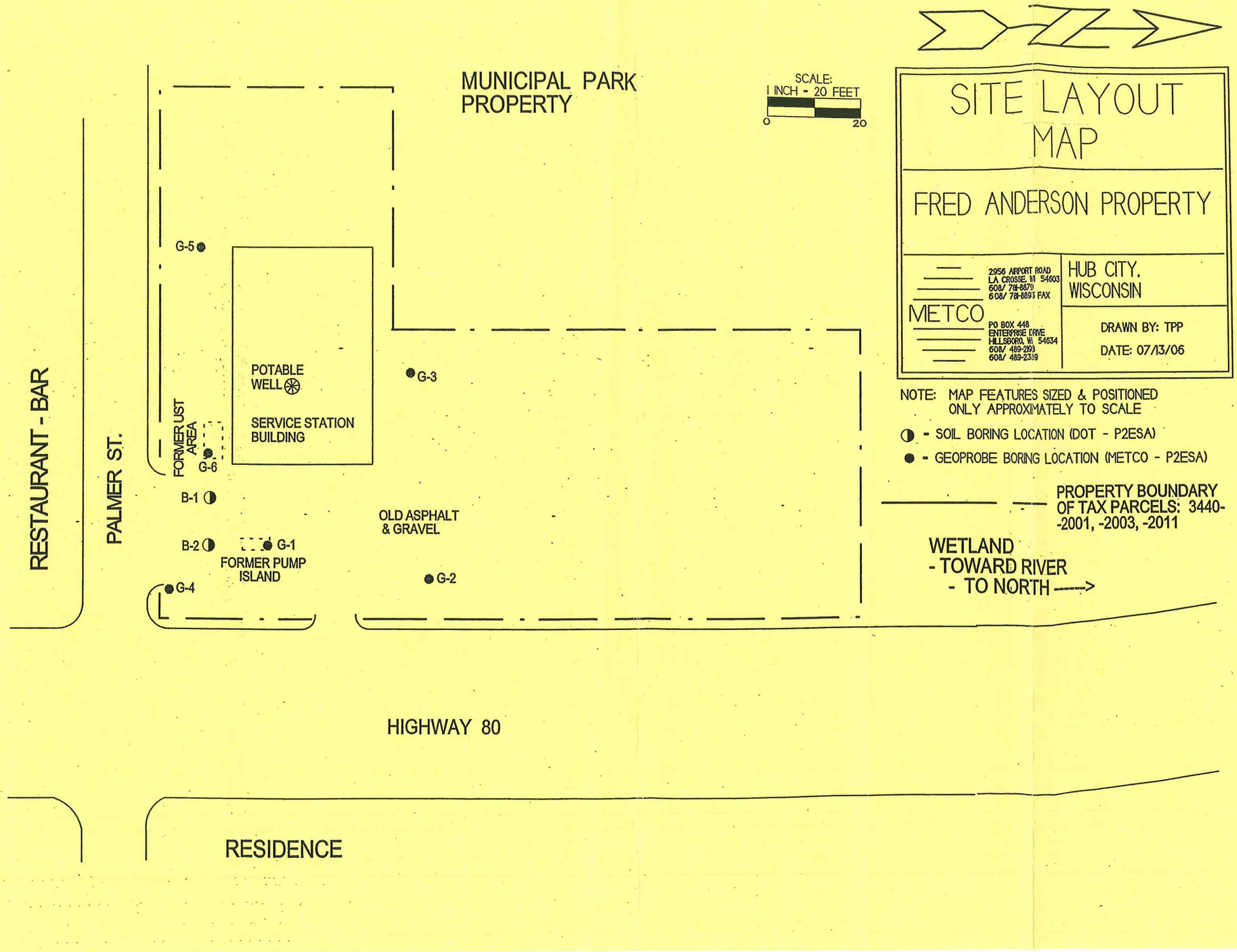
CONCLUSIONS

Based on the results of the Geoprobe Project, which showed significant Petroleum contamination in the local soil and groundwater, this site cannot be closed by the WDNR at this time. To achieve a "closure" status, the WDNR would likely require further investigation and possible remediation. However, according to Dan Kolberg of the WDNR Brownsfields Program, Richland County and any subsequent government entity that owns this property will be "exempt" from any further WDNR requirements. If Richland County or any other local government acquires this property, the WDNR should be notified to have the property listing on the WDNR BRRT's Database changed from "open" to "VPLE", (Voluntary Party Liability Exemption). If the owner of this property ever decides that they would like to achieve a "closure" status from the WDNR, this site is eligible for PECFA Funding through the Wisconsin Department of Commerce.

Appendix A/ Site Maps



SITE LOCATION MAP – CONTOUR INTERVAL 20 FEET
FRED ANDERSON PROPERTY – HUB CITY, WI
SEAMLESS USGS TOPOGRAPHIC MAPS ON CD-ROM


MUNICIPAL PARK
PROPERTY
SCALE:
1 INCH = 20 FEET
0
20
RESTAURANT - BAR
PALMER ST.
G-5
POTABLE
WELL
SERVICE STATION
BUILDING
FORMER UST
AREA
G-6
G-3
B-1
B-2
G-1
FORMER PUMP
ISLAND
G-4
OLD ASPHALT
& GRAVEL
G-2
HIGHWAY 80
RESIDENCE
SITE LAYOUT
MAP
FRED ANDERSON PROPERTY
METCO
2956 AIRPORT ROAD
LA CROSSE, WI 54603
608/ 781-8879
608/ 781-8893 FAX
PO BOX 448
ENTERPRISE DRIVE
HILLSBORO, WI 54634
608/ 489-2393
608/ 489-2399
HUB CITY,
WISCONSIN
DRAWN BY: TPP
DATE: 07/13/06
NOTE: MAP FEATURES SIZED & POSITIONED
ONLY APPROXIMATELY TO SCALE
◑ - SOIL BORING LOCATION (DOT - P2ESA)
● - GEOPROBE BORING LOCATION (METCO - P2ESA)
PROPERTY BOUNDARY
OF TAX PARCELS: 3440-
-2001, -2003, -2011
WETLAND
- TOWARD RIVER
- TO NORTH ----->

POTABLE WELL

PARK PAVILION

POTABLE WELL LOCATION MAP

FRED ANDERSON PROPERTY

HUB CITY, WISCONSIN

2996 AIRPORT ROAD
LA CROSSE, WI 54603
608/ 781-9579
608/ 781-9580 FAX

METCO

PO BOX 449
ENTERPRISE DRIVE
HILLSBORO, WI 54634
608/ 489-2331
608/ 489-2332

DRAWN BY: TPP/ED
DATE: 7/25/06

NOTE: MAP FEATURES SIZED & POSITIONED ONLY APPROXIMATELY TO SCALE

◑ - SOIL BORING LOCATION (DOT - P2ESA)

⊛ - GEOPROBE BORING LOCATION (METCO - P2ESA)

PROPERTY BOUNDARY OF TAX PARCELS: 3440--2001, -2003, -2011

SCALE:
1 INCH = 40 FEET
0 20 40

RESIDENCE

POTABLE WELL

THE HOME PLATE BAR & GRILL

MUNICIPAL PARK PROPERTY

G-5

POTABLE WELL

G-3

FORMER UST AREA

G-6

B-1

B-2

G-1

FORMER PUMP ISLAND

G-4

OLD ASPHALT & GRAVEL

G-2

PALMER ST.

WETLAND
- TOWARD RIVER
- TO NORTH ——>

HIGHWAY 80

RESIDENCE

POTABLE WELL

RESIDENCE

POTABLE WELL

RESIDENCE

POTABLE WELL

Appendix B/ Data Tables

GEOPROBE DATA TABLE FOR FRED ANDERSON PROPERTY BRRTS# 07-53-544930
BY METCO

SAMPLING CONDUCTED ON JULY 25, 2006

SOIL SAMPLES												
Sample Location Number	**G-1-1**	**G-1-2**	**G-2-1**	**G-2-2**	**G-3-1**	**G-4-1**	**G-4-2**	**G-5-1**	**G-5-2**	**G-6-1**	**G-6-2**	MEOH BLANK
Sample Depth in Feet	2-4	4-6	2-4	5-7	2-4	2-4	5-7	2-4	5-7	2-4	5-7	==
Soil Type	CLAYEY SAND	CLAYEY SAND	SAND	CLAYEY SAND	CLAYEY SAND	CLAYEY SAND	SAND	CLAYEY SAND	SANDY CLAY	CLAYEY SAND	CLAYEY SAND	==
Petroleum Odors	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	==
Petroleum Staining	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	==
Moisture	MOIST	MOIST/WET	MOIST	WET	MOIST	MOIST	WET	MOIST	WET	MOIST	WET	==
HNU in Units	600	700	6	7	==	15	20	8	300	20	220	==
Solids %	78.9	ns	94.3	ns	80.5	88	ns	77.7	ns	82.2	ns	ns
Lead/ppm	**110**	ns	**6.2**	ns	**47**	**19**	ns	**550**	ns	**64**	ns	ns
GRO/ppm	**10100**	ns	< 10	ns	< 10	< 10	ns	< 10	ns	**340**	ns	< 10
Benzene/ppb	**2560**	ns	<25	ns	<25	**102**	ns	**71**	ns	**870**	ns	<25
Bromobenzene/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Bromodichloromethane/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Bromoform/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
tert-Butylbenzene/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
sec-Butylbenzene/ppb	**14400**	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
n-Butylbenzene/ppb	**77000**	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Carbon Tetrachloride/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Chlorobenzene/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Chloroethane/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Chloroform/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Chloromethane/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
2-Chlorotoluene/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
4-Chlorotoluene/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
1,2-Dibromo-3-chloropropane/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Dibromochloromethane/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
1,4-Dichlorobenzene/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
1,3-Dichlorobenzene/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
1,2-Dichlorobenzene/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Dichlorodifluoromethane/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
1,2-Dichloroethane/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
1,1-Dichloroethane/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
1,1-Dichloroethene/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
cis-1,2-Dichloroethene/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
trans-1,2-Dichloroethene/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
1,2-Dichloropropane/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
2,2-Dichloropropane/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
1,3-Dichloropropane/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Di-isopropyl ether/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
EDB (1,2-Dibromoethane)/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Ethylbenzene/ppb	**151000**	ns	<25	ns	<25	**77**	ns	**38**	ns	**1190**	ns	<25
Hexachlorobutadiene/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Isopropylbenzene/ppb	**24000**	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
p-Isopropyltoluene/ppb	**6700**	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Methylene chloride/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Methyl tert-butyl ether (MTBE)/ppb	< 2500	ns	<25	ns	<25	<25	ns	< 25	ns	< 25	ns	<25
Naphthalene/ppb	**113000**	ns	<25	ns	**72**	<25	ns	**55 "J"**	ns	**2210**	ns	ns
n-Propylbenzene/ppb	**108000**	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
1,1,2,2-Tetrachloroethane/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
1,1,1,2-Tetrachloroethane/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Tetrachloroethene/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Toluene/ppb	**6500**	ns	<25	ns	<25	**42**	ns	**35**	ns	**380**	ns	<25
1,2,4-Trichlorobenzene/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
1,2,3-Trichlorobenzene/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
1,1,1-Trichloroethane/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
1,1,2-Trichloroethane/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Trichloroethene (TCE)/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Trichlorofluoromethane/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
1,2,4-Trimethylbenzene/ppb	**800000**	ns	**80**	ns	<25	**101**	ns	**186**	ns	**15600**	ns	ns
1,3,5-Trimethylbenzene/ppb	**233000**	ns	**33**	ns	<25	**47**	ns	< 25	ns	**7100**	ns	ns
Vinyl Chloride/ppb	< 2500	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
m&p-Xylene/ppb	**810000**	ns	**81**	ns	<50	**159**	ns	**104**	ns	**2660**	ns	<25
o-Xylene/ppb	**140000**	ns	**25.2 "J"**	ns	<25	**26.4 "J"**	ns	< 25	ns	**270**	ns	<50

NOTE: Bold = detects ns = not sampled
"J" Flag: Analyte detected between LOD and LOQ

GEOPROBE DATA TABLE FOR FRED ANDERSON PROPERTY BRRTS# 07-53-544930
BY METCO

SAMPLING CONDUCTED ON JULY 25, 2006

GROUNDWATER SAMPLES

Sample Location Number	G-1-W	G-2-W	G-3-W	G-4-W	G-5-W	G-6-W	TRIP BLANK
Sample Depth in Feet	5-7	5-7	3-5	5-7	5-7	5-7	==
Petroleum Odors	YES	NO	YES	YES	YES	YES	==
Petroleum Sheen	NO	NO	NO	NO	NO	NO	==
GRO/ppb	**29100**	< 1550	< 100	**650**	**13700**	**40000**	ns
Benzene/ppb	**179**	< 8.5	< 0.17	**137**	**320**	**410**	< 0.17
Ethylbenzene/ppb	**1280**	< 50	< 1	**12.4**	**470**	**3500**	< 1
Methyl tert-butyl ether (MTBE)/ppb	< 26	< 26	**9.2**	< 0.52	< 52	< 52	< 0.52
Toluene/ppb	**80 "J"**	< 39	< 0.78	**4.1**	**219 "J"**	**4100**	< 0.78
1,2,4-Trimethylbenzene/ppb	**3300**	< 42.5	< 0.85	**3.7**	**700**	**2260**	< 0.85
1,3,5-Trimethylbenzene/ppb	**920**	< 55	< 1.1	**2.16 "J"**	**233 "J"**	**620**	< 1.1
m&p-Xylene/ppb	**5400**	< 100	< 2	**10.6**	**1000**	**10000**	< 2
o-Xylene/ppb	**460**	< 42	< 0.84	**2.07 "J"**	**158 "J"**	**3300**	< 0.84

NOTE: Bold = detects ns = not sampled
"J" Flag: Analyte detected between LOD and LOQ

Appendix C/ Soil Boring Logs and Abandonment Forms

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Anderson Property		G-1

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First Name: Eric Last Name: Dahl Firm: METCO	07 / 25 / 2006 mm dd yyyy	07 / 25 / 2006 mm dd yyyy	Geoprobe

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: X) or Boring Location X
State Plane _____ N, _____ E
NW 1/4 of SE 1/4 of Section 34, T 12 N, R 1 E
Lat 43° 28' 20"
Long 90° 21' 19"
Local Grid Location ☐ N ☐ E _____ Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/or Village
	Richland	5 3	Hub City

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 Ground surface = Asphalt	USCS	Graphic Log	Well Diagram	Soil Properties: PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1											
			2											
				Tan, fine to medium grained sand	SP			600		M				Petro odor
-1	18		3											
4)	24			Gray, clayey sand	SC									
			4											
								700		M/W				Petro odor
G-1-2	18		5	▼										
(4-6)	24													
			6											
			7	EOB @ 7 feet. Groundwater sample G-1-W collected at 5-7 feet. Borehole abandoned.										
			8											
			9											
			10											
			11											
			12											

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

Signature _____ Firm METCO

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.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Fred Anderson Property		G-2

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First Name: Eric Last Name; Dahl Firm: METCO	07 / 25 / 2006 mm dd yyyy	07 / 25 / 2006 mm dd yyyy	Geoprobe

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: X) or Boring Location X
State Plane _____ N, _____ E
NW 1/4 of SE 1/4 of Section 34 , T 12 N, R 1 E
Lat 43° 28' 20"
Long 90° 21' 19"
Local Grid Location
_____ Feet ☐ S Feet ☐ W ☐ N ☐ E

Facility ID	County	County Code	Civil Town/City/or Village
	Richland	5 3	Hub City

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 Ground surface = Gravel	USCS	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1											
			2											
				Tan, fine to medium grained sand	SP			6		M				Slight Petro odor
G-2-1 (2-4)	14 24		3											
			4											
			5	Gray, clayey sand	SC									
G-2-2 (5-7)	6 24		6					7		W				No Petro odor
			7	EOB @ 7 feet. Groundwater sample G-2-W collected at 5-7 feet. Borehole abandoned.										
			8											
			9											
			10											
			11											
			12											

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

Signature _____ Firm METCO

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.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Fred Anderson Property		G-3

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First Name: Eric Last Name: Dahl Firm: METCO	07 / 25 / 2006 mm dd yyyy	07 / 25 / 2006 mm dd yyyy	Geoprobe

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: X) or Boring Location X
State Plane _____ N, _____ E
NW 1/4 of SE 1/4 of Section 34, T 12 N, R 1 E

Lat 43° 28' 20"
Long 90° 21' 19"

Local Grid Location
☐ N ☐ E
_____ Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/or Village
	Richland	5 3	Hub City

Sample | Soil Properties

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 Ground surface = Gravel	USCS	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
G-3-1 (2-4)	6 24		1 2 3 4 5 6 7 8 9 10 11 12	Gray, clayey sand EOB @ 5 feet. Geoprobe refusal. Groundwater sample G-3-W collected at 3-5 feet. Borehole abandoned.	SC					M				Petro odor

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

Signature E. Dahl Firm METCO

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tate of Wisconsin
epartment of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

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

Page 1 of 1

acility/Project Name	License/Permit/Monitoring Number	Boring Number
ed Anderson Property		G-4

oring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First Name: Eric Last Name; Dahl	07 / 25 / 2006 (mm dd yyyy)	07 / 25 / 2006 (mm dd yyyy)	Geoprobe
Firm: METCO			

I Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			____Feet MSL	____Feet MSL	____Inches

cal Grid Origin ☐ (estimated: X) or Boring Location X — Lat 43° 28' 20" — Local Grid Location
ate Plane _____ N, _____ E — ☐ N ☐ E
W 1/4 of SE 1/4 of Section 34, T 12 N, R 1 E — Long 90° 21' 19" — _____ Feet ☐ S Feet ☐ W

acility ID	County	County Code	Civil Town/City/or Village
	Richland	5 3	Hub City

ample					Soil Properties											
type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit Ground surface = Asphalt	USCS	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1											
			2											
4-1 (2-4)	18 24		3	Tan, sand and gravel	SP			15		M				Slight Petro odor
			4	Green, clayey sand	SC									
			5											
				Green, medium to coarse grained sand	SP									
4-2 5-7)	20 24		6					20		W				Petro odor
			7	EOB @ 7 feet. Groundwater sample G-4-W collected at 5-7 feet. Borehole abandoned.										
			8											
			9											
			10											
			11											
			12											

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

ature _____ Firm METCO

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Fred Anderson Property		G-6

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First Name: Eric Last Name: Dahl	07 / 25 / 2006 (mm dd yyyy)	07 / 25 / 2006 (mm dd yyyy)	Geoprobe
Firm: METCO			

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: X) or Boring Location X — Lat 43° 28' 20" — Local Grid Location ☐ N ☐ E
State Plane _____ N, _____ E — Long 90° 21' 19" — _____ Feet ☐ S Feet ☐ W
NW 1/4 of SE 1/4 of Section 34, T 12 N, R 1 E

Facility ID	County	County Code	Civil Town/City/or Village
	Richland	5 3	Hub City

Sample					Soil Properties											
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 Ground surface = Grass	U S C S	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P-200	RQD/ Comments
G-6-1 (1-4)	12 24		1 2 3 4 5 6	Gray, clayey sand	SC			20		M				Petro odor
G-6-2 (5-7)	22 24		7 8 9 10 11 12	EOB @ 7 feet. Groundwater sample G-6-W collected at 5-7 feet. Borehole abandoned.				220		W				Petro odor

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

Signature _____ Firm METCO

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State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5 2/2000

Notice: Please complete Form 3300-5 and return it to the appropiate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

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

(1) GENERAL INFORMATION

WI Unique Well No. _ _ _ _ _ _ | DNR Well ID No. | County: Richland

Common Well Name: G-1 | Gov't Lot (If applicable):

Grid Location: NW 1/4 of SE 1/4 of Sec. 34 ; T. 12 N; R. 1 [X] E ☐ W

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat. 43 ° 28 ' 20 . " Long 90 ° 21 ' 19 . " or

St. Plane _____ ft. N. _____ ft. E. ☐ S ☐ C ☐ N Zone

Reason For Abandonment: Sampling Complete

WI Unique Well No. of Replacement Well: _ _ _ _ _ _

(2) FACILITY/ OWNER INFORMATION

Facility Name: Fred Anderson Property

Facility ID | License/Permit/Monitoring No.

Street Address of Well: 15638 State Hwy 80

City, Village, or Town: Hub City

Present Well Owner: Fred Anderson | Original Owner

Street Address or Route of Owner: 25314 Lodge St

City, State, Zip Code: Richland Center WI 53581-

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: 7/25/2006

☐ Monitoring Well
☐ Water Well
[X] Borehole / Drillhole

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
[X] Other (Specify) Geoprobe

Formation Type:
[X] Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) (From groundsurface): 7 | Casing Diameter (in.): _____ | Casing Depth (ft.): _____

Lower Drillhole Diameter (in.): 2

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown

If Yes, To What Depth? _____ Feet

Depth to Water (Feet): 5

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	[X] Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	[X] Not Applicable
Screen Removed?	☐ Yes	☐ No	[X] Not Applicable
Casing Left in Place?	☐ Yes	☐ No	
Was Casing Cut Off Below Surface?	☐ Yes	☐ No	
Did Sealing Material Rise to Surface?	[X] Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	[X] No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

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

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

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
☐ Granular Bentonite
☐ Bentonite - Cement Grout
☐ Bentonite - Sand Slurry

(5) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	Pounds	Mix Ratio or Mud Weight
Bentonite Chips	Surface	7	10.5	

(6) Comments: _____

(7) Name of Person or Firm Doing Sealing Work: Eric Dahl/METCO | Date of Abandonment: 7/25/2006

Signature of Person Doing Work: [signature] | Date Signed: 8/24/06

Street or Route: 2956 Airport Road | Telephone Number: (608)781-8879

City, State, Zip Code: La Crosse WI 54603-

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5 2/2000

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

(1) GENERAL INFORMATION

WI Unique Well No. _ _ _ _ _ | DNR Well ID No. | County: Richland

Common Well Name: G-3 | Gov't Lot (If applicable): _____

Grid Location: NW 1/4 of SE 1/4 of Sec. 34 ; T. 12 N; R. 1 [X] E ☐ W

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat. 43 ° 28 ' 20 . " Long 90 ° 21 ' 19 . " or

St. Plane _____ ft. N. _____ ft. E. ☐ S ☐ C ☐ N Zone

Reason For Abandonment: Sampling Complete | WI Unique Well No. of Replacement Well: _ _ _ _ _

(2) FACILITY/OWNER INFORMATION

Facility Name: Fred Anderson Property

Facility ID | License/Permit/Monitoring No.

Street Address of Well: 15638 State Hwy 80

City, Village, or Town: Hub City

Present Well Owner: Fred Anderson | Original Owner

Street Address or Route of Owner: 25314 Lodge St

City, State, Zip Code: Richland Center WI 53581-

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: 7/25/2006

☐ Monitoring Well
☐ Water Well
[X] Borehole / Drillhole

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
[X] Other (Specify) Geoprobe

Formation Type:
[X] Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) (From groundsurface): 5 | Casing Diameter (in.): _____ | Casing Depth (ft.): _____

Lower Drillhole Diameter (in.): 2

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown

If Yes, To What Depth? _____ Feet

Depth to Water (Feet): 3

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	[X] Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	[X] Not Applicable
Screen Removed?	☐ Yes	☐ No	[X] Not Applicable
Casing Left in Place?	☐ Yes	☐ No	
Was Casing Cut Off Below Surface?	☐ Yes	☐ No	
Did Sealing Material Rise to Surface?	[X] Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	[X] No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

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

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

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
☐ Granular Bentonite
☐ Bentonite - Cement Grout
☐ Bentonite - Sand Slurry

(5) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	Pounds	Mix Ratio or Mud Weight
Bentonite Chips	Surface	5	7.5	

(6) Comments: _____

(7) Name of Person or Firm Doing Sealing Work: Eric Dahl/METCO | Date of Abandonment: 7/25/2006

Signature of Person Doing Work: E Dahl | Date Signed: 8/24/06

Street or Route: 2956 Airport Road | Telephone Number: (608)781-8879

City, State, Zip Code: La Crosse WI 54603-

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5 2/2000

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

(1) GENERAL INFORMATION

WI Unique Well No.: _ _ _ _ _ _
DNR Well ID No.:
County: Richland

Common Well Name: G-4 Gov't Lot (If applicable): _____

Grid Location: NW 1/4 of SE 1/4 of Sec. 34 ; T. 12 N; R. 1 [X] E ☐ W

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat. 43 ° 28 ' 20 . " Long 90 ° 21 ' 19 . " or

St. Plane _____ ft. N. _____ ft. E. ☐ S ☐ C ☐ N Zone

Reason For Abandonment: Sampling Complete

WI Unique Well No. of Replacement Well: _ _ _ _ _ _

(2) FACILITY / OWNER INFORMATION

Facility Name: Fred Anderson Property

Facility ID:
License/Permit/Monitoring No.:

Street Address of Well: 15638 State Hwy 80

City, Village, or Town: Hub City

Present Well Owner: Fred Anderson
Original Owner:

Street Address or Route of Owner: 25314 Lodge St

City, State, Zip Code: Richland Center WI 53581-

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: 7/25/2006

☐ Monitoring Well
☐ Water Well
[X] Borehole / Drillhole

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
[X] Other (Specify) Geoprobe

Formation Type:
[X] Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) (From groundsurface): 7
Casing Diameter (in.):
Casing Depth (ft.):
Lower Drillhole Diameter (in.): 2

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown

If Yes, To What Depth? _____ Feet

Depth to Water (Feet): 5

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	[X] Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	[X] Not Applicable
Screen Removed?	☐ Yes	☐ No	[X] Not Applicable
Casing Left in Place?	☐ Yes	☐ No	
Was Casing Cut Off Below Surface?	☐ Yes	☐ No	
Did Sealing Material Rise to Surface?	[X] Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	[X] No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

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

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

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
☐ Granular Bentonite
☐ Bentonite - Cement Grout
☐ Bentonite - Sand Slurry

(5) Material Used To Fill Well/Drillhole

Material	From (Ft.)	To (Ft.)	Pounds	Mix Ratio or Mud Weight
Bentonite Chips	Surface	7	10.5	

(6) Comments: _____

(7) Name of Person or Firm Doing Sealing Work: Eric Dahl/METCO
Date of Abandonment: 7/25/2006

Signature of Person Doing Work: E Dahl
Date Signed: 8/29/06

Street or Route: 2956 Airport Road
Telephone Number: (608)781-8879

City, State, Zip Code: La Crosse WI 54603-

FOR DNR OR COUNTY USE ONLY

Date Received: _____ Noted By: _____

Comments: _____

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5 2/2000

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

(1) GENERAL INFORMATION

WI Unique Well No. _ _ _ _ _ _ | DNR Well ID No. | County: Richland

Common Well Name G-5 | Gov't Lot (If applicable)

Grid Location: NW 1/4 of SE 1/4 of Sec. 34 ; T. 12 N; R. 1 [X] E ☐ W

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat. 43 ° 28 ' 20 . " Long 90 ° 21 ' 19 . " or

St. Plane _____ ft. N. _____ ft. E. ☐ S ☐ C ☐ N Zone

Reason For Abandonment: Sampling Complete

WI Unique Well No. of Replacement Well _ _ _ _ _ _

(2) FACILITY / OWNER INFORMATION

Facility Name: Fred Anderson Property

Facility ID | License/Permit/Monitoring No.

Street Address of Well: 15638 State Hwy 80

City, Village, or Town: Hub City

Present Well Owner: Fred Anderson | Original Owner

Street Address or Route of Owner: 25314 Lodge St

City, State, Zip Code: Richland Center WI 53581-

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date 7/25/2006

☐ Monitoring Well
☐ Water Well
[X] Borehole / Drillhole

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
[X] Other (Specify) Geoprobe

Formation Type:
[X] Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 7 (From groundsurface) | Casing Diameter (in.) _____ | Casing Depth (ft.) _____

Lower Drillhole Diameter (in.) 2

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown

If Yes, To What Depth? _____ Feet

Depth to Water (Feet) 5

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	[X] Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	[X] Not Applicable
Screen Removed?	☐ Yes	☐ No	[X] Not Applicable
Casing Left in Place?	☐ Yes	☐ No	
Was Casing Cut Off Below Surface?	☐ Yes	☐ No	
Did Sealing Material Rise to Surface?	[X] Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	[X] No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

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

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

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
☐ Granular Bentonite
☐ Bentonite - Cement Grout
☐ Bentonite - Sand Slurry

(5) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	Pounds	Mix Ratio or Mud Weight
Bentonite Chips	Surface	7	10.5	

(6) Comments: _____

(7) Name of Person or Firm Doing Sealing Work: Eric Dahl/METCO | Date of Abandonment: 7/25/2006

Signature of Person Doing Work | Date Signed: 8/24/06

Street or Route: 2956 Airport Road | Telephone Number: (608)781-8879

City, State, Zip Code: La Crosse WI 54603-

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

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State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5 2/2000

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

(1) GENERAL INFORMATION

WI Unique Well No. _ _ _ _ _ _ | DNR Well ID No. | County: Richland

Common Well Name: G-6 | Gov't Lot (If applicable): _____

Grid Location: NW 1/4 of SE 1/4 of Sec. 34 ; T. 12 N; R. 1 [X] E ☐ W

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat. 43 ° 28 ' 20 . " Long 90 ° 21 ' 19 . " or

St. Plane _____ ft. N. _____ ft. E. ☐ S ☐ C ☐ N Zone

Reason For Abandonment: Sampling Complete

WI Unique Well No. of Replacement Well: _ _ _ _ _ _

(2) FACILITY/OWNER INFORMATION

Facility Name: Fred Anderson Property

Facility ID | License/Permit/Monitoring No.

Street Address of Well: 15638 State Hwy 80

City, Village, or Town: Hub City

Present Well Owner: Fred Anderson | Original Owner

Street Address or Route of Owner: 25314 Lodge St

City, State, Zip Code: Richland Center WI 53581-

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: 7/25/2006

☐ Monitoring Well
☐ Water Well
[X] Borehole / Drillhole

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
[X] Other (Specify) Geoprobe

Formation Type:
[X] Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) (From groundsurface): 7 Casing Diameter (in.): _____

Casing Depth (ft.): _____

Lower Drillhole Diameter (in.): 2

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown

If Yes, To What Depth? _____ Feet

Depth to Water (Feet): 5

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	[X] Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	[X] Not Applicable
Screen Removed?	☐ Yes	☐ No	[X] Not Applicable
Casing Left in Place?	☐ Yes	☐ No	
Was Casing Cut Off Below Surface?	☐ Yes	☐ No	
Did Sealing Material Rise to Surface?	[X] Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	[X] No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

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

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

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
☐ Granular Bentonite
☐ Bentonite - Cement Grout
☐ Bentonite - Sand Slurry

(5) Material Used To Fill Well/Drillhole

Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	Pounds	Mix Ratio or Mud Weight
Bentonite Chips	Surface	7	10.5	

(6) Comments: _____

(7) Name of Person or Firm Doing Sealing Work: Eric Dahl/METCO

Date of Abandonment: 7/25/2006

Signature of Person Doing Work: E Dahl

Date Signed: 8/24/06

Street or Route: 2956 Airport Road

Telephone Number: (608)781-8879

City, State, Zip Code: La Crosse WI 54603-

FOR DNR OR COUNTY USE ONLY

Date Received: _____ Noted By: _____

Comments: _____

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5P 2/2000

Notice: Please complete Form 3300-5P and return it to the appropriate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

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

(1) GENERAL INFORMATION

WI Unique Well No.	DNR Well ID No.	County
14	NA	Richland

Common Well Name _____ Gov't Lot (If applicable) _____

Grid Location ___ 1/4 of ___ 1/4 of Sec. ___ ; T. ___ N; R. ___ ☐ E ☐ W

___ ft. ☐ N. ☐ S., ___ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat. ° ' " Long ° ' " or

St. Plane ___ ft. N. ___ ft. E. ☐ S ☐ C ☐ N Zone

Reason For Abandonment: Demolition of Building

WI Unique Well No. of Replacement Well: NA

(2) FACILITY/OWNER INFORMATION

Facility Name: Fred Anderson Property (Brownfield)

Facility ID | License/Permit/Monitoring No.

Street Address of Well: 15638 Hwy 80

City, Village, or Town: Richland Center WI (Henrietta)

Present Well Owner: Richland County | Original Owner: NA

Street Address or Route of Owner: 1100 Hwy 14 West

City, State, Zip Code: Richland Center WI 53581

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date _____

☐ Monitoring Well
☒ Water Well
☐ Borehole / Drillhole

If a Well Construction Report is available, please attach.

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

Formation Type:
☐ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 27 (From groundsurface) Casing Diameter (in.) 1 1/4

Casing Depth (ft.) _____

Lower Drillhole Diameter (in.) _____

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown

If Yes, To What Depth? _____ Feet

Depth to Water (Feet) 8'

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☒ Yes	☐ No	
Was Casing Cut Off Below Surface?	☐ Yes	☒ No	
Did Sealing Material Rise to Surface?	☒ Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	☒ No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

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

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

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
☐ Granular Bentonite
☐ Bentonite - Cement Grout
☐ Bentonite - Sand Slurry

(5) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Portland Cement	Surface	29'	1	

(6) Comments: 1 1/4 driven point Static water 8'

(7) Name of Person or Firm Doing Sealing Work: Stover Pump System Inc | Date of Abandonment: 8-29-06

Signature of Person Doing Work | Date Signed: 8-29-06

Street or Route: 24223 Hwy 58 | Telephone Number: (608) 647-3088

City, State, Zip Code: Richland Center WI 53581

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

WELL/DRILL/BOREHOLE OWNER

Appendix D/ Laboratory Report

Synergy Environmental Lab, Inc.

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

ERIC DAHL
METCO
2956 Airport Road
La Crosse, WI 54603

Report *09-Aug-06*

Project Name FRED ANDERSON PROPERTY **Invoice #** E13870
Project #

Lab 5013870A
Sample ID MEOH BLANK
Sample Soil
Sample Date 7/25/2006

	Result	Unit	LOD	LOQ	Dil	Method	Run	Analyst	Code
Organic									
GRO/PVOC									
Gasoline Range Organics	<10	mg/kg	3.15	10	1	GRO95/8021	8/2/2006	CJR	1
Benzene	<25	ug/kg	6	19	1	GRO95/8021	8/2/2006	CJR	1
Ethylbenzene	<25	ug/kg	5.9	19	1	GRO95/8021	8/2/2006	CJR	1
Methyl tert-butyl ether (MTBE)	<25	ug/kg	15	47	1	GRO95/8021	8/2/2006	CJR	1
Toluene	<25	ug/kg	7.6	24	1	GRO95/8021	8/2/2006	CJR	1
1,2,4-Trimethylbenzene	<25	ug/kg	9.2	29	1	GRO95/8021	8/2/2006	CJR	1
1,3,5-Trimethylbenzene	<25	ug/kg	6.2	20	1	GRO95/8021	8/2/2006	CJR	1
m&p-Xylene	<50	ug/kg	13	42	1	GRO95/8021	8/2/2006	CJR	1
o-Xylene	<25	ug/kg	17	54	1	GRO95/8021	8/2/2006	CJR	1

Lab 5013870B
Sample ID TRIP BLANK
Sample Water
Sample Date 7/25/2006

	Result	Unit	LOD	LOQ	Dil	Method	Run	Analyst	Code
Organic									
GRO/PVOC									
Benzene	<0.17	ug/l	0.17	0.53	1	GRO95/8021	8/1/2006	CJR	1
Ethylbenzene	<1	ug/l	1	3.3	1	GRO95/8021	8/1/2006	CJR	1
Methyl tert-butyl ether (MTBE)	<0.52	ug/l	0.52	1.6	1	GRO95/8021	8/1/2006	CJR	1
Toluene	<0.78	ug/l	0.78	2.5	1	GRO95/8021	8/1/2006	CJR	1
1,2,4-Trimethylbenzene	<0.85	ug/l	0.85	2.7	1	GRO95/8021	8/1/2006	CJR	1
1,3,5-Trimethylbenzene	<1.1	ug/l	1.1	3.4	1	GRO95/8021	8/1/2006	CJR	1
m&p-Xylene	<2	ug/l	2	6.4	1	GRO95/8021	8/1/2006	CJR	1
o-Xylene	<0.84	ug/l	0.84	2.7	1	GRO95/8021	8/1/2006	CJR	1

Project Name FRED ANDERSON PROPERTY **Invoice #** E13870
Project #

Lab 5013870C
Sample ID G-1-1
Sample Soil
Sample Date 7/25/2006

	Result	Unit	LOD	LOQ	Dil	Method	Run	Analyst	Code
General									
General									
Solids Percent	78.9	%			1	5021	7/28/2006	CJR	1
Inorganic									
Metals									
Lead, Total	110	mg/kg	0.012	0.25	1	SW846 7421	8/2/2006	CWT	1
Organic									
General									
Gasoline Range Organics	10100	mg/kg	157.5	500	50	GRO95/8021	8/3/2006	CJR	1
VOC's									
Benzene	2560	ug/kg	520	1600	100	8260B	8/8/2006	CJR	1
Bromobenzene	<2500	ug/kg	2100	6600	100	8260B	8/8/2006	CJR	1
Bromodichloromethane	<2500	ug/kg	1300	4200	100	8260B	8/8/2006	CJR	1
Bromoform	<2500	ug/kg	1500	4800	100	8260B	8/8/2006	CJR	1
tert-Butylbenzene	<2500	ug/kg	560	1800	100	8260B	8/8/2006	CJR	1
sec-Butylbenzene	14400	ug/kg	800	2600	100	8260B	8/8/2006	CJR	1
n-Butylbenzene	77000	ug/kg	2000	6500	100	8260B	8/8/2006	CJR	1
Carbon Tetrachloride	<2500	ug/kg	870	2800	100	8260B	8/8/2006	CJR	1
Chlorobenzene	<2500	ug/kg	1100	3500	100	8260B	8/8/2006	CJR	1
Chloroethane	<2500	ug/kg	1300	4200	100	8260B	8/8/2006	CJR	1
Chloroform	<2500	ug/kg	590	1900	100	8260B	8/8/2006	CJR	1
Chloromethane	<2500	ug/kg	840	2700	100	8260B	8/8/2006	CJR	1
2-Chlorotoluene	<2500	ug/kg	510	1600	100	8260B	8/8/2006	CJR	1
4-Chlorotoluene	<2500	ug/kg	1700	5300	100	8260B	8/8/2006	CJR	1
1,2-Dibromo-3-chloropropane	<2500	ug/kg	1900	6100	100	8260B	8/8/2006	CJR	1
Dibromochloromethane	<2500	ug/kg	1700	5400	100	8260B	8/8/2006	CJR	1
1,4-Dichlorobenzene	<2500	ug/kg	2200	7200	100	8260B	8/8/2006	CJR	1
1,3-Dichlorobenzene	<2500	ug/kg	1900	5900	100	8260B	8/8/2006	CJR	1
1,2-Dichlorobenzene	<2500	ug/kg	2000	6400	100	8260B	8/8/2006	CJR	1
Dichlorodifluoromethane	<2500	ug/kg	1000	3200	100	8260B	8/8/2006	CJR	1
1,2-Dichloroethane	<2500	ug/kg	1100	3600	100	8260B	8/8/2006	CJR	1
1,1-Dichloroethane	<2500	ug/kg	900	2900	100	8260B	8/8/2006	CJR	1
1,1-Dichloroethene	<2500	ug/kg	1500	4800	100	8260B	8/8/2006	CJR	1
cis-1,2-Dichloroethene	<2500	ug/kg	1600	5100	100	8260B	8/8/2006	CJR	1
trans-1,2-Dichloroethene	<2500	ug/kg	890	2800	100	8260B	8/8/2006	CJR	1
1,2-Dichloropropane	<2500	ug/kg	1100	3400	100	8260B	8/8/2006	CJR	1
2,2-Dichloropropane	<2500	ug/kg	1800	5700	100	8260B	8/8/2006	CJR	1
1,3-Dichloropropane	<2500	ug/kg	1400	4500	100	8260B	8/8/2006	CJR	1
Di-isopropyl ether	<2500	ug/kg	390	1200	100	8260B	8/8/2006	CJR	1
EDB (1,2-Dibromoethane)	<2500	ug/kg	1500	4900	100	8260B	8/8/2006	CJR	1
Ethylbenzene	151000	ug/kg	980	3100	100	8260B	8/8/2006	CJR	1
Hexachlorobutadiene	<2500	ug/kg	1200	3800	100	8260B	8/8/2006	CJR	1
Isopropylbenzene	24000	ug/kg	1200	3900	100	8260B	8/8/2006	CJR	1
p-Isopropyltoluene	6700	ug/kg	1500	4700	100	8260B	8/8/2006	CJR	1
Methylene chloride	<2500	ug/kg	1900	6100	100	8260B	8/8/2006	CJR	1
Methyl tert-butyl ether (MTBE)	<2500	ug/kg	1700	5500	100	8260B	8/8/2006	CJR	1
Naphthalene	113000	ug/kg	1600	5200	100	8260B	8/8/2006	CJR	1
n-Propylbenzene	108000	ug/kg	1200	4000	100	8260B	8/8/2006	CJR	1
1,1,2,2-Tetrachloroethane	<2500	ug/kg	1500	4800	100	8260B	8/8/2006	CJR	1
1,1,1,2-Tetrachloroethane	<2500	ug/kg	2400	7600	100	8260B	8/8/2006	CJR	1
Tetrachloroethene	<2500	ug/kg	1800	5800	100	8260B	8/8/2006	CJR	1
Toluene	6500	ug/kg	1200	3900	100	8260B	8/8/2006	CJR	1
1,2,4-Trichlorobenzene	<2500	ug/kg	2500	8000	100	8260B	8/8/2006	CJR	1
1,2,3-Trichlorobenzene	<2500	ug/kg	1100	3500	100	8260B	8/8/2006	CJR	1

Project Name FRED ANDERSON PROPERTY **Invoice #** E13870
Project #

Lab 5013870C
Sample ID G-1-1
Sample Soil
Sample Date 7/25/2006

	Result	Unit	LOD	LOQ	Dil	Method	Run	Analyst	Code
1,1,1-Trichloroethane	<2500	ug/kg	2100	6600	100	8260B	8/8/2006	CJR	1
1,1,2-Trichloroethane	<2500	ug/kg	1800	5700	100	8260B	8/8/2006	CJR	1
Trichloroethene (TCE)	<2500	ug/kg	2000	6300	100	8260B	8/8/2006	CJR	1
Trichlorofluoromethane	<2500	ug/kg	1100	3500	100	8260B	8/8/2006	CJR	1
1,2,4-Trimethylbenzene	800000	ug/kg	790	2500	100	8260B	8/8/2006	CJR	1
1,3,5-Trimethylbenzene	233000	ug/kg	860	2700	100	8260B	8/8/2006	CJR	1
Vinyl Chloride	<2500	ug/kg	550	1800	100	8260B	8/8/2006	CJR	1
m&p-Xylene	810000	ug/kg	1700	5300	100	8260B	8/8/2006	CJR	1
o-Xylene	140000	ug/kg	880	2800	100	8260B	8/8/2006	CJR	1

Lab 5013870D
Sample ID G-1-W
Sample Water
Sample Date 7/25/2006

	Result	Unit	LOD	LOQ	Dil	Method	Run	Analyst	Code
Organic									
GRO/PVOC									
Gasoline Range Organics	29100	ug/l	1550	4950	50	GRO95/8021	8/3/2006	CJR	1
Benzene	179	ug/l	8.5	26.5	50	GRO95/8021	8/3/2006	CJR	1
Ethylbenzene	1280	ug/l	50	165	50	GRO95/8021	8/3/2006	CJR	1
Methyl tert-butyl ether (MTBE)	<26	ug/l	26	80	50	GRO95/8021	8/3/2006	CJR	1
Toluene	80 "J"	ug/l	39	125	50	GRO95/8021	8/3/2006	CJR	1
1,2,4-Trimethylbenzene	3300	ug/l	42.5	135	50	GRO95/8021	8/3/2006	CJR	1
1,3,5-Trimethylbenzene	920	ug/l	55	170	50	GRO95/8021	8/3/2006	CJR	1
m&p-Xylene	5400	ug/l	100	320	50	GRO95/8021	8/3/2006	CJR	1
o-Xylene	460	ug/l	42	135	50	GRO95/8021	8/3/2006	CJR	1

Lab 5013870E
Sample ID G-2-1
Sample Soil
Sample Date 7/25/2006

	Result	Unit	LOD	LOQ	Dil	Method	Run	Analyst	Code
General									
General									
Solids Percent	94.3	%			1	5021	7/28/2006	CJR	1
Inorganic									
Metals									
Lead, Total	6.2	mg/kg	0.012	0.25	1	SW846 7421	8/2/2006	CWT	1
Organic									
GRO/PVOC + Naphthalene									
Gasoline Range Organics	<10	mg/kg	3.15	10	1	GRO95/8021	8/3/2006	CJR	1
Benzene	<25	ug/kg	6	19	1	GRO95/8021	8/3/2006	CJR	1
Ethylbenzene	<25	ug/kg	5.9	19	1	GRO95/8021	8/3/2006	CJR	1
Methyl tert-butyl ether (MTBE)	<25	ug/kg	15	47	1	GRO95/8021	8/3/2006	CJR	1
Naphthalene	<25	ug/kg	20	63	1	GRO95/8021	8/3/2006	CJR	1
Toluene	<25	ug/kg	7.6	24	1	GRO95/8021	8/3/2006	CJR	1
1,2,4-Trimethylbenzene	80	ug/kg	9.2	29	1	GRO95/8021	8/3/2006	CJR	1
1,3,5-Trimethylbenzene	33	ug/kg	6.2	20	1	GRO95/8021	8/3/2006	CJR	1
m&p-Xylene	81	ug/kg	13	42	1	GRO95/8021	8/3/2006	CJR	1
o-Xylene	25.2 "J"	ug/kg	17	54	1	GRO95/8021	8/3/2006	CJR	1

Project Name FRED ANDERSON PROPERTY **Invoice #** E13870
Project #

Lab 5013870H
Sample ID G-3-W
Sample Water
Sample Date 7/25/2006

	Result	Unit	LOD	LOQ	Dil	Method	Run	Analyst	Code
m&p-Xylene	<2	ug/l	2	6.4	1	GRO95/8021	8/8/2006	CJR	1
o-Xylene	<0.84	ug/l	0.84	2.7	1	GRO95/8021	8/8/2006	CJR	1

Lab 5013870I
Sample ID G-4-1
Sample Soil
Sample Date 7/25/2006

	Result	Unit	LOD	LOQ	Dil	Method	Run	Analyst	Code
General									
General									
Solids Percent	88.0	%			1	5021	7/28/2006	CJR	1
Inorganic									
Metals									
Lead, Total	19	mg/kg	0.012	0.25	1	SW846 7421	8/2/2006	CWT	1
Organic									
GRO/PVOC + Naphthalene									
Gasoline Range Organics	<10	mg/kg	3.15	10	1	GRO95/8021	8/3/2006	CJR	1
Benzene	102	ug/kg	6	19	1	GRO95/8021	8/3/2006	CJR	1
Ethylbenzene	77	ug/kg	5.9	19	1	GRO95/8021	8/3/2006	CJR	1
Methyl tert-butyl ether (MTBE)	<25	ug/kg	15	47	1	GRO95/8021	8/3/2006	CJR	1
Naphthalene	<25	ug/kg	20	63	1	GRO95/8021	8/3/2006	CJR	1
Toluene	42	ug/kg	7.6	24	1	GRO95/8021	8/3/2006	CJR	1
1,2,4-Trimethylbenzene	101	ug/kg	9.2	29	1	GRO95/8021	8/3/2006	CJR	1
1,3,5-Trimethylbenzene	47	ug/kg	6.2	20	1	GRO95/8021	8/3/2006	CJR	1
m&p-Xylene	159	ug/kg	13	42	1	GRO95/8021	8/3/2006	CJR	1
o-Xylene	26.4 "J"	ug/kg	17	54	1	GRO95/8021	8/3/2006	CJR	1

Lab 5013870J
Sample ID G-4-W
Sample Water
Sample Date 7/25/2006

	Result	Unit	LOD	LOQ	Dil	Method	Run	Analyst	Code
Organic									
GRO/PVOC									
Gasoline Range Organics	650	ug/l	31	99	1	GRO95/8021	8/3/2006	CJR	1
Benzene	137	ug/l	0.17	0.53	1	GRO95/8021	8/3/2006	CJR	1
Ethylbenzene	12.4	ug/l	1	3.3	1	GRO95/8021	8/3/2006	CJR	1
Methyl tert-butyl ether (MTBE)	<0.52	ug/l	0.52	1.6	1	GRO95/8021	8/3/2006	CJR	1
Toluene	4.1	ug/l	0.78	2.5	1	GRO95/8021	8/3/2006	CJR	1
1,2,4-Trimethylbenzene	3.7	ug/l	0.85	2.7	1	GRO95/8021	8/3/2006	CJR	1
1,3,5-Trimethylbenzene	2.16 "J"	ug/l	1.1	3.4	1	GRO95/8021	8/3/2006	CJR	1
m&p-Xylene	10.6	ug/l	2	6.4	1	GRO95/8021	8/3/2006	CJR	1
o-Xylene	2.07 "J"	ug/l	0.84	2.7	1	GRO95/8021	8/3/2006	CJR	1

Project Name FRED ANDERSON PROPERTY **Invoice #** E13870
Project #

Lab 5013870K
Sample ID G-5-1
Sample Soil
Sample Date 7/25/2006

	Result	Unit	LOD	LOQ	Dil	Method	Run	Analyst	Code
General									
General									
Solids Percent	77.7	%			1	5021	7/28/2006	CJR	1
Inorganic									
Metals									
Lead, Total	550	mg/kg	0.012	0.25	1	SW846 7421	8/2/2006	CWT	1
Organic									
GRO/PVOC + Naphthalene									
Gasoline Range Organics	< 10	mg/kg	3.15	10	1	GRO95/8021	8/4/2006	CJR	1
Benzene	71	ug/kg	5.9	6	19	GRO95/8021	8/4/2006	CJR	1
Ethylbenzene	38	ug/kg	5.9	19	1	GRO95/8021	8/4/2006	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	15	47	1	GRO95/8021	8/4/2006	CJR	1
Naphthalene	55 "J"	ug/kg	20	63	1	GRO95/8021	8/4/2006	CJR	1
Toluene	35	ug/kg	7.6	24	1	GRO95/8021	8/4/2006	CJR	1
1,2,4-Trimethylbenzene	186	ug/kg	9.2	29	1	GRO95/8021	8/4/2006	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	6.2	20	1	GRO95/8021	8/4/2006	CJR	1
m&p-Xylene	104	ug/kg	13	42	1	GRO95/8021	8/4/2006	CJR	1
o-Xylene	< 25	ug/kg	17	54	1	GRO95/8021	8/4/2006	CJR	1

Lab 5013870L
Sample ID G-5-W
Sample Water
Sample Date 7/25/2006

	Result	Unit	LOD	LOQ	Dil	Method	Run	Analyst	Code
Organic									
GRO/PVOC									
Gasoline Range Organics	13700	ug/l	3100	9900	100	GRO95/8021	8/3/2006	CJR	1
Benzene	320	ug/l	17	53	100	GRO95/8021	8/3/2006	CJR	1
Ethylbenzene	470	ug/l	100	330	100	GRO95/8021	8/3/2006	CJR	1
Methyl tert-butyl ether (MTBE)	< 52	ug/l	52	160	100	GRO95/8021	8/3/2006	CJR	1
Toluene	219 "J"	ug/l	78	250	100	GRO95/8021	8/3/2006	CJR	1
1,2,4-Trimethylbenzene	700	ug/l	85	270	100	GRO95/8021	8/3/2006	CJR	1
1,3,5-Trimethylbenzene	233 "J"	ug/l	110	340	100	GRO95/8021	8/3/2006	CJR	1
m&p-Xylene	1000	ug/l	200	640	100	GRO95/8021	8/3/2006	CJR	1
o-Xylene	158 "J"	ug/l	84	270	100	GRO95/8021	8/3/2006	CJR	1

Lab 5013870M
Sample ID G-6-1
Sample Soil
Sample Date 7/25/2006

	Result	Unit	LOD	LOQ	Dil	Method	Run	Analyst	Code
General									
General									
Solids Percent	82.2	%			1	5021	7/28/2006	CJR	1
Inorganic									
Metals									
Lead, Total	64	mg/kg	0.012	0.25	1	SW846 7421	8/2/2006	CWT	1
Organic									
GRO/PVOC + Naphthalene									

Project Name FRED ANDERSON PROPERTY **Invoice #** E13870
Project #

Lab 5013870M
Sample ID G-6-1
Sample Soil
Sample Date 7/25/2006

	Result	Unit	LOD	LOQ	Dil	Method	Run	Analyst	Code
Gasoline Range Organics	340	mg/kg	3.15	10	1	GRO95/8021	8/4/2006	CJR	1
Benzene	870	ug/kg	6	19	1	GRO95/8021	8/4/2006	CJR	1
Ethylbenzene	1190	ug/kg	5.9	19	1	GRO95/8021	8/4/2006	CJR	1
Methyl tert-butyl ether (MTBE)	<25	ug/kg	15	47	1	GRO95/8021	8/4/2006	CJR	1
Naphthalene	2210	ug/kg	20	63	1	GRO95/8021	8/4/2006	CJR	1
Toluene	380	ug/kg	7.6	24	1	GRO95/8021	8/4/2006	CJR	1
1,2,4-Trimethylbenzene	15600	ug/kg	9.2	29	1	GRO95/8021	8/4/2006	CJR	1
1,3,5-Trimethylbenzene	7100	ug/kg	6.2	20	1	GRO95/8021	8/4/2006	CJR	1
m&p-Xylene	2660	ug/kg	13	42	1	GRO95/8021	8/4/2006	CJR	1
o-Xylene	270	ug/kg	17	54	1	GRO95/8021	8/4/2006	CJR	1

Lab 5013870N
Sample ID G-6-W
Sample Water
Sample Date 7/25/2006

	Result	Unit	LOD	LOQ	Dil	Method	Run	Analyst	Code
Organic									
GRO/PVOC									
Gasoline Range Organics	40000	ug/l	3100	9900	100	GRO95/8021	8/3/2006	CJR	1
Benzene	410	ug/l	17	53	100	GRO95/8021	8/3/2006	CJR	1
Ethylbenzene	3500	ug/l	100	330	100	GRO95/8021	8/3/2006	CJR	1
Methyl tert-butyl ether (MTBE)	<52	ug/l	52	160	100	GRO95/8021	8/3/2006	CJR	1
Toluene	4100	ug/l	78	250	100	GRO95/8021	8/3/2006	CJR	1
1,2,4-Trimethylbenzene	2260	ug/l	85	270	100	GRO95/8021	8/3/2006	CJR	1
1,3,5-Trimethylbenzene	620	ug/l	110	340	100	GRO95/8021	8/3/2006	CJR	1
m&p-Xylene	10000	ug/l	200	640	100	GRO95/8021	8/3/2006	CJR	1
o-Xylene	3300	ug/l	84	270	100	GRO95/8021	8/3/2006	CJR	1

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Code	*Comment*
1	Laboratory QC within limits.
49	Sample diluted to compensate for matrix interference.

Authorized Signature Michael J. Ricker

CHAIN O[illegible] CUSTODY RECORD

Synergy Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Chain # № [illegible] 812

Page 1 of 2

Sample Handling Request
___ Rush Analysis Date Required ____
(Rushes accepted only with prior authorization)
X Normal Turn Around

Lab I.D. #	
Account No.:	Quote No.:
Project #:	
Sampler: (signature) [signature]	
Project (Name / Location): Fred Anderson Property	
Reports To: Eric Dahl	Invoice To: Same
Company: METCO	Company:
Address: 2956 Airport Road	Address:
City State Zip: La Crosse WI 54603	City State Zip:
Phone: (608) 781-8879	Phone:
FAX:	FAX:

Analysis Requested / **Other Analysis**

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	PVOC (EPA 8021)	VOC (EPA 8260)	VOC DW (EPA 524.2)	PAH (EPA 8270)	Total Suspended Solids	Lead	Naphthalene	% Solids	PID/FID
S01381A	Methanol Blank	7/25/06		8:00			1		Methanol		X	X								
B	Trip Blank	↓		8:15			1		HCl		X	X								
C	G-1-1			9:05	X	X	3	S	Methanol		X		X				X		X	
D	G-1-W			10:00	↓	↓	↓	GW	HCl		X	X								
E	G-2-1			11:00				S	Methanol		X	X					X	X	X	
F	G-2-W			1:30				GW	HCl		X	X								
G	G-3-1			2:00				S	Methanol		X	X					X	X	X	
H	G-3-W			2:30				GW	HCl		X	X								
I	G-4-1			3:00				S	Methanol		X	X					X	X	X	
J	G-4-W	↓		3:35	↓	↓	↓	GW	HCl		X	X								

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

Sample Integrity - To be completed by receiving lab.
Method of Shipment: Dahl
Temp. of Temp. Blank ___ °C On Ice: X
Cooler seal intact upon receipt: X Yes ___ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
[signature]	9:15AM	7/26/06			

Received in Laboratory By: [signature] Time: 8:15 Date: 7/27/07

CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Chain # № (813

Sample Handling Request

___ Rush Analysis Date Required ___
(Rushes accepted only with prior authorization)
X Normal Turn Around

Lab I.D. #	
Account No.	Quote No.
Project #	
Sampler: (signature)	E. Buck
Project (Name / Location)	Fred Anderson Property
Reports To: See Page 1	Invoice To: See Page 1
Company	Company
Address	Address
City State Zip	City State Zip
Phone	Phone
FAX	FAX

Analysis Requested / Other Analysis

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	PVOC (EPA 8021)	VOC (EPA 8260)	VOC DW (EPA 524.2)	PAH (EPA 8270)	Total Suspended Solids	Lead	Naphthalene	% Solids	PID/FID
[illegible]K	G-5-1	7/2[illegible]	4:10		X	N	3	S	Methanol		X	X					X	X	X	
L	G-5-W	↓	4:45		↓	↓	↓	GW	HCl		X	X								
M	G-6-1	↓	5:20		↓	↓	↓	S	Methanol		X	X					X	X	X	
N	G-6-W	↓	5:45		↓	↓	↓	GW	HCl		X	X								

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

Sample Integrity - To be completed by receiving lab.
Method of Shipment: [illegible]
Temp. of Temp. Blank ___ °C On Ice: X
Cooler seal intact upon receipt: X Yes ___ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
E. Buck	9:15 AM	7/26/06			

Received in Laboratory By: [signature] Time: 8:15 Date: 7/27/06