The following site is being submitted for inclusion into the GIS registry:

APR 28 2004

efiles

- To begin, click on cell to the right of; *This is a:*
- Use Tab, ↓ or Pg Down to navigate form. Print & include with file when completed.

This is a:	New Submittal
BRRTS ID (no dashes):	**0341169385**
Comm # (no dashes):	53218326935
Off-source property contamination? (If yes, attach locational data and deed information on pg. 2)	**N**
Right-of-way contamination?	**N**

Sub2 Reg APR 30 2004

MAY 07 2004

GPS Coordinates (meters in the **WTM91** projection)

Easting (X):	683909, 295956
Northing (Y):	
Collection Method:	DNR Website
Scale or Resolution:	1822

(1:24,000 scale or finer)

Environmental Associates

Joe Michaelchuck

Off Source Property #1:

GPS Coordinates (meters in the **WTM91** projection)

Easting (X):

Northing (Y):

☐ Off-source property notification letter (Appendix A) attached

☐ Copy of the most recent deed

Off Source Property #2:

GPS Coordinates (meters in the **WTM91** projection)

Easting (X):

Northing (Y):

☐ Off-source property notification letter (Appendix A) attached

☐ Copy of the most recent deed

Off Source Property #3:

GPS Coordinates (meters in the **WTM91** projection)

Easting (X):

Northing (Y):

☐ Off-source property notification letter (Appendix A) attached

☐ Copy of the most recent deed

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
101 West Pleasant Street, Suite 100A
Milwaukee, Wisconsin 53212-3963
TDD #: (608) 264-8777
Fax #: (414) 220-5374
http://www.commerce.state.wi.us
http://www.wisconsin.gov
Jim Doyle, Governor
Cory L. Nettles, Secretary

Wisconsin
Department of Commerce

June 12, 2003

Mr. Fredric Wein
PO Box 17396
Milwaukee, WI 53217

RE: **Conditional Case Closure**

Commerce # 53218-3269-35 WDNR BRRTS # 03-41-169385
Silver Terrace Strip Mall, 5821-5835 W. Silver Spring Dr., Milwaukee

Three fuel oil underground storage tanks removed/abandoned June 1997

Dear Mr. Wein:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure prepared by your consultant, Environmental Associates, Inc. It is understood that residual soil contamination remains on-site. Commerce has determined that this site does not pose a significant threat to the environment and human health. No further investigation or remedial action is necessary.

The following condition must be satisfied to obtain final closure:

- All monitoring wells must be properly abandoned and the appropriate documentation forwarded to me at the letterhead address.

This letter serves as your written notice of "no further action". Timely filing of your final PECFA claim (if applicable) is encouraged. If your claim is not received within 120 days of the date of this letter, interest costs incurred after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (414) 220-5375.

Sincerely,

Greg Michael
Hydrogeologist
Site Review Section

cc: Environmental Associates, Inc.
Case File

ERS-5524-E (R. 4/98)

000112287

STATE BAR OF WISCONSIN FORM 3 1998

QUIT CLAIM DEED

7894342

Document Number

REGISTER'S OFFICE
Milwaukee County, WI
RECORDED AT 9:45 AM
04-11-2000
WALTER R. BARCZAK
REGISTER OF DEEDS
AMOUNT 12.00

This Deed, made between FREDRIC M. WEIN, ANDREW ARENA, JAMES LEWENAUER, JOHN LEWENAUER and ROBERT LEWENAUER, Grantor,

and SILVER TERRACE SHOPPING CENTER, LLP, Grantee.

Grantor quit claims to Grantee the following described real estate in Milwaukee County, State of Wisconsin:

Legal description on attached rider.

Name and Return Address
Richard J. Rakita
735 North Water Street, #1100
Milwaukee, WI 53202-4105

190-1701-100-9
Parcel Identification Number (PIN)

This is not homestead property.
(is) (is not)

This is a confirmation pursuant to §178.40, Wis. Stats., to give notice of existing partnership converting to a limited liability partnership (LLP). The document is not a conveyance pursuant to §77.21(1), Wis. Stats., and is not subject to transfer return or fee.

Together with all appurtenant rights, title and interests.

Dated this 30th day of March, 2000

(SEAL)
• Fredric M. Wein

(SEAL)
• John Lewenauer

(SEAL)
• Robert Lewenauer

(SEAL)
• Andrew Arena

(SEAL)
• James Lewenauer

AUTHENTICATION

Signature(s) _____

authenticated this _____ day of _____, _____

• _____

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____
authorized by §706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
Richard J. Rakita, Attorney

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

State of Wisconsin, } ss.
MILWAUKEE County.

Personally came before me this 30th day of March, 2000, the above named Fredric M. Wein, John Lewenauer, Robert Lewenauer, Andrew Arena and James Lewenauer, to me known to be the person s who executed the foregoing instrument and acknowledge the same.

• Maxine E. Haas
Notary Public, State of Wisconsin
My commission is permanent. (If not, state expiration date: June 25, 2000)

* Names of persons signing in any capacity must be typed or printed below their signature.

2

QUIT CLAIM DEED — STATE BAR OF WISCONSIN FORM No. 3 - 1998 — Wisconsin Legal Blank Co., Inc. Milwaukee, Wis.

000112288

LEGAL DESCRIPTION

PARCEL I:

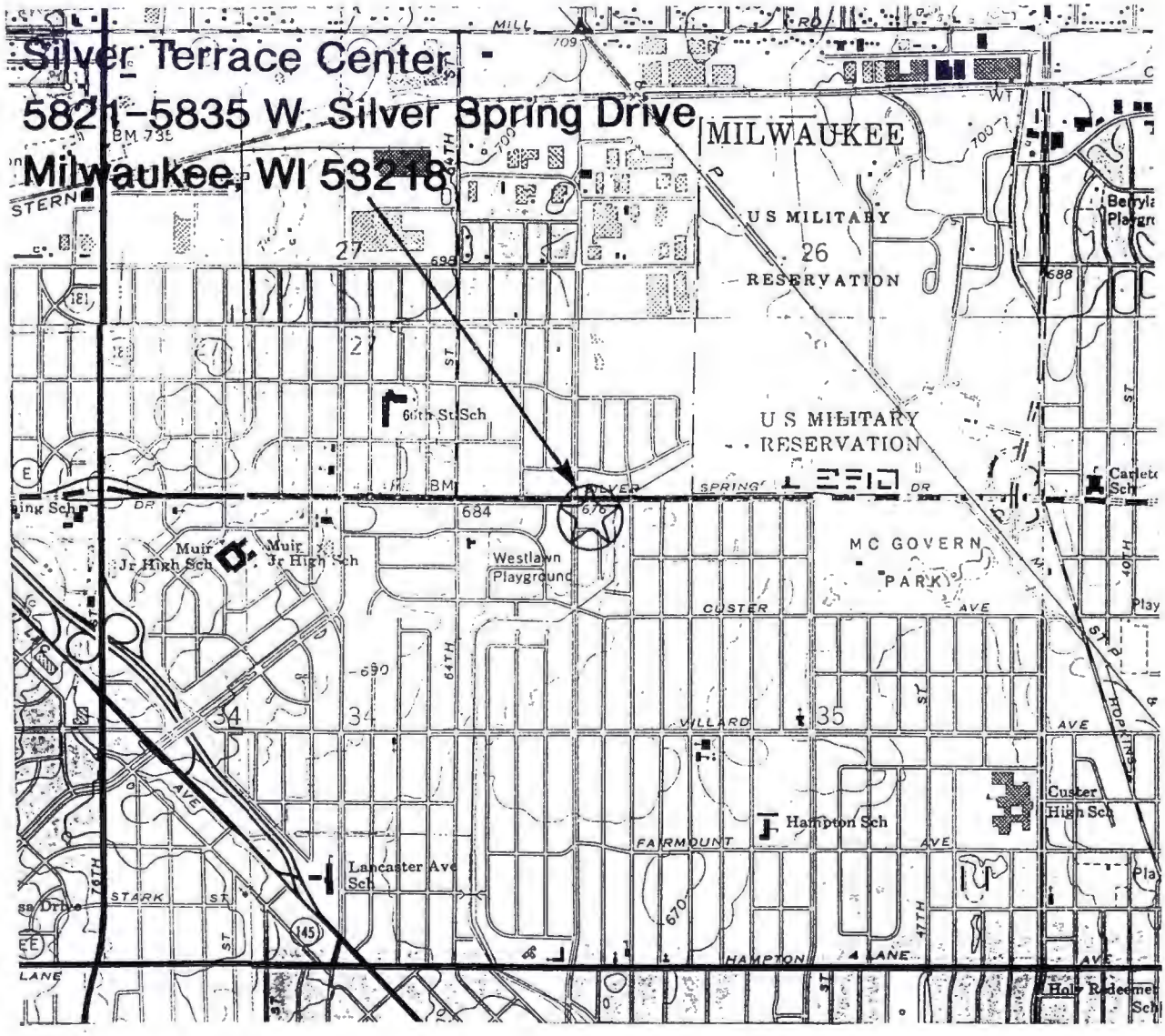
LOTS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 AND 11, IN BLOCK 1, INCLUDING ALL OF THE VACATED ALLEY LOCATED WITHIN SAID BLOCK 1, IN SILVER SPRING TERRACE, BEING A SUBDIVISION OF A PART OF THE NORTH WEST 1/4 OF SECTION 35, IN TOWNSHIP 8 NORTH, RANGE 21 EAST, IN THE CITY OF MILWAUKEE, COUNTY OF MILWAUKEE, STATE OF WISCONSIN.

PARCEL II:

THAT PART OF THE NORTH WEST 1/4 OF SECTION 35, IN TOWNSHIP 8 NORTH, RANGE 21 EAST, IN THE CITY OF MILWAUKEE, COUNTY OF MILWAUKEE AND STATE OF WISCONSIN, WHICH IS BOUNDED AND DESCRIBED AS FOLLOWS: COMMENCING AT THE NORTH WEST CORNER OF SAID 1/4 SECTION; RUNNING THENCE NORTH 88°30'26" EAST ALONG THE NORTH LINE OF SAID 1/4 SECTION 330.48 FEET TO A POINT; THENCE SOUTH 00°29'45" WEST ALONG THE EAST LINE OF BLOCK 1 IN SILVER SPRING TERRACE 180.00 FEET TO THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED; RUNNING THENCE SOUTH 00°29'45" WEST ALONG THE EAST LINE OF SAID BLOCK 1 IN SILVER SPRING TERRACE 230.00 FEET TO A POINT; THENCE NORTH 88°30'26" EAST AND PARALLEL TO THE NORTH LINE OF SAID 1/4 SECTION 165.00 FEET TO A POINT; THENCE NORTH 00°29'45" EAST AND PARALLEL TO THE EAST LINE OF BLOCK 1 IN SILVER SPRING TERRACE 230.00 FEET TO A POINT; THENCE SOUTH 88°30'26" WEST AND PARALLEL TO THE NORTH LINE OF SAID 1/4 SECTION 165.00 FEET TO THE POINT OF BEGINNING.

PARCEL III:

THAT PART OF THE NORTH WEST 1/4 OF SECTION 35, IN TOWNSHIP 8 NORTH, RANGE 21 EAST, IN THE CITY OF MILWAUKEE, COUNTY OF MILWAUKEE, STATE OF WISCONSIN, BOUNDED AND DESCRIBED AS FOLLOWS, TO-WIT: COMMENCING AT A POINT IN THE NORTH LINE OF SAID NORTH WEST 1/4 OF SECTION 35, 330.48 FEET EAST OF THE NORTH WEST CORNER OF SAID 1/4 SECTION, RUNNING THENCE EAST ALONG SAID NORTH LINE, 165.00 FEET TO A POINT; THENCE SOUTH 0°29'45" WEST, 180.00 FEET TO A POINT; THENCE WEST AND PARALLEL TO THE NORTH LINE OF SAID 1/4 SECTION, 165.0 FEET TO A POINT; THENCE NORTH 0°29'45" EAST, 180.00 FEET TO THE PLACE OF COMMENCEMENT, EXCEPTING THEREFROM THE NORTH 60 FEET FOR HIGHWAY PURPOSES, AND FURTHER EXCEPTING THAT PART CONVEYED TO THE SEWERAGE COMMISSION OF THE CITY OF MILWAUKEE BY DEED RECORDED JANUARY 31, 1956, IN VOLUME 3535, PAGE 303, AS DOCUMENT NO. 3464847.



SCALE 1:24000

1 1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

Contour Interval of 10 Feet

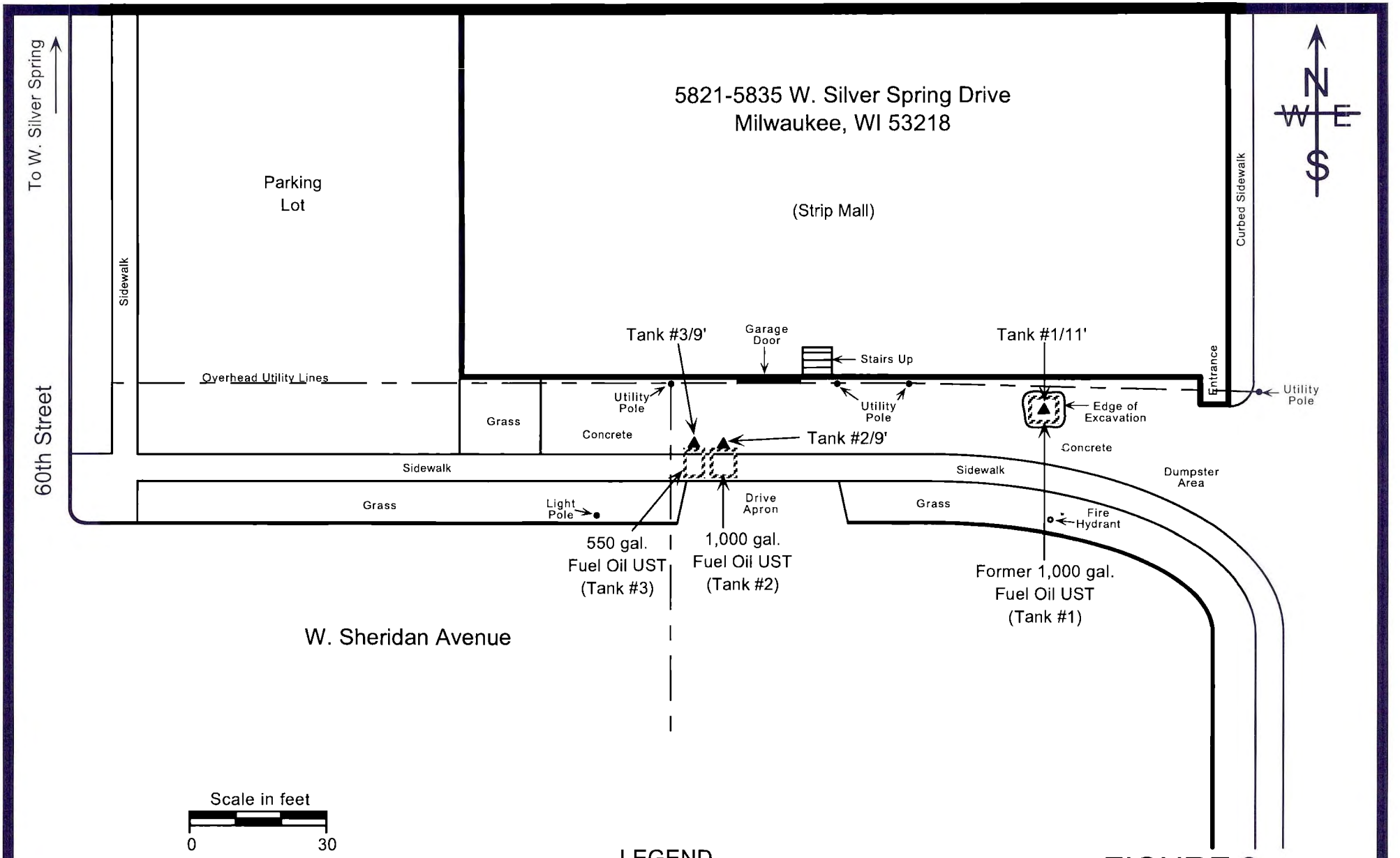
N
W E
S

QUADRANGLE LOCATION
Milwaukee Quadrangle

FIGURE 1
Site Location Map and Local Topography

Environmental Associates, Inc.

Drawn by:	RRG	*Drawing:*	98-06598-1
	4-24-98	*File:*	FIGURE 1



LEGEND

Tank# 1/11'▲ UST Closure Sample Name/ Depth Below Surface (ft)

FIGURE 2
Fuel Oil UST Locations and UST Closure Sample Locations

Environmental Associates, Inc.

Drawn by:	RRG	Checked by:			Drawing	98-06598-2
	6-30-97	Approved by:			File	598-ust1.cvs

Table 1: Summary of Soil Quality Analytical Results, Fuel Oil Tank Closure Assessment, Silver Terrace Center, 5821-5835 West Silver Spring Drive, Milwaukee, Wisconsin

Sample Location Sample Name Sampling Interval in Feet Soil Type Sample Collection Date		720.09 Generic Soil Standards	Tank #1 Tank #1 11' CL 6/26/97	Tank #2 Tank #2 9' CL 6/27/97	Tank #3 Tank #3 9' CL 6/27/97
Environmental Associates Results					
WDNR Modified TPH: **Diesel Range Organics (DRO)**	mg/kg	100	<10	460	1,900
Total Solids	%	--	82.4	81.8	81.4
Clayton Environmental Results					
WDNR Modified TPH: **Diesel Range Organics (DRO)**	mg/kg	100	<4.4	<6.0	<4.6
Total Solids	%	--	82.5	80.8	82.0
Photo-Ionization Detector (PID)	ppm i.u.	--	53	78	29

Footnotes:
PID = Photo-ionization Detector
mg/kg = Milligrams per kilogram
ppm = Parts per Million
i.u. = instrument units
"J" Flag = Analyte Detected Between
Laboratory Limit of Detection
and Limit of Quantitation
-- = Not Analyzed or No Established WAC NR
720.09 Soil Cleanup Standard

Table 3: Summary of Site Investigation Soil Quality Results, Silver Terrace Center, 5821-5835 West Silver Spring Drive, Milwaukee, Wisconsin

Sample Location		WAC NR	MW-5		MW-6		MW-7			MW-9				
Sample Name		720.09	MW-5(10-12)	MW-5(18-20)	MW-6(12-14)	MW-6(18-20)	MW-7(6-8)	MW-7(12-14)	MW-7(18-20)	MW-9(5-7)	MW-9(13-15)	MW-9(15-17)	MW-9(17-19)	TRIP
Sampling Interval in Feet		Soil	10-12'	18-20'	12-14'	18-20'	6-8'	12-14'	18-20'	5-7'	13-15'	15-17'	17-19'	--
Sample Collection Date	units	Standards	6/3/98	6/3/98	6/3/98	6/3/98	6/3/98	6/3/98	6/3/98	11/3/98	11/3/98	11/3/98	11/3/98	6/3/98
WDNR Modified TPH:														
Diesel Range Organics (DRO)	mg/kg	100	<10	<10	NT	NT	<10	<10	<10	--	<10	--	<10	--
Total Solids	%	--	88.7	82.1	--	--	82.7	83.9	83.2	--	87.6	--	87.6	--
Selected Petroleum Volatile Organic Compounds (VOC):														
Toluene	ug/kg	1,500	<25	<25	<25	<25	<25	<25	<25	<25	<25	--	<25	<25
Xylenes	ug/kg	4,100	<75	<75	<75	<75	<75	<75	<75	<75	<75	<75	<75	<75
Total Trimethylbenzenes	ug/kg	--	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Naphthalene	ug/kg	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Selected Solvent Volatile Organic Compounds (VOC):														
Vinyl Chloride	ug/kg	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	--	<25	<25
cis-1,2 Dichloroethene	ug/kg	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	--	140	<25
Trichloroethene	ug/kg	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	--	47	<25
Tetrachloroethene	ug/kg	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	--	<25	<25
Flame-Ionization Detector (FID)	i.u.	--	0	0	0	0	2.5	0	0	0	0	0	0	--

Footnotes

TPH – Total Petroleum Hydrocarbons

mg/kg - Milligrams per Kilogram

ug/kg = Micrograms per Kilogram

i.u. = Instrument Units

-- = Not Analyzed or No Established WAC NR 720.09 Soil Cleanup Standard

** = Combined Total Xylene Standard

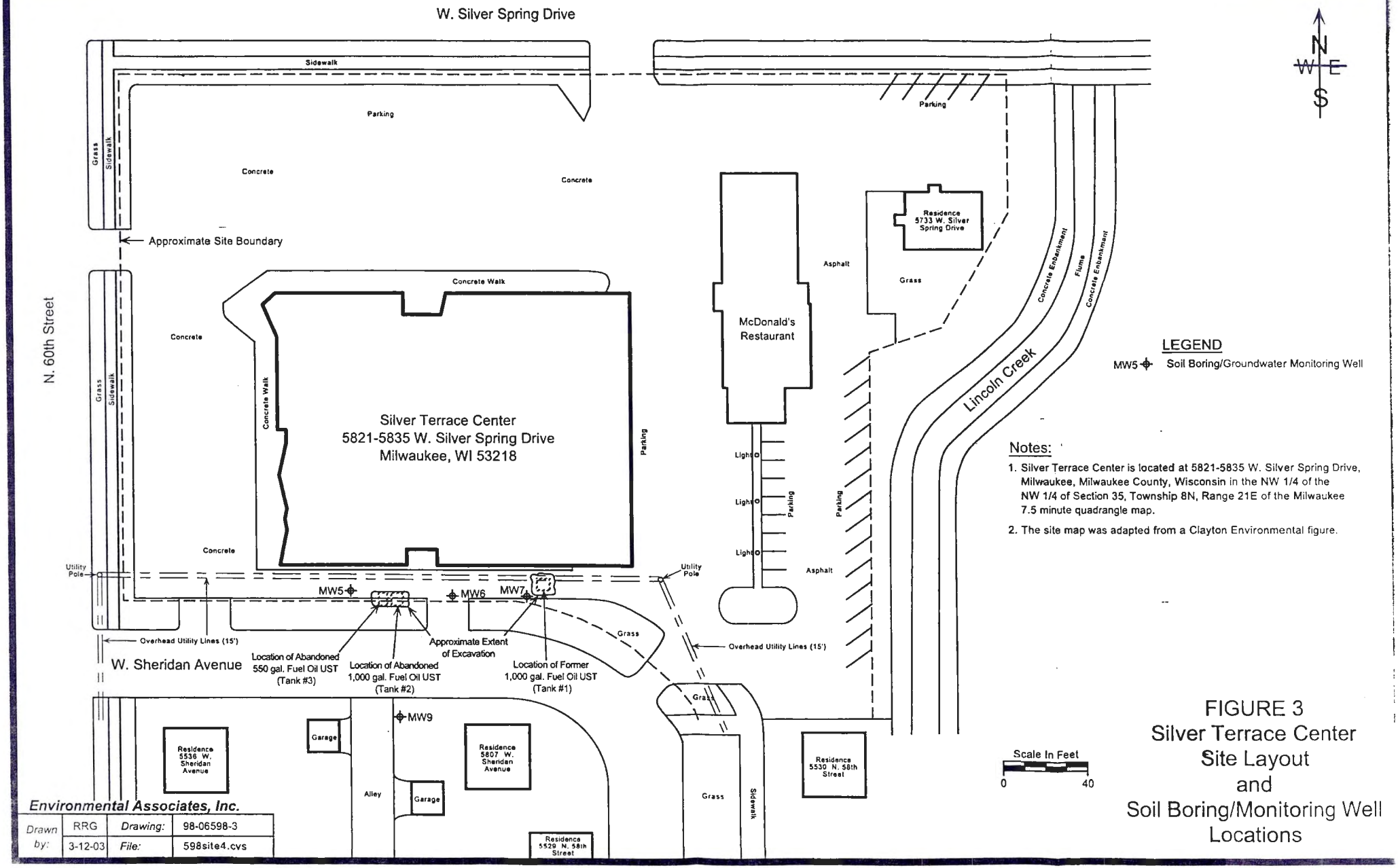
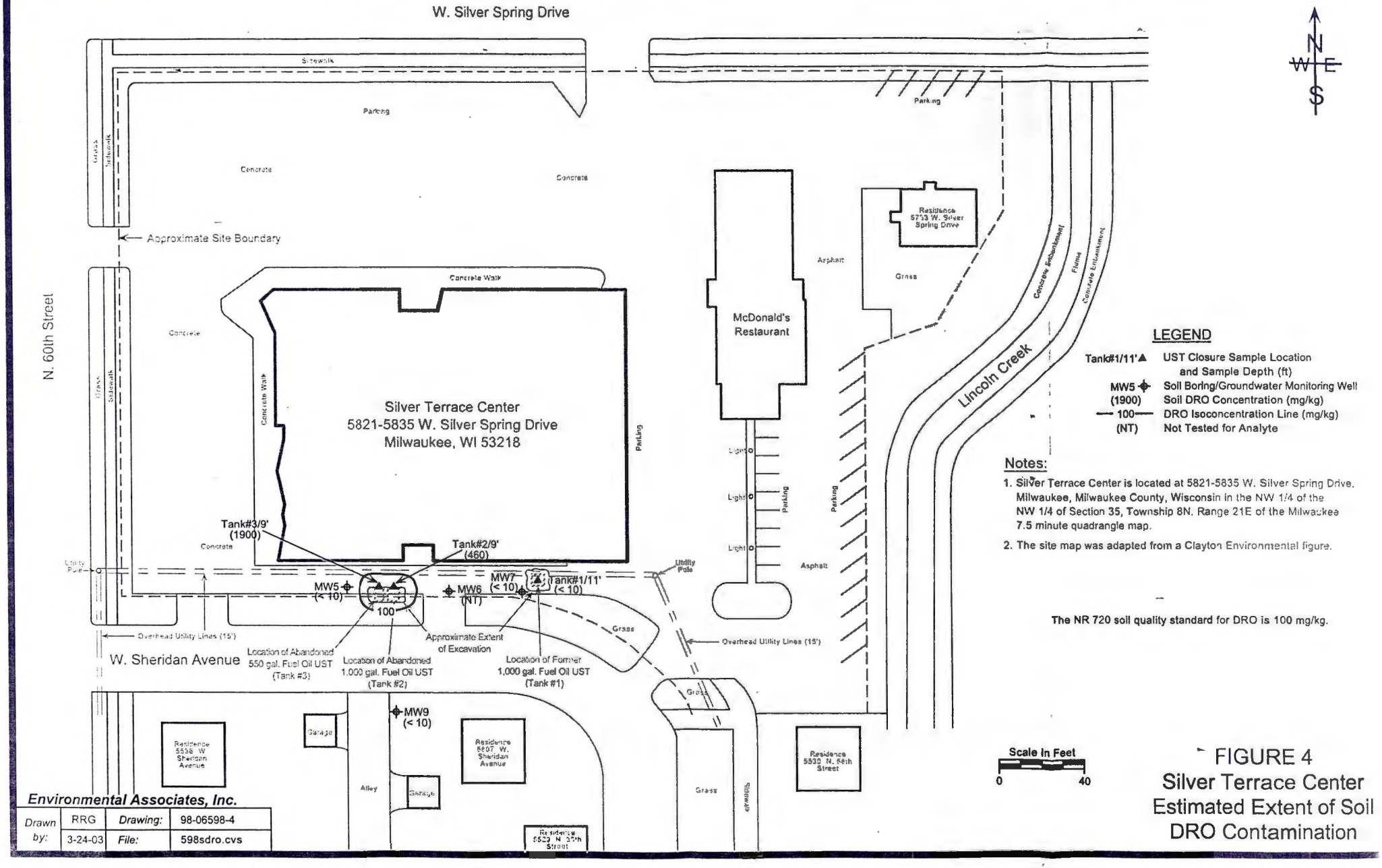


FIGURE 3
Silver Terrace Center
Site Layout
and
Soil Boring/Monitoring Well
Locations



LEGEND

Tank#1/11'▲	UST Closure Sample Location and Sample Depth (ft)
MW5 ⊕	Soil Boring/Groundwater Monitoring Well
(1900)	Soil DRO Concentration (mg/kg)
100	DRO Isoconcentration Line (mg/kg)
(NT)	Not Tested for Analyte

Notes:

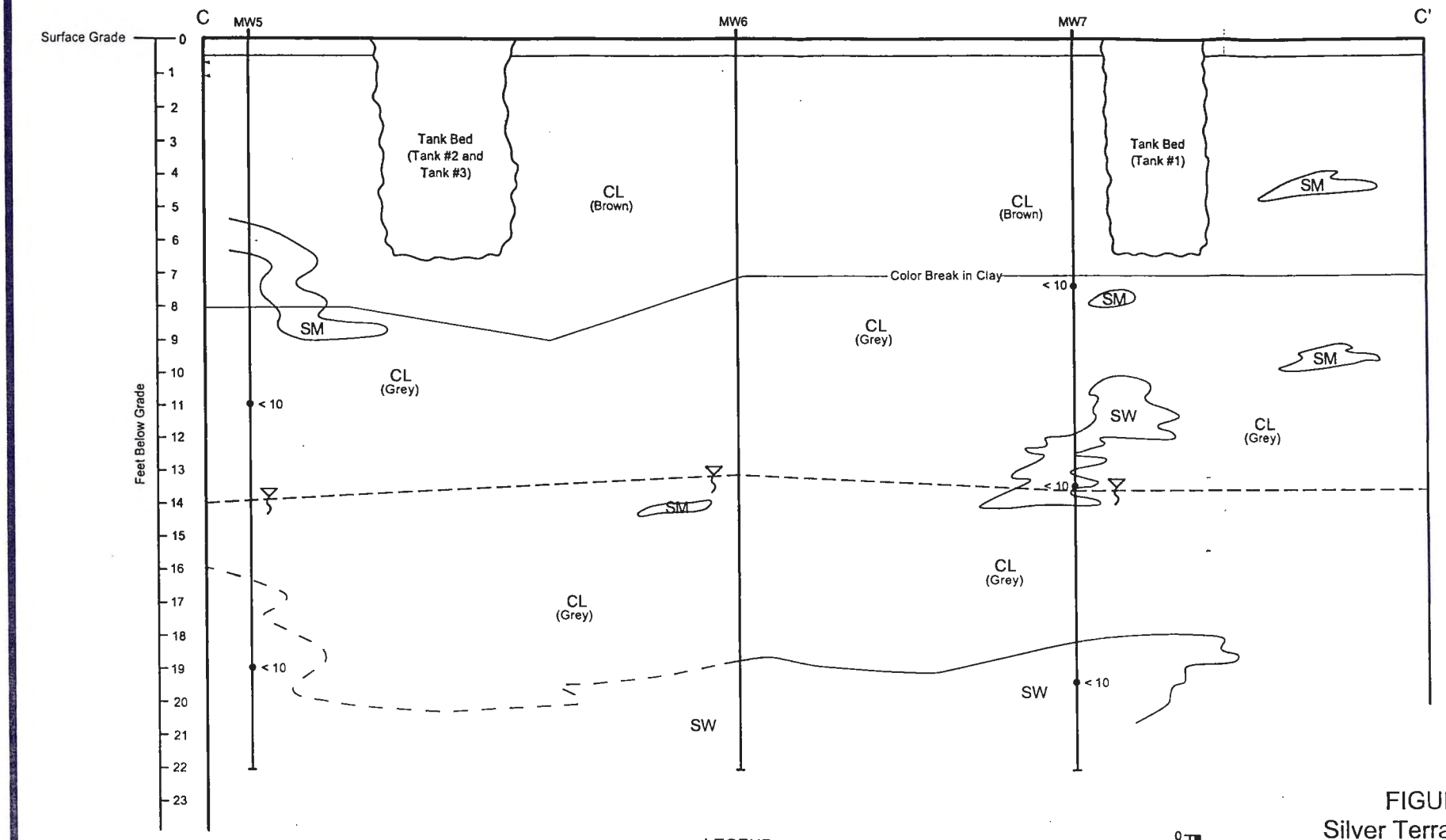
1. Silver Terrace Center is located at 5821-5835 W. Silver Spring Drive, Milwaukee, Milwaukee County, Wisconsin in the NW 1/4 of the NW 1/4 of Section 35, Township 8N, Range 21E of the Milwaukee 7.5 minute quadrangle map.
2. The site map was adapted from a Clayton Environmental figure.

The NR 720 soil quality standard for DRO is 100 mg/kg.

Environmental Associates, Inc.

Drawn by:	RRG	Drawing:	98-06598-4
	3-24-03	File:	598sdro.cvs

FIGURE 4
Silver Terrace Center
Estimated Extent of Soil DRO Contamination



LEGEND

< 10 ● Soil Sampling Point and DRO Concentration (mg/kg)

Groundwater Table (8/25/99)

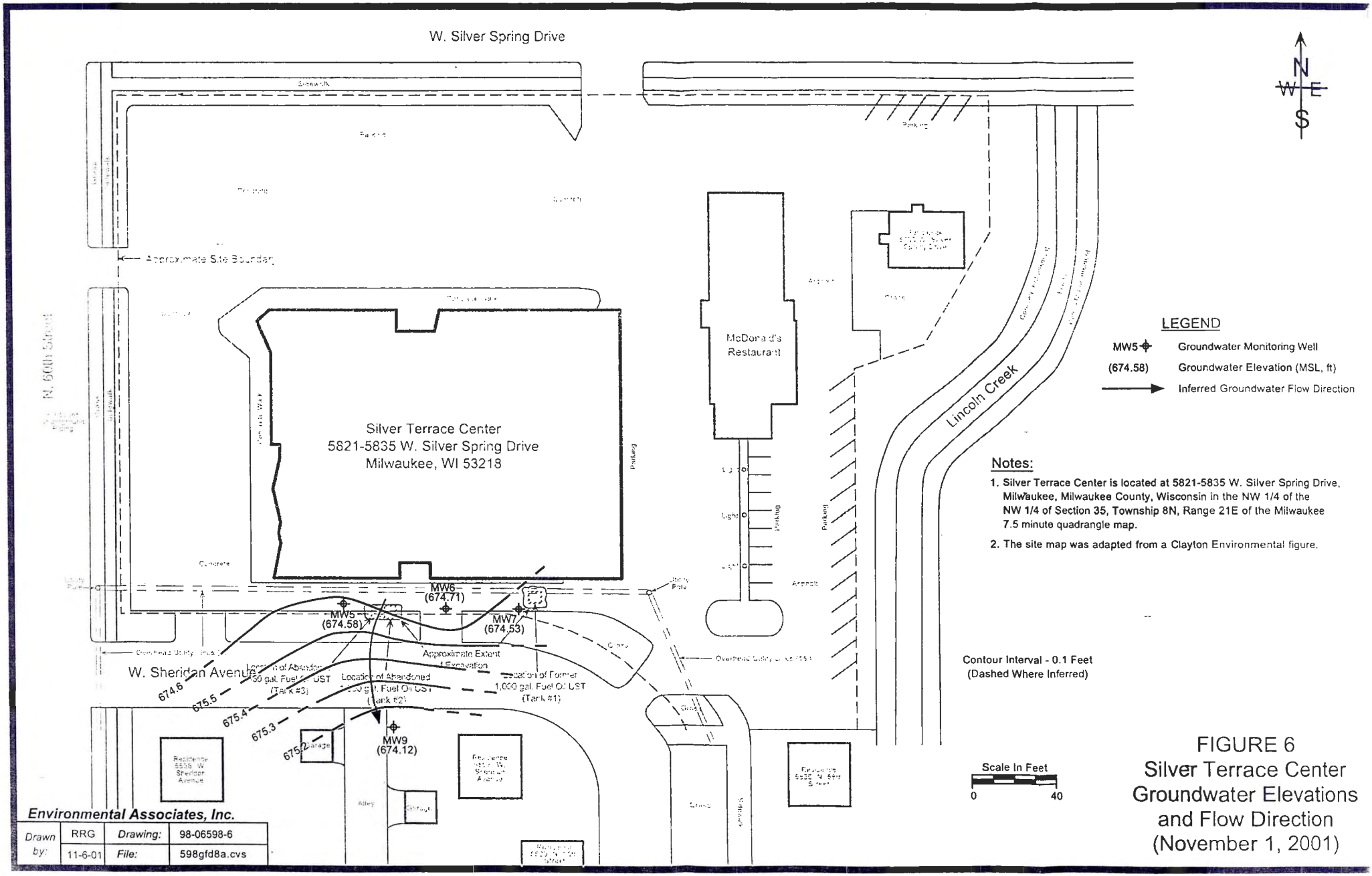
Horizontal Scale In Feet: 0 — 10

Vertical Scale In Feet: 0 — 3

FIGURE 5
Silver Terrace Center
Geologic Cross-Section C - C'
and
Estimated Extent of
DRO Soil Contamination

Environmental Associates, Inc.

Drawn by:	RRG	Drawing:	98-06598-5
	7-28-98	File:	xcc-dro.cvs



Environmental Associates, Inc.

Drawn by:	RRG	Drawing:	98-06598-6
	11-6-01	File:	598gfd8a.cvs

FIGURE 6
Silver Terrace Center
Groundwater Elevations and Flow Direction
(November 1, 2001)

As owner of the Silver Terrace Center Site located at 5821 – 5835 W. Silver Spring Drive, Milwaukee, Wisconsin, I believe that the legal description given on the Quit Claim Deed dated March 30, 2000 is complete and accurately describes the contaminated property.

Fred Wein
Mr. Fred Wein

4-8-03
Date

Environmental Associates, Inc.

August 14, 1997

Mr. Ronald Sweet
City of Milwaukee Planning Department
841 N. Broadway, Room 919
Milwaukee, Wisconsin 53202

RE: Request for In Place Tank Abandonment, 5821-5835 W. Silver Spring Drive, Milwaukee, Wisconsin

Dear Mr. Sweet,

The purpose of this correspondence is to update you on the status of the property located at 5821-5835 W. Silver Spring Drive in Milwaukee, Wisconsin (Figure 1). Petroleum contaminated soils were detected during tank excavation activities at the property on June 26-27, 1997. The property is currently the location of a strip mall.

A total of three fuel oil tanks were uncovered on the south side of the strip mall during the tank excavation activities (Figure 2). A 1,000 gallon fuel oil tank (Tank #1) was removed from the site on June 26, 1997. On June 27, 1997 a 550 gallon fuel oil tank (Tank #2) and a 1,000 gallon fuel oil tank (Tank #3) were uncovered from a common excavation but left in place when it was discovered they were confined by the City of Milwaukee sidewalk along W. Sheridan Avenue. Soil in the excavation had a strong petroleum odor and was visibly stained. Laboratory analytical results (Attachment A) from soil samples collected at the base of the tanks confirmed a petroleum release resulting from the leaking of Tanks #2 and #3 had occurred. At the request of our client, Mr. Fred Wein (property owner), Environmental Associates notified the Wisconsin Department of Natural Resources of petroleum contamination at the site and intend to implement an investigation to delineate the extent of contamination at the site.

Due to the poor accessibility of the tanks, on behalf of our client, Mr. Fred Wein, Environmental Associates request permission from the City of Milwaukee to abandon the tanks in place. The tanks would be uncovered, cleaned, filled with concrete and left under the W. Sheridan Avenue sidewalk in full compliance with the State of Wisconsin Administrative Code ILHR10 guidelines for closure of underground storage tanks.

P.O. Box 136 Thiensville, WI 53092 (414) 242-1088 FAX (414) 242-6554

Environmental Associates request that the City of Milwaukee respond to this correspondence such that we may complete this project. Included is a site map indicating the locations of Tanks #2 and #3 and utilities in the vicinity of the tanks (Figure 3). If you require any additional information or would like to discuss this project in greater detail, please contact our office at (414) 242-1088. We appreciate your attention in this matter and look forward to hearing from you.

Sincerely,

Environmental Associates, Inc.

Joe Michaelchuck
Project Manager
JM:mas
553TANK.DOC

cc: File
Client

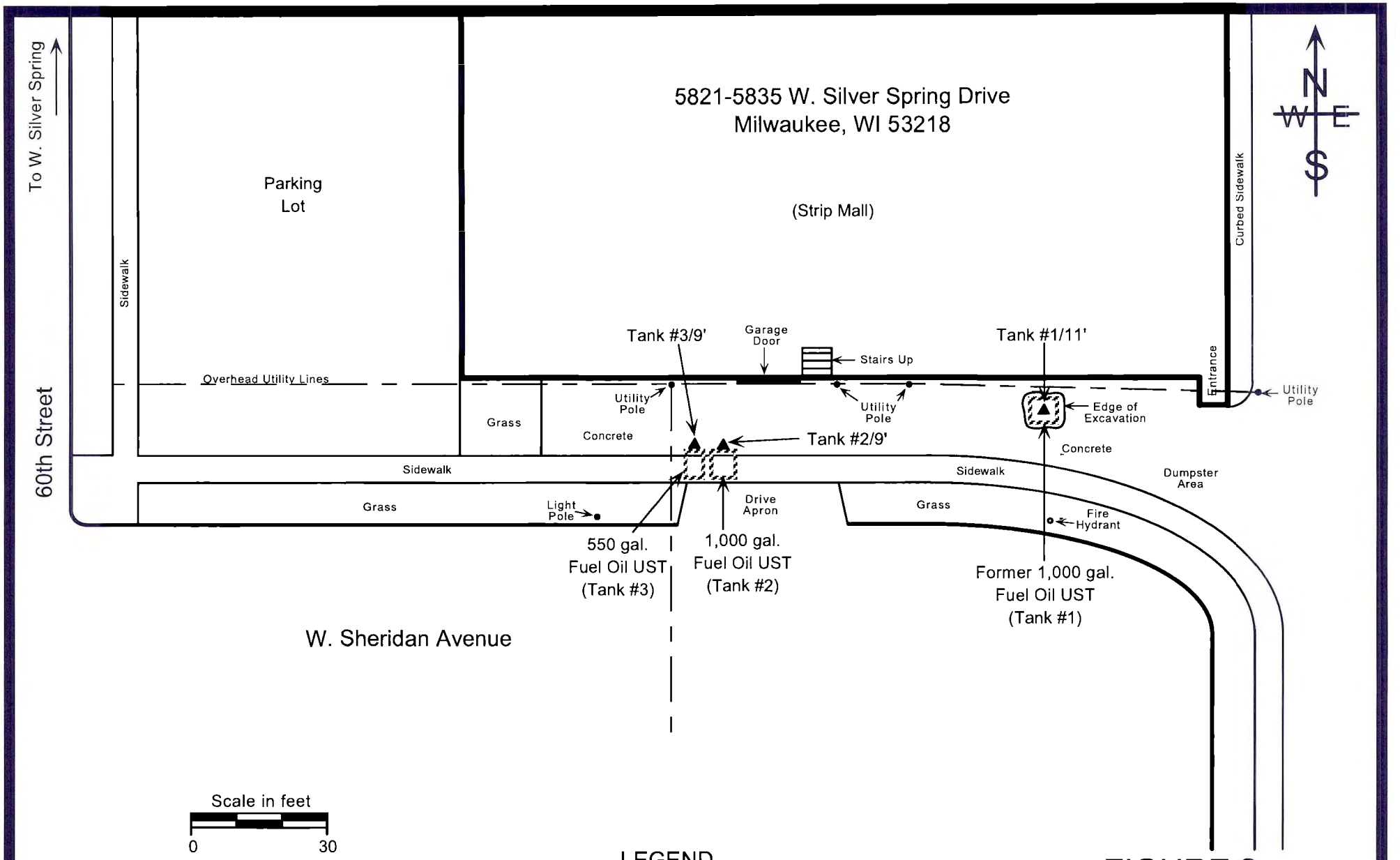


FIGURE 2
Fuel Oil UST Locations and UST Closure Sample Locations

Environmental Associates, Inc.

Drawn by:	RRG	Checked by:			Drawing	98-06598-2
	6-30-97	Approved by:			File	598-ust1.cvs

Environmental Associates, Inc.

September 3, 1997

Mr. Ronald Sweet
City of Milwaukee Planning Department
841 N. Broadway, Room 919
Milwaukee, Wisconsin 53202

RE: Proposed Tank Abandonment Procedure, 60th and Silver Spring (5821-5835 W. Silver Spring Drive, Milwaukee, Wisconsin)

The following presents the proposed procedure and points of interest for in-place tank abandonment at 5821-5835 W. Silver Spring Drive in the City of Milwaukee, Wisconsin for the City of Milwaukee review and approval:

- The north end of the tanks shall be exposed and each tank shall be opened and completely filled with 1/2 bag slurry mix or pea gravel. The tanks were previously uncovered and cleaned on June 27, 1997. It will not be necessary to remove the City of Milwaukee sidewalk.

- The six inch water line will not be uncovered during these activities.

- All excavation activities will be conducted on the 5821-5835 W. Silver Spring Drive (Fred Wein) property. No work associated with the tank abandonment activities will be conducted on or impact the City of Milwaukee Right of Way.

- Tank abandonment activities will be performed by Valley View Maintenance of Menomonee Falls, Wisconsin.

- Environmental Associates shall contact the City of Milwaukee Building Inspection Department and Planning Department a minimum of 24 hours prior to the abandonment activities. Valley View Maintenance shall contact Diggers Hotline a minimum of 3 days prior to excavation activities.

Environmental Associates additionally propose to conduct an investigation to define the horizontal and vertical extent of petroleum soil contamination at the site. The site formerly utilized one 550 gallon and one 1,000 gallon fuel oil tank. It is proposed that one (1) one inch diameter geoprobe be advanced on the south side of the tanks to an estimated depth of 20 feet as part of this investigation.

P.O. Box 136 Thiensville, WI 53092 (414) 242-1088 FAX (414) 242-6554

Environmental Associates will provide the City of Milwaukee with all laboratory analytical data, reports and information with respect to the City of Milwaukee public right-of-way. Environmental Associates will consult the City of Milwaukee prior to implementation of remedial action or WDNR involvement.

Implementation of the workplan described above is contingent on City of Milwaukee approval. Additional information on this project, including sil quality analytical data is presented in an August 14, 1997 correspondence letter to Ron Sweet of the City of Milwaukee. Tim Temperly of the City of Milwaukee Building Inspection Department was present during tank removal/cleaning activities on June 26-27, 1997 at the site.

If you have any questions or require additional information, please contact me at (414) 242-1088.

Sincerely,

Environmental Associates, Inc.

Joe Michaelchuck
Project Engineer
JM:mas
553CTY.DOC

Environmental Associates, Inc.

October 6, 1997

Mr. Timothy Temperly
Construction Inspector, City of Milwaukee
841 N. Broadway, Room 1016
Milwaukee, WI 53202-3613

RE: Request for Commercial Fuel Oil Underground Storage Tank (UST) Closure In Place, 5821-5835 W. Silver Spring Drive, Milwaukee, WI 53218 (Figure 1)

Dear Mr. Temperly,

The purpose of this correspondence is to request permission for closure of one (1) 1,000 gallon and one (1) 550 gallon fuel oil UST in place. The tanks were formerly utilized by the strip mall located at the above referenced property.

A total of three fuel oil tanks were uncovered on the south side of the strip mall during the tank excavation activities (Figure 2). A 1,000 gallon fuel oil tank (Tank #1) was removed from the site on June 26, 1997. On June 27, 1997 a 550 gallon fuel oil tank (Tank #2) and a 1,000 gallon fuel oil tank (Tank #3) were uncovered from a common excavation but left in place when it was discovered they were inaccessible for removal due to the presence of utilities. Soil in the excavation had a strong petroleum odor and was visibly stained. Laboratory analytical results (Attachment A) from soil samples collected at the base of the tanks confirmed a petroleum release resulting from leaking of Tanks #2 and #3 had occurred. At the request of our client, Mr. Fred Wein (property owner), Environmental Associates notified the Wisconsin Department of Natural Resources of petroleum contamination at the site.

Due to the inaccessibility of the tanks (per City of Milwaukee Code 10.732 (2) (6)), on behalf of our client, Mr. Fred Wein, Environmental Associates request permission from the City of Milwaukee Construction Inspection to abandon the tanks in place. The tanks would be uncovered, cleaned, filled with concrete and left under the W. Sheridan Avenue sidewalk in full compliance with the State of Wisconsin Administrative Code ILHR 10 guidelines for closure of underground storage tanks. The City of Milwaukee issued a permit for the closure of these tanks in place on September 3, 1997. A copy of the permit is included in Attachment B for your reference.

P.O. Box 136 Thiensville, WI 53092 (414) 242-1088 FAX (414) 242-6554

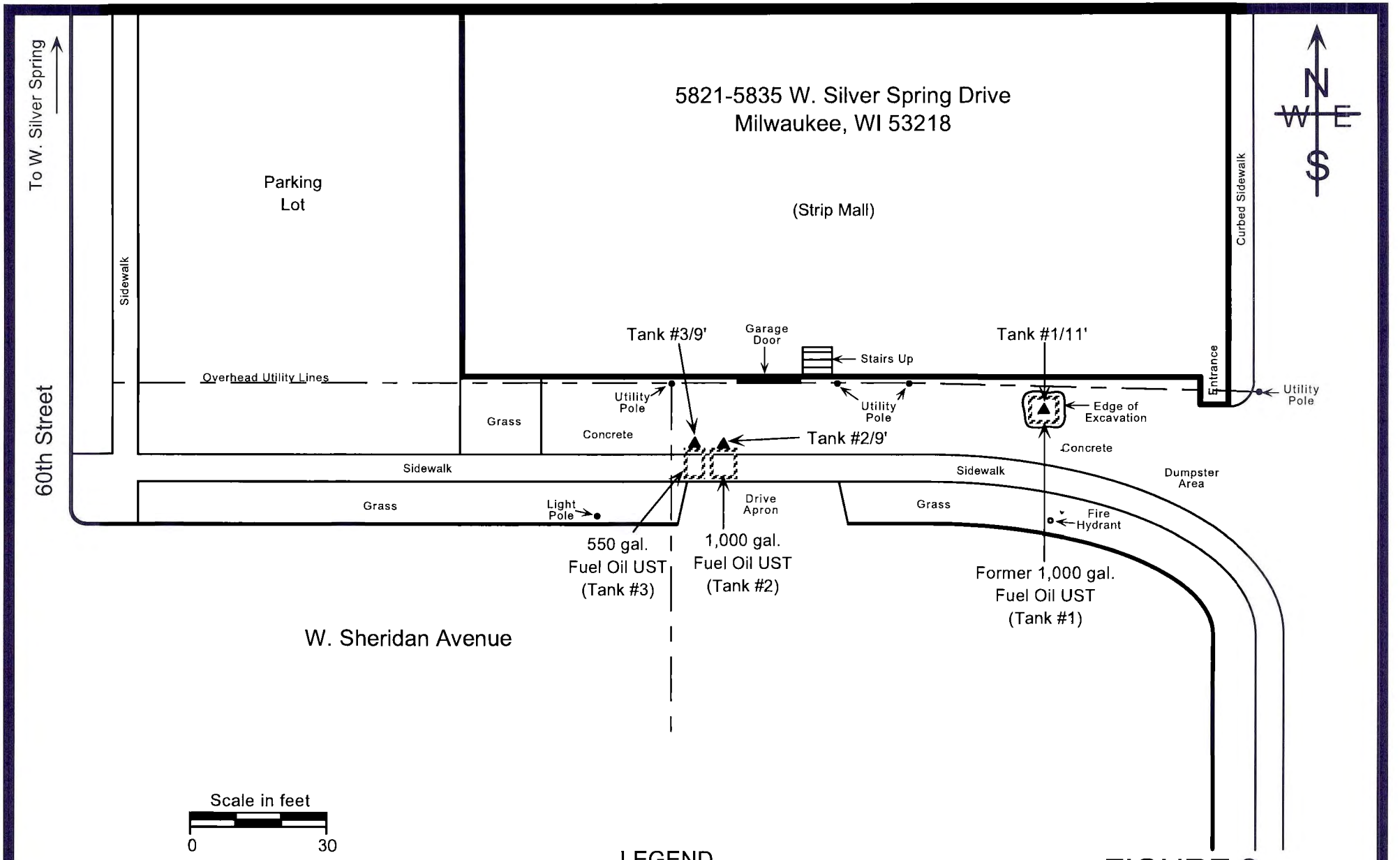
Environmental Associates appreciates your review and welcomes any comments or suggestions at (414) 242-1088.

Sincerely,

Environmental Associates, Inc.

Joe Michaelchuck
Project Engineer
JM:mas
553USTCL.DOC

cc: File
Client



LEGEND

Tank# 1/11'▲ — UST Closure Sample Name/ Depth Below Surface (ft)

FIGURE 2
Fuel Oil UST Locations and UST Closure Sample Locations

Environmental Associates, Inc.

Drawn by:	RRG	Checked by:			Drawing 98-06598-2
	6-30-97	Approved by:			File 598-ust1.cvs

53218-3269-35

ENVIRONMENTAL ASSOCIATES, INC.

P.O. Box 136 ▪ Thiensville, Wisconsin 53092
OFFICE: 262.242.1088 ▪ TOLL FREE: 800.494.4645 ▪ FAX: 262.242.6654 ▪ www.eaiwi.com

April 24, 2003

Victoria Stovall
WDNR Southeast Region Headquarters
2300 N. Dr. Martin Luther King Jr. Drive
Milwaukee, WI 53212

Re: GIS Registry Packet, Silver Terrace Shopping Center, 5821-5835 West Silver Spring Drive, Milwaukee, Wisconsin (BRRTS #03-41-169385) (FID #241931910)

Dear Victoria Stovall:

Please find enclosed the GIS Registry Packet for the above referenced property. Also enclosed is a check made payable to WDNR Redevelopment & Remediation in the amount of $200.00. This check is to cover the fees for soil registry of the site on the Department's GIS Registry.

If there are any questions or you require additional information, please call us at (262) 242-1088.

Sincerely,
Environmental Associates, Inc.

Joe Michaelchuck, PE
Project Manager

Encl: GIS Registry Packet
$200 Check Payable to WDNR

cc: File (w/ copy of check)
Client (w/ copy of check)

S:\Organization\Projects\598STC\598GIScover4-03.doc

Silver Terrace Center 98-02598

Checklist of Documents for GIS Registry Packet

WI DNR, Bureau for Remediation and Redevelopment, PUB-RR-688

(Include with closure request – please assemble in this order. *This checklist applies to closure requests for sites with groundwater exceeding ch. NR 140 standards and/or soil contamination exceeding ch. NR 720 generic or site specific residual contaminant levels (RCLs).)*

☐ **One-time fee of $250.00 for groundwater,** and/or
☒ **$200 for soil,** for each case closed, for maintenance of the registry.

☒ **Copies of the most recent deed** *including legal descriptions, for all properties within or partially within the contaminated site boundaries.* (Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.)

NA ☐ **A copy of the certified surveyed map or the relevant section of the recorded plat map** *for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map.* (lots on subdivided or platted property (e.g. lot2 of xyz subdivision))

☒ **Parcel identification number for each property,** *if the county in which the property is located uses parcel identification numbers.*

☒ **Geographic position** of all properties within or partially within the contaminated site boundaries. *The coordinates need to be for a spot located at least 40 feet inside the property boundary. Refer to NR 716.15(2)(d)7, and (k). The coordinates must be in WTM91 projection. See the following WDNR website address for assistance:* www.dnr.state.wi.us/org/at/et/geo/gwur/index.htm .

☒ **A location map** which outlines all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit the easy location of all parcels. ~~If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200 feet of the site.~~ *(If only one parcel, combine with next item.)*

☒ **A map of all contaminated properties within site boundaries,** showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. This map shall also show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 enforcement standards, and/or in relation to the boundaries of soil contamination exceeding generic or site-specific residual contaminant levels as determined under s.. NR 720.09, 720.11 and 720.19.

☒ **A table of the most recent analytical results, with sample collection dates:** from all monitoring wells, and any potable wells for which samples have been collected **for groundwater,** and/or showing results for all contaminants found in pre-remedial sampling and in the most recent soil sampling event **for soils** (without shading/crosshatching).

NA ☐ **An isoconcentration map,** if required as part of the site investigation (SI), of the contaminated properties within the site boundaries. The map should include the areal extent of groundwater contamination exceeding PALs and ESs, groundwater flow directions based on the most recent data, and sample collection dates. **If an isoconcentration map was not required as part of the SI, substitute a map showing the horizontal extent of contamination,** based on the most recent data.

☒ **A table of the previous 4 water level elevation measurements from all monitoring wells,** at a minimum, with the date measurements were made, is to be included. If present, free product is to be noted on the table. In addition, **a groundwater flow direction map,** representative of groundwater movement at the site. If the flow direction varies by more than 20° over the history of the site, 2 groundwater flow maps showing the maximum variation in flow direction are to be submitted

☒ For sites closing with residual soil contamination, include **a map showing the location of all soil samples and a single contour** showing the horizontal extent of each area of continguous residual soil contamination that exceeds generic or site specific residual contaminant levels.

☒ **A geologic cross section,** if required as part of the SI, showing vertical extent and location of residual soil contamination exceeding generic or site specific RCLs and residual groundwater contamination, source extent and location; isoconcentrations for all groundwater contaminants that exceed PALs that remain when closure is requested; water table and piezometric elevations, and the location and elevation of geologic units, bedrock, and confining units, if any.

☒ **A statement signed by the responsible party, which states that he or she believes that the legal descriptions attached to the statement are complete and accurate.** *(The point here is that the legal descriptions are describing the correct (i.e. contaminated) properties.)*

NA ☐ **A copy of the letters sent by the RP to all owners of properties with groundwater exceeding ESs** (including the current source-property owner, if the RP is not the current source-property owner.) *(Off source properties are listed separately with a link to the source property.)*

☒ **A copy of all written notifications provided (to City/village/municipality/state agency or other responsible for maintenance) of a public street or highway or railroad right-of-way,** within or partially within the boundaries of the contaminated site, for contamination exceeding groundwater ESs and/or soil exceeding generic or site specific RCLs.

Scale 1 : 1,822

△WTM coordinates: 683909, 295956

Table 4: Groundwater Elevations and Depth to Groundwater, Silver Terrace Center, 5821-5835 W. Silver Spring Drive, Milwaukee, Wisconsin

Depth to Groundwater

Well Name	MW5	MW6	MW7	MW9
units	(feet)	(feet)	(feet)	(feet)
Date				
6/3/98	14.09	12.24	13.25	NI
6/17/98	13.20	12.63	12.90	NI
7/15/98	13.33	12.61	13.06	NI
11/16/98	14.77	14.20	14.38	14.88
2/24/99	13.91	13.40	13.69	14.13
8/25/99	13.95	13.30	13.61	14.11
8/16/00	13.55	12.67	13.19	13.50
11/8/00	13.34	13.77	12.98	13.12
3/1/01	12.97	12.48	12.63	12.78
5/9/01	12.18	11.69	11.85	11.84
8/7/01	13.49	12.78	13.21	13.52
11/1/01	13.75	13.18	13.43	13.77

Groundwater Elevations

Well Name	MW5	MW6	MW7	MW9
units	(feet)	(feet)	(feet)	(feet)
TOC Elevation*	688.33	687.90	687.97	688.45
TOC Elevation**	688.33	687.89	687.96	687.89
Date				
6/3/98	674.24	675.66	674.72	NI
6/17/98	675.13	675.27	675.07	NI
7/15/98	675.00	675.29	674.91	NI
11/16/98	673.56	673.70	673.59	673.57
2/24/99	674.42	674.50	674.28	674.32
8/25/99	674.38	674.60	674.36	674.34
8/16/00	674.78	675.23	674.78	674.95
11/8/00	674.99	674.13	674.99	675.33
3/1/01	675.36	675.42	675.34	675.67
5/9/01	676.15	676.20	676.11	676.05
8/7/01	674.84	675.11	674.75	674.37
11/1/01	674.58	674.71	674.53	674.12

Notes:
* = 6/3/98 Survey Conducted by Environmental Associates
** = 5/9/01 Survey Conducted by Environmental Associates
NI = Not Installed
AB = Abandoned Well

000112287

STATE BAR OF WISCONSIN FORM 3 1998

QUIT CLAIM DEED

7894342

Document Number

REGISTER'S OFFICE
Milwaukee County, WI
RECORDED AT 9:45 AM
04-11-2000
WALTER R. BARCZAK
REGISTER OF DEEDS
AMOUNT 12.00

This Deed, made between FREDRIC M. WEIN, ANDREW ARENA, JAMES LEWENAUER, JOHN LEWENAUER and ROBERT LEWENAUER, Grantor,

and SILVER TERRACE SHOPPING CENTER, LLP, Grantee.

Grantor quit claims to Grantee the following described real estate in Milwaukee County, State of Wisconsin:

Legal description on attached rider.

Name and Return Address
Richard J. Rakita
735 North Water Street, #1100
Milwaukee, WI 53202-4105

190-1701-100-9
Parcel Identification Number (PIN)

This is not homestead property.
(is) (is not)

This is a confirmation pursuant to §178.40, Wis. Stats., to give notice of existing partnership converting to a limited liability partnership (LLP). The document is not a conveyance pursuant to §77.21(1), Wis. Stats., and is not subject to transfer return or fee.

Together with all appurtenant rights, title and interests.

Dated this 30th day of March, 2000

(SEAL)
• Fredric M. Wein

(SEAL)
• John Lewenauer

(SEAL)
• Robert Lewenauer

(SEAL)
• Andrew Arena

(SEAL)
• James Lewenauer

AUTHENTICATION

Signature(s) _____

authenticated this _____ day of _____, _____

• _____
TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____
authorized by §706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
Richard J. Rakita, Attorney

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

State of Wisconsin, } ss.
MILWAUKEE County.

Personally came before me this 30th day of March, 2000, the above named Fredric M. Wein, John Lewenauer, Robert Lewenauer, Andrew Arena and James Lewenauer, to me known to be the person s who executed the foregoing instrument and acknowledge the same.

• Maxine E. Haas
Notary Public, State of Wisconsin
My commission is permanent. (If not, state expiration date: June 25 - 2000)

* Names of persons signing in any capacity must be typed or printed below their signature.

2

QUIT CLAIM DEED — STATE BAR OF WISCONSIN FORM No. 3 - 1998 — Wisconsin Legal Blank Co., Inc. Milwaukee, Wis.

LEGAL DESCRIPTION

PARCEL I:

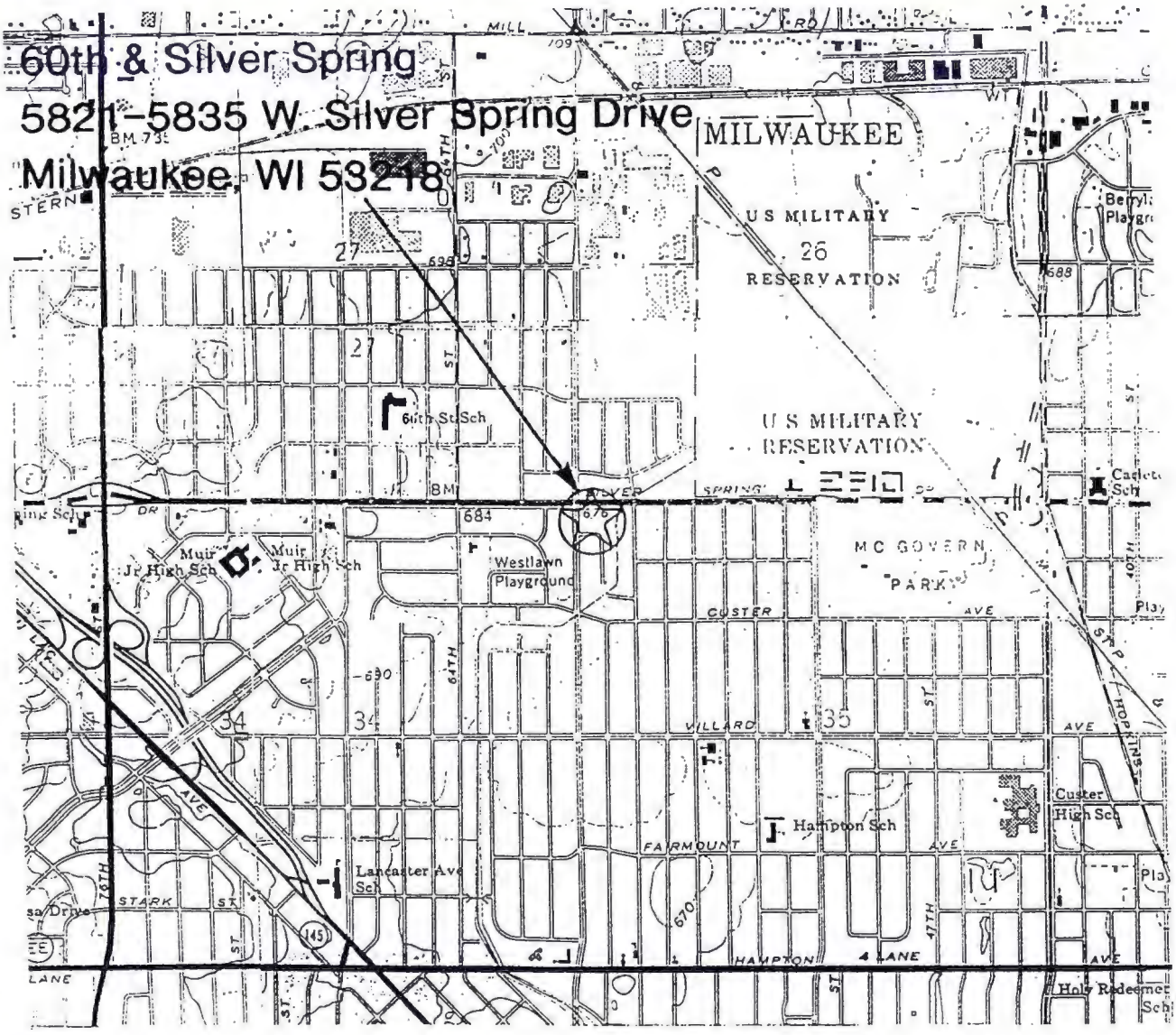
LOTS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 AND 11, IN BLOCK 1, INCLUDING ALL OF THE VACATED ALLEY LOCATED WITHIN SAID BLOCK 1, IN SILVER SPRING TERRACE, BEING A SUBDIVISION OF A PART OF THE NORTH WEST 1/4 OF SECTION 35, IN TOWNSHIP 8 NORTH, RANGE 21 EAST, IN THE CITY OF MILWAUKEE, COUNTY OF MILWAUKEE, STATE OF WISCONSIN.

PARCEL II:

THAT PART OF THE NORTH WEST 1/4 OF SECTION 35, IN TOWNSHIP 8 NORTH, RANGE 21 EAST, IN THE CITY OF MILWAUKEE, COUNTY OF MILWAUKEE AND STATE OF WISCONSIN, WHICH IS BOUNDED AND DESCRIBED AS FOLLOWS: COMMENCING AT THE NORTH WEST CORNER OF SAID 1/4 SECTION; RUNNING THENCE NORTH 88°30'26" EAST ALONG THE NORTH LINE OF SAID 1/4 SECTION 330.48 FEET TO A POINT; THENCE SOUTH 00°29'45" WEST ALONG THE EAST LINE OF BLOCK 1 IN SILVER SPRING TERRACE 180.00 FEET TO THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED; RUNNING THENCE SOUTH 00°29'45" WEST ALONG THE EAST LINE OF SAID BLOCK 1 IN SILVER SPRING TERRACE 230.00 FEET TO A POINT; THENCE NORTH 88°30'26" EAST AND PARALLEL TO THE NORTH LINE OF SAID 1/4 SECTION 165.00 FEET TO A POINT; THENCE NORTH 00°29'45" EAST AND PARALLEL TO THE EAST LINE OF BLOCK 1 IN SILVER SPRING TERRACE 230.00 FEET TO A POINT; THENCE SOUTH 88°30'26" WEST AND PARALLEL TO THE NORTH LINE OF SAID 1/4 SECTION 165.00 FEET TO THE POINT OF BEGINNING.

PARCEL III:

THAT PART OF THE NORTH WEST 1/4 OF SECTION 35, IN TOWNSHIP 8 NORTH, RANGE 21 EAST, IN THE CITY OF MILWAUKEE, COUNTY OF MILWAUKEE, STATE OF WISCONSIN, BOUNDED AND DESCRIBED AS FOLLOWS, TO-WIT: COMMENCING AT A POINT IN THE NORTH LINE OF SAID NORTH WEST 1/4 OF SECTION 35, 330.48 FEET EAST OF THE NORTH WEST CORNER OF SAID 1/4 SECTION, RUNNING THENCE EAST ALONG SAID NORTH LINE, 165.00 FEET TO A POINT; THENCE SOUTH 0°29'45" WEST, 180.00 FEET TO A POINT; THENCE WEST AND PARALLEL TO THE NORTH LINE OF SAID 1/4 SECTION, 165.0 FEET TO A POINT; THENCE NORTH 0°29'45" EAST, 180.00 FEET TO THE PLACE OF COMMENCEMENT, EXCEPTING THEREFROM THE NORTH 60 FEET FOR HIGHWAY PURPOSES, AND FURTHER EXCEPTING THAT PART CONVEYED TO THE SEWERAGE COMMISSION OF THE CITY OF MILWAUKEE BY DEED RECORDED JANUARY 31, 1956, IN VOLUME 3535, PAGE 303, AS DOCUMENT NO. 3464847.



SCALE 1:24000

1 1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

National Geodedic Vertical Datum of 1929
Contour Interval of 10 Feet

N
W E
S

QUADRANGLE LOCATION
Milwaukee Quadrangle

FIGURE 1
Site Location Map and Local Topography

Environmental Associates, Inc.

Drawn by:	RRG	Checked by:			Drawing 97-03540-002-1 File
	6-26-97	Approved by:			

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
414-735-8295

WI DNR Certified Lab #445027660

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 11-Jul-97

Project #: 97-03540-002
Project : Wein Property
Sample ID: Tank #1
Lab Code: 5017616A
Sample Type: Soil
Sample Date: 26-Jun-97

Test	Result	LOD	LOQ	Unit	Dilution Factor	Date Analyzed:	Analyzed By:	QC Code
TOTAL SOLIDS	82.4			%		03-Jul-97	S.Dequaine	1
MODIFIED DRO WDNR SEP 96	< 10	1.7	5.5	MG/KG	1	10-Jul-97	D. Menominee	1

LOD = Limit of Detection

LOQ = Limit of Quantitation

QC SUMMARY

CODE:

1 All laboratory QC requirements were met for this sample.

Authorized Signature _____

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
414-735-8295

WI DNR Certified Lab #445027660

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 11-Jul-97

Project #: 97-03540-002
Project : Wein Property
Sample ID: Tank #2
Lab Code: 5017616B
Sample Type: Soil
Sample Date: 27-Jun-97

Test	Result	LOD	LOQ	Unit	Dilution Factor	Date Analyzed:	Analyzed By:	QC Code
TOTAL SOLIDS	81.6			%		03-Jul-97	S.Dequaine	1
MODIFIED DRO WDNR SEP 96	460	1.7	5.5	MG/KG	1	10-Jul-97	D. Menominee	1

LOD = Limit of Detection

LOQ = Limit of Quantitation

QC SUMMARY

CODE:

1 All laboratory QC requirements were met for this sample.

Authorized Signature _____

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
414-735-8295

WI DNR Certified Lab #445027660

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 11-Jul-97

Project #: 97-03540-002
Project : Wein Property
Sample ID: Tank #3
Lab Code: 5017616C
Sample Type: Soil
Sample Date: 27-Jun-97

Test	Result	LOD	LOQ	Unit	Dilution Factor	Date Analyzed:	Analyzed By:	QC Code
TOTAL SOLIDS	81.4			%		03-Jul-97	S.Dequaine	1
MODIFIED DRO WDNR SEP 95	1900	34	110	MG/KG	20	10-Jul-97	D. Menominee	1

LOD = Limit of Detection

LOQ = Limit of Quantitation

QC SUMMARY

CODE:

1 All laboratory QC requirements were met for this sample.

Authorized Signature _____

CHAIN OF CUSTODY RECORD

Analytical Lab
1090 Kennedy Ave. Kimberly, WI 54136
(414) 735-8295 • FAX 414-739-1738 • 800-490-4902
USALAB@AOL.COM

Rev. Date: 2-19-96

Chain # Nº 7764

Page 1 of 1

Lab I.D. # SCHLK

Account No. : Quote No.:

Project #: 97.03540-002

Sampler: (signature) Tony Martin

Project (Name / Location): Wein Property 60th St. Silver Spring

Sample Integrity - To completed by receiving lab.
Method of Shipment : Courier Temp. of Temp. Blank. ___ °C On Ice: 1
Cooler seal intact upon receipt: X Yes ___ No

Reports To: Joe Michaelchuck	Invoice To: Fred Wein
Company Environmental Assoc	Company C/O Environmental Assoc.
Address P.O. Box 136	Address P.O. Box 136
City State Zip Thiensville, WI	City State Zip Thiensville, WI 53092
Phone (414) 242-1088	Phone (414) 242-1088

Sample Handling Request

___ Rush Analysis
Date Required ___
X Normal Turn Around

Analysis Requested

Lab I.D.	Sample I.D.	Collection Date	Collection Time	No. of Containers Size and Type	Description Water	Description Soil	Description Other (specify)	Preservation	DRO (Mod/TPH)	GRO (Mod/TPH)	PVOC (EPA 8020)	BTEX (EPA 8020)	VOC (EPA 8021)	O&G (EPA 413.1)	PAH (EPA 8310)	Pb	Flash Point	Other Analysis	PID/ FID
SCHLK #1	Tank #1	6/26/97	11:45	2-2oz. jars		X		ICE	X										
2	Tank #2	6/27/97	11:15	↓		X		↓	X										
3	Tank #3	6/27/97	11:35			X			X										

Department Use Only

Split Samples: Offered ? ___ Yes ___ No
Accepted? ___ Yes ___ No
Accepted By: ___

Comments/ Special Instructions *(See reverse side for important reminders)*

Department Use Optional for Soil Samples

Disposition of unused portion of sample
Lab Should:
___ Dispose ___ Retain for ___ days
Return Other

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
Marion Stapleman	10:45am	7-1-97	Ted Tielsen	10:45	7/1/97
Ted Tielsen	5:45	7-1-97			

Received In Laboratory By: Date: 7-1 Time: 5:45

CITY OF MILWAUKEE, WISCONSIN
DEPARTMENT OF
PUBLIC WORKS
841 N. Broadway - Rm. 507
Milwaukee, WI 53202
(414) 286-3312

Public Way Permit

Reprint

Permittee

TYPE OF PERMIT

EXCAVATE

ENVIRONMENTAL ASSOC. OF MILW.
P.O. BOX 136
MEQUON, WI 53092
(414)242-1088

Work Location
5821 W SILVER SPRING DR

DATE 09/03/97	9718-034
PLAN NO	PERMIT EXPIRES IN 90 DAYS
EFFECTIVE DATE 09/03/97	
CONTRACT NO.	
DRAWING OR PAGE NUMBER	

CALL 286-3435 STREET & SEWER MAINTENANCE FOR INSPECTION 48 HOURS PRIOR TO STARTING WORK

ABANDON UNDERGROUND STORAGE TANKS LOCATED UNDER WALK ON W SHERIDAN AVE

SEE ALL NOTES & COMMENTS ON PLAN
SEE TRAFFIC RESTRICTIONS ATTACHED

APPLICANT'S SIGNATURE

DEPOSIT NO. _____
AMOUNT 0.00
DIVISION

PAID
SEP 3 1997
City of Milwaukee
Dept. of Public Works

EXCEPT FOR EMERGENCY EXCAVATIONS, ANY PERMIT TO EXCAVATE IS VOID IF DIGGERS HOTLINE 259-1181 IS NOT CALLED AT LEAST 3 WORKING DAYS PRIOR TO DIGGING.

(Call Traffic Engr. & Elec. Services at 286-3246 if "Temp. No Parking" Signs are Needed)

NOTIFY FIRE DEPT. DISPATCHER Anytime Road is Closed: 226-8999

PERMIT FEE	17
INSPECTION FEE	41
TOTAL AMOUNT DUE	58

9718-0346

COMMISSIONER OF PUBLIC WORKS

Permit C

(SEE REVERSE SIDE)

CITY OF MILWAUKEE - BUREAU OF FORESTRY
SPECIAL REQUIREMENTS

DATE: 9-3-1997

CONTRACTOR/UTILITY: ENVIRONMENTAL ASSOCIATES, INC.

LOCATION(S): 5821-35 W. SILVER SPRING DR. (W. SHERIDAN AVE. SIDE)
"PROPOSED TANK REMOVAL"

Damage to city-owned trees, shrubs, and other plant material due to permit-holder negligence or accident shall be repaired only by the Bureau of Forestry. The Bureau shall remove and replace any trees, shrubs, and other plant material determined to be excessively damaged. The costs of all such repairs, removals, replacements, and an amount of value lost will be the liability of the permit-holder and billed accordingly.

The following specific responsibilities are required of the permit-holder when marked.

X To protect the immediate portion of tree root zones, NO construction equipment or materials, sand, soil, gravel or any other materials shall be placed, parked, or stored on the surface of any unpaved areas within the driplines (outermost reach of branches) of city street trees. NO chemicals, rinsates, or petroleum products shall be deposited within the driplines of city street trees.

___ Temporary protective fencing (e.g., snow fence) shall be erected to protect the tree root zones. All unpaved area within the dripline (outermost reach of branches) of each tree in the construction site shall be fenced. The fencing shall be installed prior to set-up for construction. It shall be removed after final clean-up of the site.

___ To preserve viable root systems and maintain structural stability, it is required that you bore or tunnel beneath the root systems of city street trees. Open-cut excavating is allowed only up to the distance from various size trees, as listed below. You must bore or tunnel from trench to trench below the minimum depth indicated for the tree size. The surface area and subsoil directly adjacent to street trees shall not be disturbed as follows:

TREE SIZE (diameter in inches)	MINIMUM UNDISTURBED RADIUS (measured from face of trunk)	MINIMUM DEPTH OF TUNNEL/BORE
less than 3"	3 feet	3 feet
3" through 8"	6 feet	3 feet
8+" through 14"	8 feet	4 feet
larger than 14"	10 feet	4 feet

___ The top four (4) feet of all excavations in the tree border (between the curb and sidewalk/property line) and in all boulevard medians shall be backfilled ONLY with clean, viable soil. NO concrete, slurry, gravel, stone, sand, or other such materials shall be used for backfill. Flush backfilled excavations to settle material. Restoration shall be to original grade, unless otherwise specified.

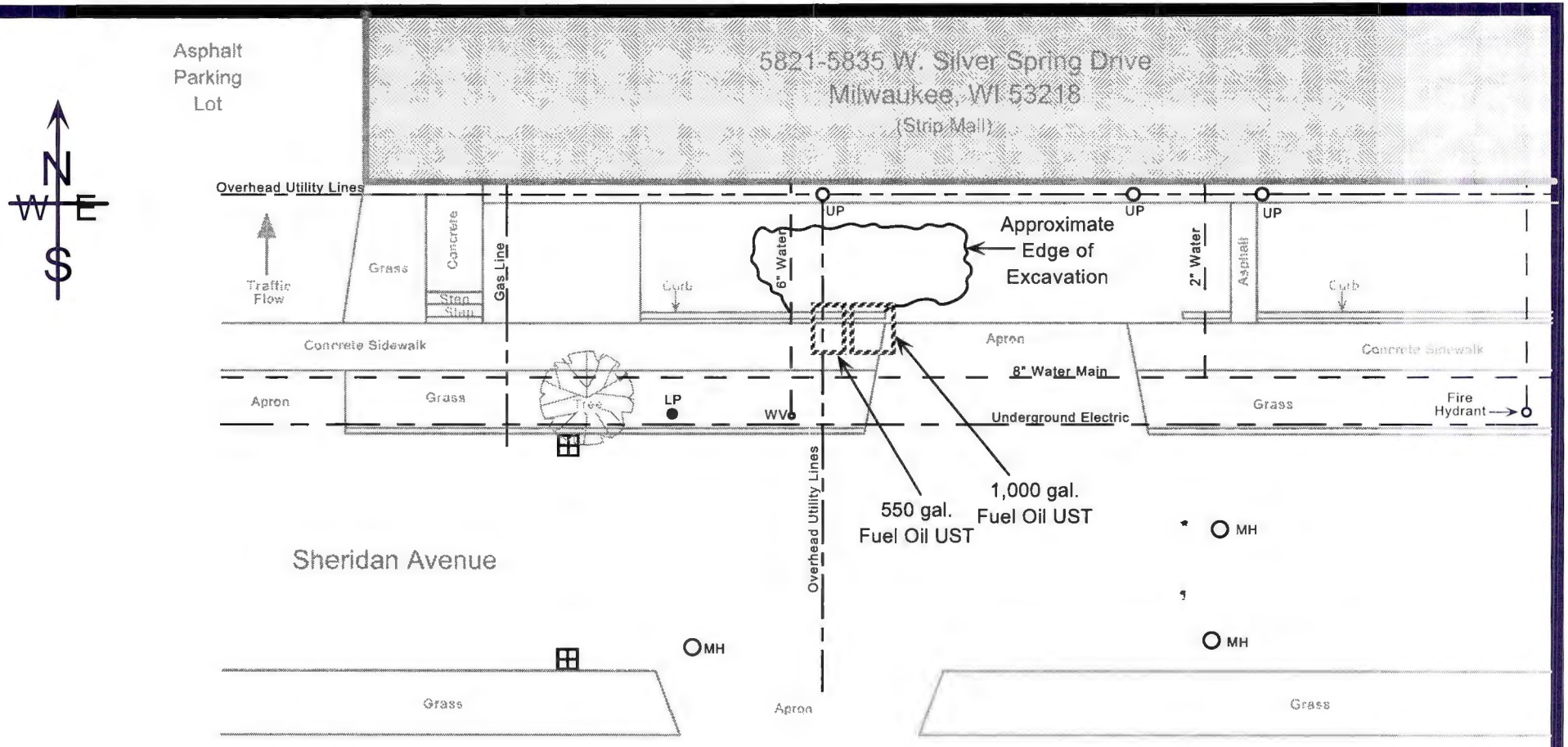
___ Cables, ducts, conduits, gas lines, and all other underground utilities installed in tree borders (between the curb and sidewalk/property line) and in all boulevard medians shall be placed so any topmost surface or part is at a minimum depth of three (3) feet.

X Care shall be taken not to damage tree trunks and branches. The Bureau of Forestry shall be contacted at least three (3) business days prior to the set-up for any construction to discuss problems of overhanging branches which may be damaged.

___ Box-out(s) shall be constructed as per City specifications.
___ Grate(s) shall be provided by property owner.
___ Guard(s) shall be provided by property owner.

NOTE: NO EXCAVATION IS ALLOWED CLOSER THAN 10FT. FROM TRUNK FACE OF ANY CITY STREET TREE.

DEPOSIT REQUIRED: $_____



LEGEND

- Underground Natural Gas Line
- Overhead Utility Lines
- Underground Electric Line
- Underground Water Line
- LP ● Light Pole
- WV ○ Water Shutoff Valve
- UP ○ Utility Pole
- MH ○ Manhole
- ⊞ Sewer Inlet Grate

Scale In Feet

0 20

Notes:

1. Tank locations are approximate.

FIGURE 3
60th & Silver Spring
Site Layout, Utility Locations and UST Locations

Environmental Associates, Inc.

Drawn by:	RRG	*Drawing:*	98-06598
	8-8-97	*File:*	598-ust3.cvs

ES-122 Rev. 9/05/96

CITY OF MILWAUKEE
INFRASTRUCTURE SERVICES DIVISION
TRAFFIC PROVISIONS

LOCATION: 5821-5835 W. Silver Spring Dr. (Sheridan)

CONTRACTOR:

- ☐ WISCONSIN ELECTRIC CO.
- ☐ WISCONSIN GAS CO.
- ☐ AMERITECH
- ☒ ENVIRONMENTAL ASSOCIATES

OTHER JURISDICTION:

- ☐ _____
- ☒ PARKING OF PRIVATE VEHICLES PROHIBITED

TYPE OF WORK:

- ☐ CONDUIT
- ☐ CABLE
- ☐ MANHOLE
- ☐ BORING
- ☐ OCCUPANCY
- ☒ ABANDONING TANKS UNDER WALK

WORKING HOURS	NON-WORKING HOURS	
☐	☐	MAINTAIN ACCESS
☐	☐	MAINTAIN TWO-WAY TRAFFIC
☐	☐	MAINTAIN _____ TRAFFIC LANE(S) FOR EACH DIRECTION
☐	☐	MAINTAIN _____ TRAFFIC LANE(S) FOR EACH DIRECTION ON THE PROPER SIDE OF THE ROADWAY
☐	☐	MAINTAIN _____ TRAFFIC LANE(S) FOR _____ BOUND
☐	☐	DO NOT IMPEDE TRAFFIC LANES FOR _____ BOUND
☒	☐	MAINTAIN PEDESTRIAN WAY
☐	☐	MAY CLOSE ROADWAY/SIDEWALK
☐	☐	OPEN ENTIRE ROADWAY TO TRAFFIC
☐	☐	_____

- ☐ NO WORK 7:00 TO 8:30 AM
- ☐ NO WORK 3:30 TO 5:30 PM
- ☐ WORK COMPLETED FOR PERMIT ONLY

REMARKS Work being done from private property.

- ☐ SIDEWALK(S)
- ☐ PARKING LANE(S)
- ☐ TRAFFIC LANE(S)

Traffic Lane = 11'-0" Minimum Pedestrian Way = 4'-0" Minimum

Approved: Ray Russell Date: 9-3-97

TRAFFPROV.JLB(dle)

CITY OF MILWAUKEE - BUREAU OF FORESTRY
SPECIAL REQUIREMENTS

DATE: 9-3-1997

CONTRACTOR/UTILITY: ENVIRONMENTAL ASSOCIATES, INC.

LOCATION(S): 5821-35 W. SILVER SPRING DR. (W. SHERIDAN AVE. SIDE)
"PROPOSED TANK REMOVAL"

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___ Temporary protective fencing (e.g., snow fence) shall be erected to protect the tree root zones. All unpaved area within the dripline (outermost reach of branches) of each tree in the construction site shall be fenced. The fencing shall be installed prior to set-up for construction. It shall be removed after final clean-up of the site.

___ To preserve viable root systems and maintain structural stability, it is required that you bore or tunnel beneath the root systems of city street trees. Open-cut excavating is allowed only up to the distance from various size trees, as listed below. You must bore or tunnel from trench to trench below the minimum depth indicated for the tree size. The surface area and subsoil directly adjacent to street trees shall not be disturbed as follows:

TREE SIZE (diameter in inches)	MINIMUM UNDISTURBED RADIUS (measured from face of trunk)	MINIMUM DEPTH OF TUNNEL/BORE
less than 3"	3 feet	3 feet
3" through 8"	6 feet	3 feet
8+" through 14"	8 feet	4 feet
larger than 14"	10 feet	4 feet

___ The top four (4) feet of all excavations in the tree border (between the curb and sidewalk/property line) and in all boulevard medians shall be backfilled ONLY with clean, viable soil. NO concrete, slurry, gravel, stone, sand, or other such materials shall be used for backfill. Flush backfilled excavations to settle material. Restoration shall be to original grade, unless otherwise specified.

___ Cables, ducts, conduits, gas lines, and all other underground utilities installed in tree borders (between the curb and sidewalk/property line) and in all boulevard medians shall be placed so any topmost surface or part is at a minimum depth of three (3) feet.

X Care shall be taken not to damage tree trunks and branches. The Bureau of Forestry shall be contacted at least three (3) business days prior to the set-up for any construction to discuss problems of overhanging branches which may be damaged.

___ Box-out(s) shall be constructed as per City specifications.
___ Grate(s) shall be provided by property owner.
___ Guard(s) shall be provided by property owner.

NOTE: NO EXCAVATION IS ALLOWED CLOSER THAN 10FT. FROM TRUNK FACE OF ANY CITY STREET TREE.

DEPOSIT REQUIRED: $_____

ENVIRONMENTAL ASSOCIATES, INC.

P.O. Box 136 ▪ Thiensville, Wisconsin 53092
OFFICE: 262.242.1088 ▪ TOLL FREE: 800.494.4645 ▪ FAX: 262.242.6554 ▪ www.eaiwi.com

October 15, 2003

Mr. Lee Delcore
Wisconsin Department of Commerce
101 W Pleasant Street, Suite 100A
Milwaukee WI 53212-3963

Re: Monitoring Well Abandonment Condition for Case Closure of Silver Terrace Strip Mall, 5821-5835 W. Silver Spring Drive, Milwaukee (WDNR BRRTS #03-41-169385) (COMM #53218-3269-35)

Dear Mr. Delcore:

This letter is written at your request to document our telephone conversation last week regarding conditional closure of the above referenced case. On June 12, 2003, our Client, Mr. Fred Wein, received a conditional closure letter for WDNR BRRTS #03-41-169385. This case file was related to three fuel oil USTs that were removed from the property in 1997. Closure of this case is conditional upon the abandonment of three monitoring wells that were installed in the vicinity of these fuel oil tank beds (MW5, MW6 and MW7).

As we discussed last week, these wells are currently being used to monitor chlorinated solvent contamination related to a former dry cleaning operation under a separate WDNR activity number (BRRTS #02-41-191377). **Therefore, we respectfully request that these wells not be required to be abandoned at this time.** The groundwater monitoring that is being conducted is part of a remedial action plan that was approved by DNR in May of 2003.

If you have any questions, or need any additional information, please contact us at 262-242-1088.

Sincerely,
Environmental Associates, Inc.

Joe Michaelchuck, P.E.
Senior Engineer

cc: Fred Wein – Silver Terrace Shopping Center, LLP
Dennis Fisher – Meissner, Tierney, Fisher and Nichols, S.C.
Greg Michael – COMM
File
Enc: COMM Correspondence dated June 12, 2003

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
101 West Pleasant Street, Suite 100A
Milwaukee, Wisconsin 53212-3963
TDD #: (608) 264-8777
Fax #: (414) 220-5374
http://www.commerce.state.wi.us
http://www.wisconsin.gov
Jim Doyle, Governor
Cory L. Nettles, Secretary

Wisconsin
Department of Commerce

June 12, 2003

RECEIVED
JUN 16 2003
ENVIRONMENTAL
ASSOCIATES, INC.

Mr. Fredric Wein
PO Box 17396
Milwaukee, WI 53217

RE: **Conditional Case Closure**

Commerce # 53218-3269-35 WDNR BRRTS # 03-41-169385
Silver Terrace Strip Mall, 5821-5835 W. Silver Spring Dr., Milwaukee

Three fuel oil underground storage tanks removed/abandoned June 1997

Dear Mr. Wein:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure prepared by your consultant, Environmental Associates, Inc. It is understood that residual soil contamination remains on-site. Commerce has determined that this site does not pose a significant threat to the environment and human health. No further investigation or remedial action is necessary.

The following condition must be satisfied to obtain final closure:

- All monitoring wells must be properly abandoned and the appropriate documentation forwarded to me at the letterhead address.

This letter serves as your written notice of "no further action". Timely filing of your final PECFA claim (if applicable) is encouraged. If your claim is not received within 120 days of the date of this letter, interest costs incurred after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (414) 220-5375.

Sincerely,

Greg Michael
Hydrogeologist
Site Review Section

cc: Environmental Associates, Inc.
Case File

ERS-5524-E (R. 4/98)

53218-3069-35

ENVIRONMENTAL ASSOCIATES, INC.

P.O. Box 136 ▪ Thiensville, Wisconsin 53092
OFFICE: 262.242.1088 ▪ TOLL FREE: 800.494.4645 ▪ FAX: 262.242.6554 ▪ www.eaiwi.com

April 24, 2003

RECEIVED
APR 28 2003
ERS DIVISION
MILWAUKEE

Site Reviewer
Wisconsin Department of Commerce
Environmental & Regulatory Services
101 West Pleasant Street—Suite 205
Milwaukee, WI 53212

Re: Request for Closure, Silver Terrace Shopping Center (Fuel Oil Tanks), 5821-5835 West Silver Spring Drive, Milwaukee, Wisconsin (BRRTS #03-41-169385) (FID #241931910)

Dear Site Reviewer:

The purpose of this correspondence is to provide the Wisconsin Department of Commerce (COMM) a reporting of the tank closure assessment and site investigation, and to request closure of this site with respect to fuel oil contamination at the Silver Terrace Shopping Center (Figure 1, Attachment B). It should be noted that this site is also the location of a chlorinated solvent release that is being investigated/remediated under a separate BRRTs number (02-41-191377). Investigation results reveal solvent and fuel oil contamination are not commingled at the site; therefore, it is the opinion of Environmental Associates that COMM has jurisdiction for this release.

At the request of Mr. Fred Wein, Environmental Associates notified the Wisconsin Department of Natural Resources (WDNR) of a fuel oil release at this site on August 6, 1997. The WDNR subsequently notified Mr. Wein of his responsibility to assess the extent of contamination and select and implement the most appropriate remedial action. A copy of this WDNR correspondence is included in Attachment A.

Tank Closure Assessment Results

On June 26, 1997 A-1 Tank Removal (A-1) of Menomonee Falls, Wisconsin removed one (1) 1,000 gallon fuel oil UST (Tank #1) from the site. On June 27, 1997, A-1 returned to the site and abandoned the two remaining 1,000-gallon (Tank #2) and 550-gallon (Tank #3) fuel oil USTs in place when it was discovered the tanks extended beneath the City of Milwaukee sidewalk and could not be removed without damaging the sidewalk. The locations of the former fuel oil tanks are indicated on Figure 2, Attachment B.

Prior to tank removal activities, A-1 Tank subcontracted National Tank Service of Wisconsin of West Allis, Wisconsin (National Tank) to remove any liquids contained within the tanks. Environmental Associates was contracted by Mr. Fred Wein to observe and document UST removal/abandonment activities and evaluate local soil quality conditions.

UST System Construction

All three UST's (Tanks 1, 2 and 3) were found to be similarly constructed of ¼ inch welded plate steel and were observed to be in poor condition with heavy corrosion and pitting. A ½-inch hole was observed near the base of Tank #1 at the time of removal. Product supply and vent piping from all three tanks was found to be constructed of heavily corroded ½ inch bare steel. All piping was physically removed from the property during UST closure activities. A total of 300 gallons of fuel oil and 1,925 gallons of water were pumped out of the three tanks during tank closure activities. Disposal manifests for the waste fuel oil and contaminated water removed from the tank systems are included in Attachment E.

Soil Sampling Methods and Results

During tank removal/abandonment activities, Environmental Associates carefully examined in place and excavated soil for the presence of discharged petroleum product. Representative samples were subjected to PID headspace analyses to identify the presence of VOC's such as those related with petroleum product. The locations where soil samples were collected during the tank closure assessment are presented on Figure 2 (Attachment B).

Soil screening was performed using a Thermo Environmental Instruments Model 580 B Organic Vapor Monitor (OVM) calibrated with 0.0 ppm ambient air and 250 ppm Isobutylene span gas. During soil sample collection, a portion of each sample was transferred into a clean, resealable sample container and allowed to equilibrate in a warm location (i.e. 60° F to 70° F) for approximately 20 to 30 minutes. After stabilization, the PID probe extension was inserted into the container seal and the highest stable PID reading occurring within 10 to 20 sections was recorded. Odor and appearance of the soil samples were also noted during field screening efforts.

Native soils adjacent to Tanks #1, #2 and #3 consisted of silty clay soil. A small amount of what was believed to be perched groundwater was observed within the Tank #1 excavation area at a depth of approximately 9 feet below grade. Environmental Associates personnel observed petroleum contaminated backfill material only within the tank beds of Tanks #1, #2 and #3. No free product was observed during the assessment.

One soil sample was collected at the center of the Tank #1 excavation to document if soil quality had been contaminated by a fuel oil release. Soil sample "Tank 1" was collected within native soil at a depth of 18 inches beneath the former tank bed and submitted to U.S. Oil Co., Inc. Analytical Laboratory (U.S. Analytical) of Kimberly, Wisconsin for analysis of DRO. After completion of soil inspection activities, the Tank #1 excavation area was backfilled and brought to surface grade. Laboratory analytical results revealed no DRO in soil collected at this location (to within laboratory method of detection limits). Soil analytical results from tank closure activities are summarized on Table 1 (Attachment C). The full laboratory analytical report is presented in Attachment D.

As Tank #2 and Tank #3 were not removed from the site, but were cleaned and abandoned in place, soil samples were collected near the north ends of these tanks. Samples were collected within native soil at a depth of approximately 18 inches beneath the north end of the base of each tank and submitted to U.S. Analytical for analysis of DRO. After completion of soil inspection activities, the tanks were abandoned in compliance with COMM 10 and areas around each tank were backfilled to match existing grade. Analytical results indicated soil contained 1,900 mg/kg DRO beneath Tank #3 and 460 mg/kg DRO beneath Tank #2. Soil analytical results from tank closure activities are summarized on Table 1 (Attachment C). The full laboratory analytical report is presented in Attachment D.

Tank closure checklists (WDILHR Form SBD-8951), underground petroleum product tank inventory forms (WDILHR Form SBD 7437) and tank waste disposal manifests are included in Attachment E of this report.

Site Investigation Results

On June 3, 1998, Environmental Associates advanced three monitoring wells, MW-5, MW-6, and MW-7, in the vicinity of the tank locations (Figure 3, Attachment B). Environmental Associates returned to the site on November 3, 1998 and installed downgradient monitoring well MW-9.

Site Investigation Soil Sampling Methods and Results

Soil samples were collected during the installation of monitoring wells MW-5, MW-6 and MW-7 from ground surface to borehole completion depth. All samples were collected using hollow stem augers and standard split spoon sampling techniques in accordance with American Society for Testing and Materials (ASTM) Procedure D, 1586 ("Penetration Test and Split Barrel Sampling of Soils"). Downhole soil sampling equipment was washed with trisodium phosphate soap and double rinsed with potable water between subsequent samples.

Borehole logs were completed by Environmental Associates personnel in general conformance with ASTM Method 2488. The logs include information on soil type, gradation, plasticity, color, moisture content, estimated group symbol and genetic origin. Soil boring log information forms (Soil Boring Log Information Form 4400-122) are presented in Attachment F.

Soil samples collected for laboratory analysis were immediately placed in a clean, dry glass jar lined with a teflon lined lid, and preserved for laboratory analysis. Soil samples collected for laboratory analysis were submitted under chain of custody to U.S. Analytical Laboratory (WDNR Certification No. 445027660) for analysis of VOC and/or DRO.

Laboratory analytical results for soil samples collected from boreholes MW-5, MW-6, MW-7 and MW-9 during the site investigation are summarized on Table 2, Attachment C. As indicated

on Table 3, no fuel oil contamination was detected in soil collected from these boreholes. The laboratory analytical reports for these samples are presented in Attachment G.

Site Investigation Groundwater Monitoring Methods and Results

Environmental Associates has conducted ten groundwater monitoring events since tank closure activities in the summer of 1997. Based on the results of groundwater monitoring in the vicinity of the former tanks (MW-5, MW-6, MW-7 and MW-9), groundwater has not been contaminated by the observed fuel oil releases. The only fuel oil related compound detected in groundwater at the site occurred in monitoring well MW-7 on November 16, 1998, where naphthalene was detected at 1.2 ug/L. However, because this result is below the laboratory limit of quantitation, it is not statistically verifiable and is, therefore, considered "suspect". Furthermore, this result is well below the preventive action limit (PAL) for naphthalene, which is 40 ug/L. Groundwater monitoring results are summarized on Table 3, Attachment C. Copies of the full laboratory analytical reports including chain of custody documentation for these samples have been submitted to the WDNR under a separate activity number for this site (WNDR Activity No. 02-41-191377).

Conclusions and Recommendations

Contamination associated with the former Tank #1 UST system was found to be limited to the backfill materials within the excavation area at the time the tank was removed. Analytical results from soil collected within native soil beneath the tank bed confirmed that fuel oil contamination had not migrated vertically beneath the former tank beds.

Field observations during tank removal/abandonment activities indicated soil beneath the north ends of Tank #2 and Tank #3 had been contaminated by an apparent fuel oil release. However, the results of the site investigation indicated residual soil contamination in the vicinity of Tank #2 and #3 had not migrated vertically, and has not impacted groundwater at the site. Depth to groundwater measurements are presented on Table 4, Attachment C.

Environmental Associates has conducted ten rounds of groundwater monitoring since tank closure assessment activities in the summer of 1997. Based on the results of groundwater monitoring in the vicinity of the former tanks (MW5, MW6, MW7 and MW-9), there is no fuel oil contamination in groundwater at the site. The only fuel oil related compound detected in groundwater on the southern portion of the property was naphthalene, which was detected at a concentration below the laboratory limit of quantitation (1.2 ug/l) on November 2, 1998. Naphthalene was not detected in any of the site monitoring wells during previous any of the previous or subsequent sampling events.

Based on field observations during tank closure assessment activities and the results of groundwater monitoring in the vicinity of the former fuel oil tanks, Environmental Associates recommend no further action with respect to fuel oil contamination at the property.

Environmental Associates, Inc. (Environmental Associates) appreciates this opportunity to provide environmental consultation, and looks forward to working with you throughout the duration of this project. This report is rendered solely for the benefit of Silver Terrace Shopping Center LLP and Mr. Fred Wein, and is limited to the scope of services described herein. This report is not to be copied, quoted, filed with any governmental authority or third party, or used for any other purpose without Environmental Associates expressed written consent. Additionally, the results of this study are based upon the professional interpretation of the information made available and/or provided to Environmental Associates. Environmental Associates has assumed that the information provided by others is correct and complete.

The observations of the quality of samples collected are specific to the physical location and time of sample collection; consequently, sample quality may vary given the passage of time and/or alternate sample location(s).

We hope this information meets your needs. If you have any questions or require additional information or clarification, please call us at your convenience at (414) 242-1088. Environmental Associates has appreciated working with you on this very important project.

Sincerely,
Environmental Associates, Inc.

Rebecca Rewey, E.I.T.
Staff Engineer

Joe Michaelchuck, P.E.
Senior Engineer
COMM Site Assessor Cert. No. 46996

cc: File
Fred Wein – Silver Terrace Shopping Center LLP
Dennis Fisher – Meissner Tierney Fisher & Nichols

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region Annex
4041 N. Richards Street, Box 12436
Milwaukee, WI 53212-0436
TELEPHONE 414-229-0800
FAX 414-229-0810

August 27, 1997

BRRTS# : 03-41-169385
Facility ID#: 241931910
BRR/LUST

FRED & SARA WEIN
BOX 17396
MILWAUKEE WI 53217

SUBJECT: Reported Contamination at 5821-5835 W. Silver Spring Dr., Milwaukee

To speed processing, correspondence should reference BRRTS & FID numbers at top of letter.

Dear Mr. & Ms. Wein:

On 8-6-97 Joe Michaelchuck of Environmental Associates informed the Department that fuel oil which leaked from underground storage tanks caused soil contamintion and potential groundwater contamination at the subject address.

Based on the information submitted to the Wisconsin Department of Natural Resources (WDNR), we believe you are responsible for restoring the environment at the referenced site under Section 292, Wisconsin Stats., known as the hazardous substances spills law. Utilizing information submitted to the Department, this case has been assigned an unknown ranking due to the lack of information concerning soil and groundwater contamination.

WDNR Southeast Region Prioritization and Scoring Policy

Due to the WDNR workload, it is necessary to rank all contamination cases for review priority. Lower priority cases do not have assigned project managers, however, responsible parties are required to proceed with investigation and clean-up efforts. Until a priority has been assigned to this site, you should proceed with the required response work, submitting all plans and reports, along with status reports, to this office. The WDNR will notify you if your site will receive active oversight.

Your responsibilities include investigating the extent of the contamination and then selecting and implementing the most appropriate remedial action. Enclosed is information to help you understand what you need to do to ensure your compliance with the spills law.

The purpose of this letter is threefold: 1) to describe your legal responsibilities, 2) to explain what you need to do to investigate and clean up the contamination, and 3) to provide you with information about cleanups, environmental consultants, possible financial assistance, and working cooperatively with the Department of Natural Resources.

Legal Responsibilities:
Your legal responsibilities are defined both in statute and in administrative codes. The hazardous

substances spill law, Section 292.11 (3) Wisconsin Statutes, states:

* RESPONSIBILITY. A person who possesses or controls a hazardous substance which is discharged or who causes the discharge of a hazardous substance shall take the actions necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air, lands, or waters of the state.

Wisconsin Administrative Codes chapters NR 700 through NR 728 establish requirements for emergency and interim actions, public information, site investigations, design and operation of remedial action systems, and case closure. Chapter NR 708 includes provisions for immediate actions in response to limited contamination. Wisconsin Administrative Code chapter NR 140 establishes groundwater standards for contaminants that reach groundwater.

Steps to Take:
The longer contamination is left in the environment the farther it can spread and the more it may cost to clean up. Quick action may lessen damage to your property and neighboring properties and reduce your costs in investigating and cleaning up the contamination. To ensure that your cleanup complies with Wisconsin's laws and administrative codes, you should hire a professional environmental consultant who understands what needs to be done. These are the first four steps to take:

1. By 10-10-97, please submit written verification (such as a letter from the consultant) that you have hired an environmental consultant. You will need to work quickly to meet this timeline.

2. By 11-21-97, your consultant must submit a workplan and schedule for the investigation. The consultant must follow the DNR administrative codes and technical guidance documents. Please include with your workplan a copy of any previous information that has been completed (such as an underground tank removal report or a preliminary excavation report).

3. Please inform DNR of what is being done at your site. Submittal requirement timelines depend on the contaminants at the site. As described in Chap. NR 700.11, if the site meets criteria for a "simple site", progress reports must be submitted semi-annually, beginning 6 months from the initial notification date. If the site meets criteria for a "complex site", the site investigation report and a draft remedial options report must be submitted to DNR within 30 days of completion of both reports. Your consultant must clearly document the extent and degree of soil and groundwater contamination and submit a proposal for cleaning it up.

4. For complex sites, per chapter NR 724.13(3), you or your consultant must provide a brief report at least every 90 days, starting after the remediation system begins operation. The reports should summarize the work completed since the last report. Quarterly reports need only include one or two pages of text, plus any relevant maps and tables. However, should conditions at your site warrant, we may require more frequent contacts with the Department.

Due to the number of contaminated sites and our staffing levels in DNR's Southeast Region, we will be unable to provide workplan approvals for investigations or remedial actions. To maintain your compliance with the spills law and chs. NR 700 through NR 728, do not delay the investigation and cleanup of your site by waiting for DNR response. We have provided detailed technical guidance to environmental consultants. Your consultant is expected to know our technical procedures and administrative codes and should be able to answer your questions on meeting cleanup requirements.

Your correspondence and reports regarding this site should be sent to:

Michael Farley, BRR Program Assistant
Wisconsin Department of Natural Resources
Box 12436
4041 N Richards St
Milwaukee WI 53212

Unless otherwise requested, please send only one copy of plans and reports. To speed processing, correspondence should reference the BRRTS and FID numbers shown at the top of this letter.

Information for Site Owners:
Enclosed is a list of environmental consultants and some tips on selecting one. If you are eligible for reimbursement of costs under Wisconsin's PECFA program (see last paragraph) you will need to compare at least three consultants' proposals before hiring a consultant. Consultants and laboratories working in the PECFA program are required to carry errors and omissions insurance to help protect you against unsuitable work. Also enclosed are materials on controlling costs, understanding the cleanup process, and choosing a site cleanup method. Please read this information carefully.

If you are interested in obtaining the protection of limited liability under s. 292, Stats., please call 1-800-367-6076 in DNR's Madison office for more information. The liability exemption under s. 292 Stats., is available to persons who meet the definition of "purchaser" in s. 292 and receive DNR approval for the response actions taken at the property undergoing cleanup. DNR will determine eligibility for this program on a case-by-case basis, prior to the "purchaser" developing a scope of work for conducting a ch. NR 716 site investigation.

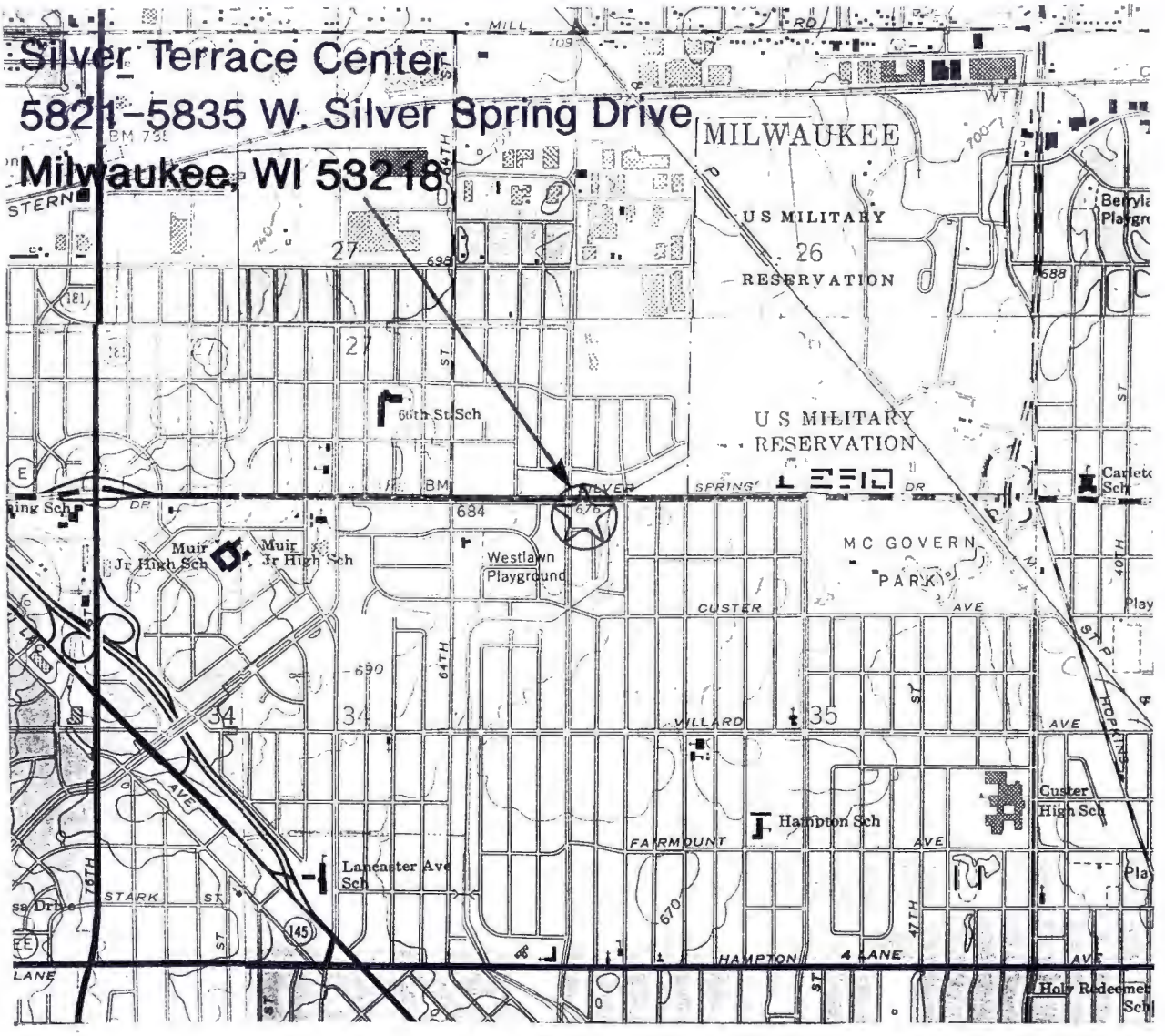
Financial Information:
Reimbursement from the Petroleum Environmental Cleanup Fund (PECFA) is available for the costs of cleaning up contamination from eligible petroleum storage tanks. The fund is administered by the Department of Industry, Labor, and Human Relations (DILHR). Please contact DILHR at (608) 266-2424 for more information on eligibility and regulations for this program.

Thank you for your cooperation.

Sincerely,

Michael G. Farley
Program Assistant
414-229-0808

cc: Joe Michaelchuck, EA



SCALE 1:24000

1 1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

Contour Interval of 10 Feet

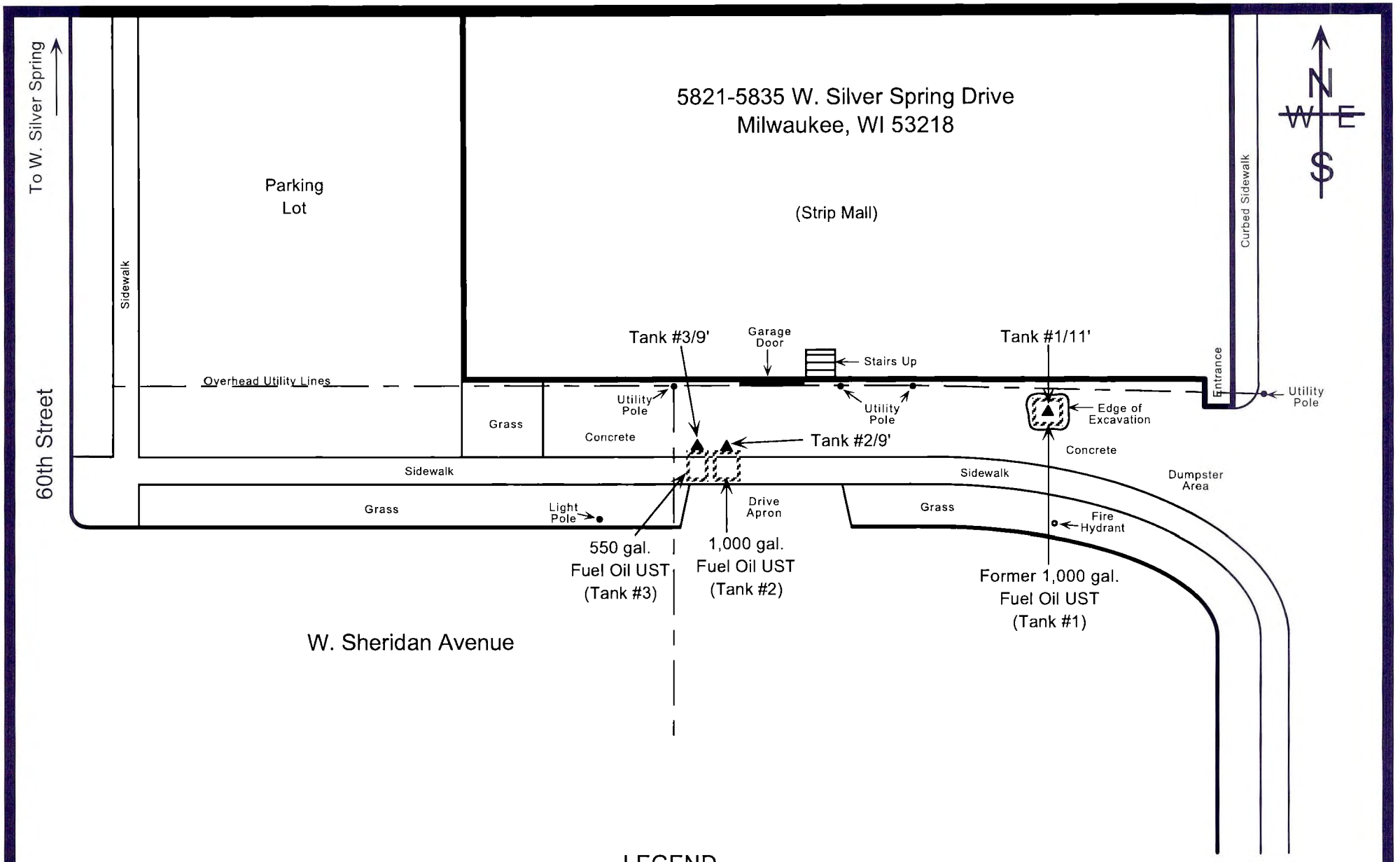
N
W E
S

QUADRANGLE LOCATION
Milwaukee Quadrangle

FIGURE 1
Site Location Map and Local Topography

Environmental Associates, Inc.

Drawn by:	RRG	Drawing:	98-06598-1
	4-24-98	File:	FIGURE 1



LEGEND

Tank# 1/11' ▲ — UST Closure Sample Name/ Depth Below Surface (ft)

FIGURE 2
Fuel Oil UST Closure Sample Locations

Scale : 1" = 30'

Environmental Associates, Inc.

Drawn by:	RRG	Checked by:			Drawing 98-06598-2
	6-30-97	Approved by:			File 598-ust1.cvs

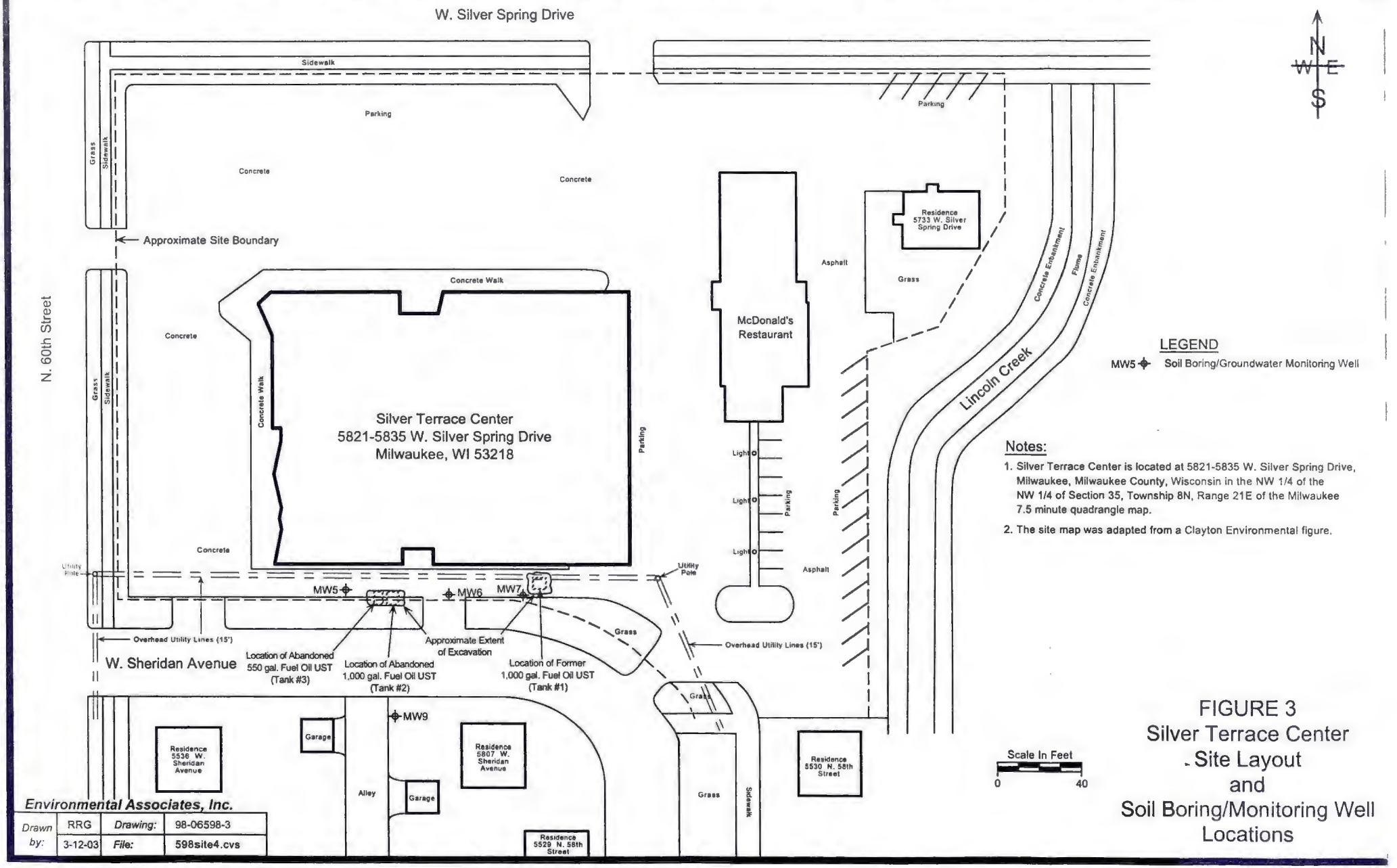
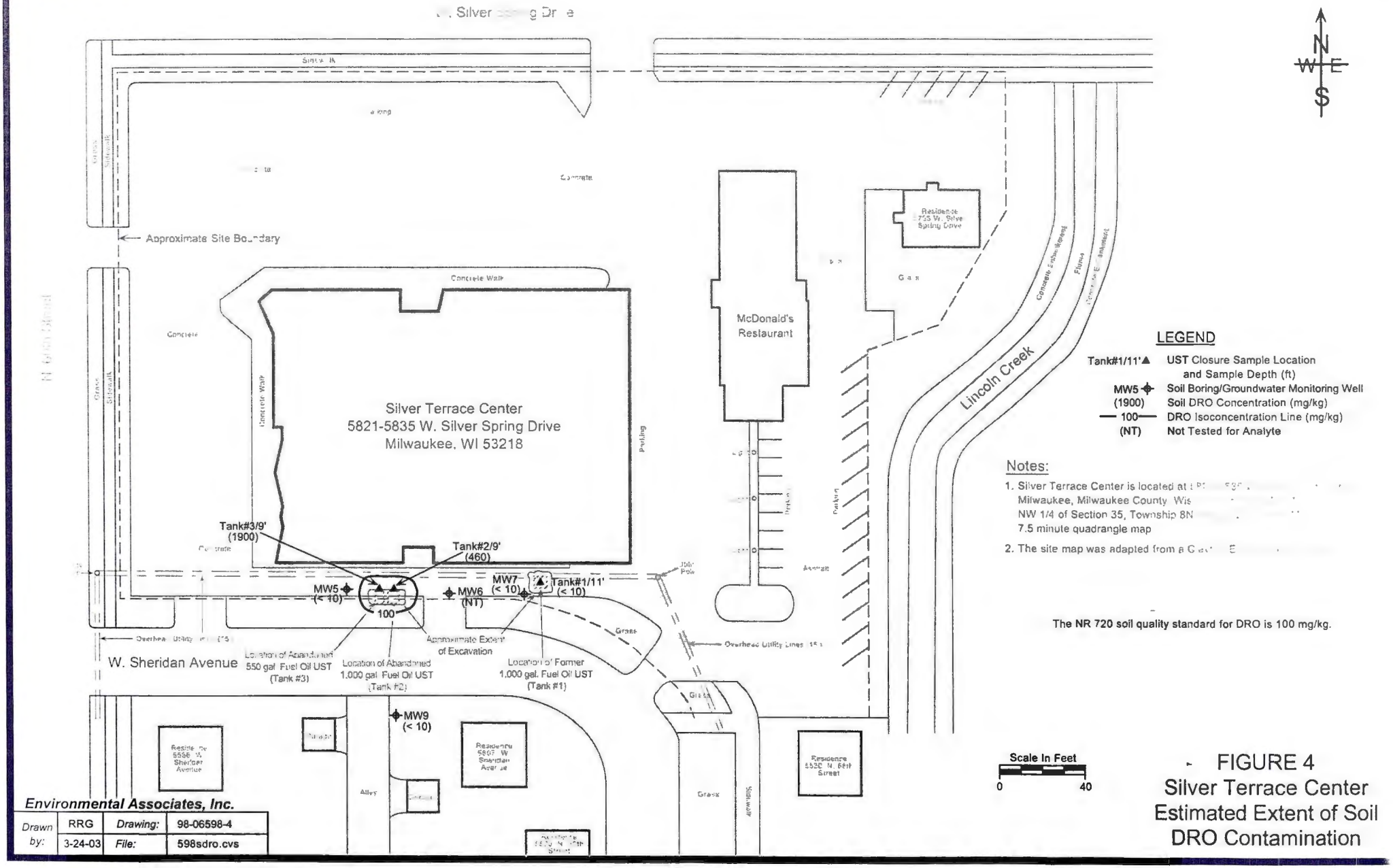


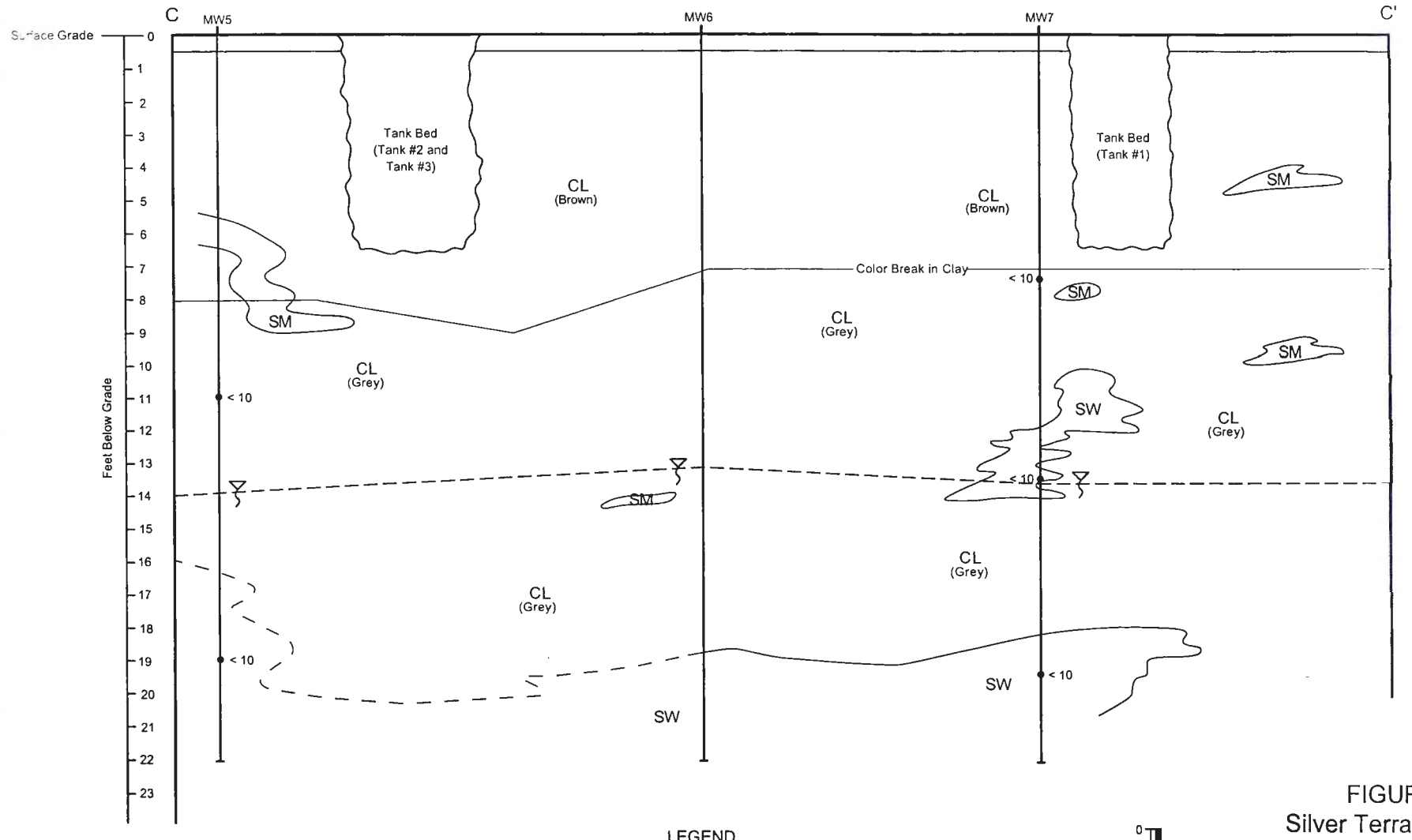
FIGURE 3
Silver Terrace Center
Site Layout
and
Soil Boring/Monitoring Well Locations



Environmental Associates, Inc.

Drawn by:	RRG	Drawing:	98-06598-4
	3-24-03	File:	598sdro.cvs

FIGURE 4
Silver Terrace Center
Estimated Extent of Soil
DRO Contamination



LEGEND

< 10 ● Soil Sampling Point and DRO Concentration (mg/kg)

Groundwater Table (8/25/99)

Horizontal Scale In Feet

0 10

0 3 Vertical Scale In Feet

FIGURE 5
Silver Terrace Center
Geologic Cross-Section C - C'
and
Estimated Extent of
DRO Soil Contamination

Environmental Associates, Inc.

Drawn by:	RRG	*Drawing:*	98-06598-5
	7-28-98	*File:*	xcc-dro.cvs

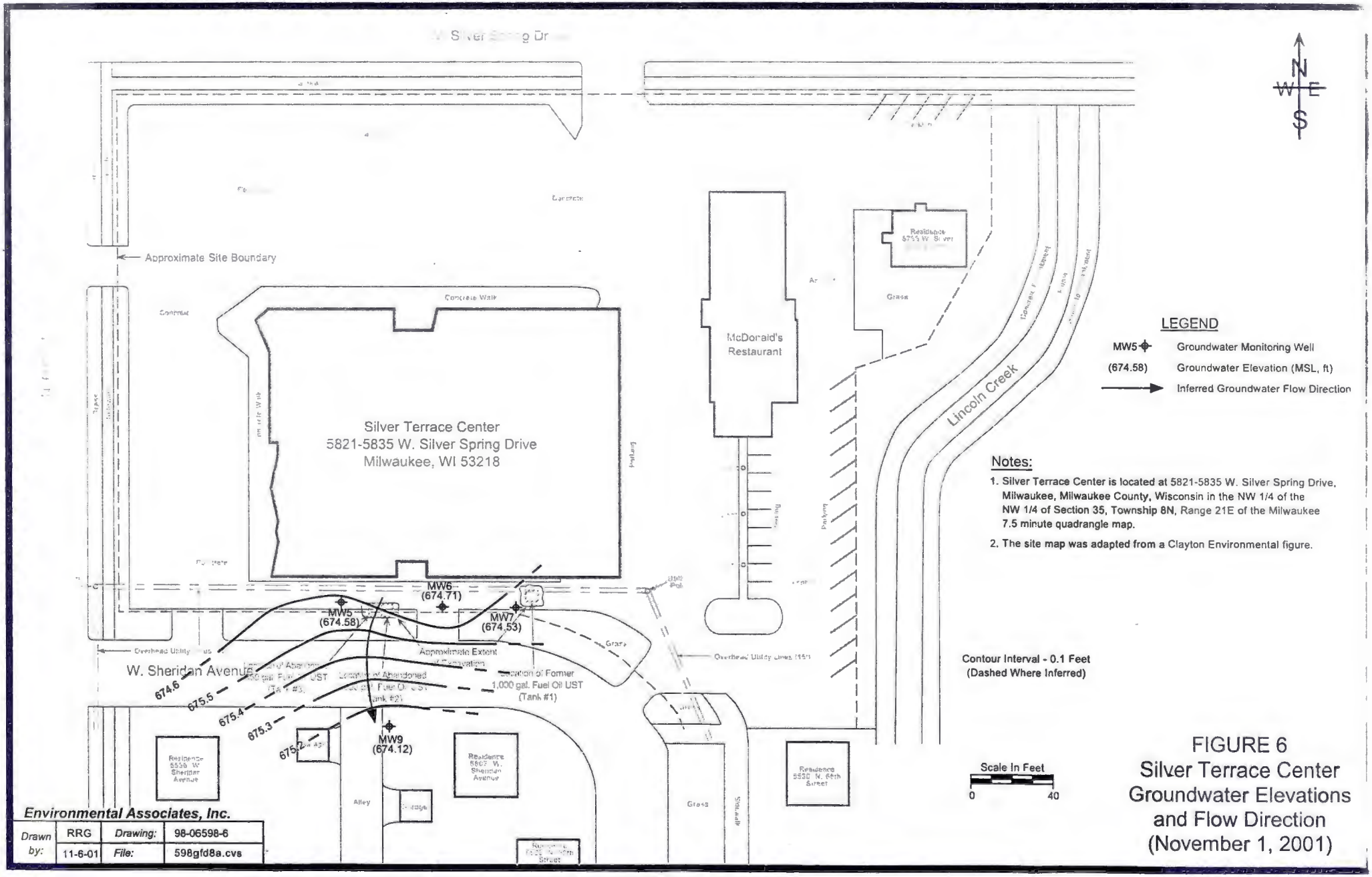


FIGURE 6
Silver Terrace Center
Groundwater Elevations
and Flow Direction
(November 1, 2001)

Environmental Associates, Inc.

Drawn by:	RRG	Drawing:	98-06598-6
	11-6-01	File:	598gfd8a.cvs

Table 1: Summary of Soil Quality Analytical Results, Fuel Oil Tank Closure Assessment, Silver Terrace Center, 5821-5835 West Silver Spring Drive, Milwaukee, Wisconsin

Sample Location			**Tank #1**	**Tank #2**	**Tank #3**
Sample Name			Tank #1	Tank #2	Tank #3
Sampling Interval in Feet		**720.09**	11'	9'	9'
Soil Type		**Generic Soil**	CL	CL	CL
Sample Collection Date		**Standards**	6/26/97	6/27/97	6/27/97
Environmental Associates Results					
WDNR Modified TPH:					
Diesel Range Organics (DRO)	mg/kg	100	<10	460	1,900
Total Solids	%	--	82.4	81.8	81.4
Photo-Ionization Detector (PID)	ppm i.u.	--	53	78	29

Footnotes:
PID = Photo-ionization Detector
mg/kg = Milligrams per kilogram
ppm = Parts per Million
i.u. = instrument units
"J" Flag = Analyte Detected Between
Laboratory Limit of Detection
and Limit of Quantitation
-- = Not Analyzed or No Established WAC NR
720.09 Soil Cleanup Standard

Table 2: Summary of Site Investigation Soil Quality Results, Silver Terrace Center, 5821-5835 West Silver Spring Drive, Milwaukee, Wisconsin

Sample Location		WAC NR	MW-5		MW-6		MW-7		
Sample Name		720.09	MW-5(10-12)	MW-5(18-20)	MW-6(12-14)	MW-6(18-20)	MW-7(6-8)	MW-7(12-14)	MW-7(18-20)
Sampling Interval in Feet		Soil	10-12'	18-20'	12-14'	18-20'	6-8'	12-14'	18-20'
Sample Collection Date	units	Standards	6/3/98	6/3/98	6/3/98	6/3/98	6/3/98	6/3/98	6/3/98
WDNR Modified TPH:									
Diesel Range Organics (DRO)	mg/kg	100	<10	<10	NT	NT	<10	<10	<10
Total Solids	%	--	88.7	82.1	--	--	82.7	83.9	83.2
Selected Petroleum Volatile Organic Compounds (VOC):									
Toluene	ug/kg	1,500	<25	<25	<25	<25	<25	<25	<25
Xylenes	ug/kg	4,100	<75	<75	<75	<75	<75	<75	<75
Total Trimethylbenzenes	ug/kg	--	<50	<50	<50	<50	<50	<50	<50
Naphthalene	ug/kg	--	<25	<25	<25	<25	<25	<25	<25
Selected Solvent Volatile Organic Compounds (VOC):									
Vinyl Chloride	ug/kg	--	<25	<25	<25	<25	<25	<25	<25
cis-1,2 Dichloroethene	ug/kg	--	<25	<25	<25	<25	<25	<25	<25
Trichloroethene	ug/kg	--	<25	<25	<25	<25	<25	<25	<25
Tetrachloroethene	ug/kg	--	<25	<25	<25	<25	<25	<25	<25
Flame-Ionization Detector (FID)	i.u.	--	0	0	0	0	2.5	0	0

Footnotes:

TPH = Total Petroleum Hydrocarbons

mg/kg = Milligrams per Kilogram

ug/kg = Micrograms per Kilogram

i.u. = Instrument Units

-- = Not Analyzed or No Established WAC NR 720.09 Soil Cleanup Standard

** = Combined Total Xylene Standard

Table 2: Summary of Site Investigation Soil Quality Results, Silver Terrace Center, 5821-5835 West Silver Spring Drive, Milwaukee, Wisconsin

Sample Location		WAC NR	MW-9				
Sample Name		720.09	MW-9(5-7)	MW-9(13-15)	MW-9(15-17)	MW-9(17-19)	TRIP
Sampling Interval in Feet		Soil	5-7'	13-15'	15-17'	17-19'	--
Sample Collection Date	units	Standards	11/3/98	11/3/98	11/3/98	11/3/98	6/3/98
WDNR Modified TPH:							
Diesel Range Organics (DRO)	mg/kg	100	--	<10	--	<10	--
Total Solids	%	--	--	87.6	--	87.6	--
Selected Petroleum Volatile Organic Compounds (VOC):							
Toluene	ug/kg	1,500	<25	<25	--	<25	<25
Xylenes	ug/kg	4,100	<75	<75	<75	<75	<75
Total Trimethylbenzenes	ug/kg	--	<50	<50	<50	<50	<50
Naphthalene	ug/kg	--	<25	<25	<25	<25	<25
Selected Solvent Volatile Organic Compounds (VOC):							
Vinyl Chloride	ug/kg	--	<25	<25	--	<25	<25
cis-1,2 Dichloroethene	ug/kg	--	<25	<25	--	140	<25
Trichloroethene	ug/kg	--	<25	<25	--	47	<25
Tetrachloroethene	ug/kg	--	<25	<25	--	<25	<25
Flame-Ionization Detector (FID)	i.u.	--	0	0	0	0	--

Footnotes:

TPH = Total Petroleum Hydrocarbons

mg/kg = Milligrams per Kilogram

ug/kg = Micrograms per Kilogram

i.u. = Instrument Units

-- = Not Analyzed or No Established WAC NR 720.09 Soil Cleanup Standard

** = Combined Total Xylene Standard

Table 3: Summary of Groundwater Quality Results, Silver Terrace Center, 821-5835 W. Silver Spring Drive, Milwaukee, Wisconsin

Parameter	Units	ES	PAL	Date	MW-5	MW-6	MW-7	MW-9
Detected Petroleum (VOC) Analytes:								
Toluene	ug/L	1.000	200	6/17/98	<0.38	<0.38	<0.38	NI
				11/16/98	<0.38	<0.38	<0.38	<0.38
				2/25/99	<0.38	<0.38	<0.38	<0.38
				8/25/99	<0.38	<0.38	<0.38	<0.38
				8/16/00	NS	0.22	NS	0.22
				11/8/00	NS	<0.10	NS	<0.10
				3/1/01	NS	<0.10	<0.10	<0.10
				5/9/01	NS	<0.10	<0.10	<0.10
				8/7/01	NS	<0.10	<0.10	<0.39
				11/1/01	<0.10	<0.10	NS	<0.10
Total Xylenes (m/p-Xylenes + o-Xylene)	ug/L	10.000	1.000	6/17/98	<1.04	<1.04	<1.04	NI
				11/16/98	<1.04	<1.04	<1.04	<1.04
				2/25/99	<1.04	<1.04	<1.04	<1.04
				8/25/99	<1.04	<1.04	<1.04	<1.04
				8/16/00	NS	<0.25	NS	<0.25
				11/8/00	NS	<0.25	NS	<0.25
				3/1/01	NS	<0.25	<0.25	<0.25
				5/9/01	NS	<0.25	<0.25	<0.25
				8/7/01	NS	<0.25	<0.25	<1.1
				11/1/01	<0.25	<0.25	NS	<0.25
Total Trimethylbenzenes (1,2,4-TMB + 1,3,5-TMB)	ug/L	480	96	6/17/98	<0.70	<0.70	<0.70	NI
				11/16/98	<0.70	<0.70	<0.70	<0.70
				2/25/99	<0.70	<0.70	<0.70	<0.70
				8/25/99	<0.70	<0.70	<0.70	<0.70
				8/16/00	NS	<0.20	NS	<0.20
				11/8/00	NS	<0.20	NS	<0.20
				3/1/01	NS	<0.20	<0.20	<0.20
				5/9/01	NS	<0.20	<0.20	<0.20
				8/7/01	NS	<0.20	<0.20	<0.65
				11/1/01	<0.20	<0.20	NS	<0.20
See Attached Footnotes								
Naphthalene	ug/L	40	8	6/17/98	<0.73	<0.73	<0.73	NI
				11/16/98	<0.73	<0.73	1.2	<0.73
				2/25/99	<0.73	<0.73	<7.3	<0.73
				8/25/99	<0.73	<0.73	<0.73	<0.73
				8/16/00	NS	<0.25	NS	<0.25
				11/8/00	NS	<0.25	NS	<0.25
				3/1/01	NS	<0.25	<0.25	<0.25
				5/9/01	NS	<0.25	<0.25	<0.25
				8/7/01	NS	<0.25	<0.25	<0.35
				11/1/01	<0.25	<0.25	NS	<0.25

Footnotes:

ES = WAC NR 140.10 Table 1 Groundwater Quality Enforcement Standard

PAL = WAC NR 140.10 Table 1 Groundwater Quality Preventative Action Limit

< = Not detected above laboratory method detection valuc given

NI = Not Installed

AB = Abandoned Well

NS = Not Sampled

ug/L - Micrograms per Liter

Bold Value = ES Exceedence

Table 4: Groundwater Elevations and Depth to Groundwater, Silver Terrace Center, 5821-5835 W. Silver Spring Drive, Milwaukee, Wisconsin

Depth to Groundwater

Well Name	MW5	MW6	MW7	MW9
units	(feet)	(feet)	(feet)	(feet)
Date				
6/3/98	14.09	12.24	13.25	NI
6/17/98	13.20	12.63	12.90	NI
7/15/98	13.33	12.61	13.06	NI
11/16/98	14.77	14.20	14.38	14.88
2/24/99	13.91	13.40	13.69	14.13
8/25/99	13.95	13.30	13.61	14.11
8/16/00	13.55	12.67	13.19	13.50
11/8/00	13.34	13.77	12.98	13.12
3/1/01	12.97	12.48	12.63	12.78
5/9/01	12.18	11.69	11.85	11.84
8/7/01	13.49	12.78	13.21	13.52
11/1/01	13.75	13.18	13.43	13.77

Groundwater Elevations

Well Name	MW5	MW6	MW7	MW9
units	(feet)	(feet)	(feet)	(feet)
TOC Elevation*	688.33	687.90	687.97	688.45
TOC Elevation**	688.33	687.89	687.96	687.89
Date				
6/3/98	674.24	675.66	674.72	NI
6/17/98	675.13	675.27	675.07	NI
7/15/98	675.00	675.29	674.91	NI
11/16/98	673.56	673.70	673.59	673.57
2/24/99	674.42	674.50	674.28	674.32
8/25/99	674.38	674.60	674.36	674.34
8/16/00	674.78	675.23	674.78	674.95
11/8/00	674.99	674.13	674.99	675.33
3/1/01	675.36	675.42	675.34	675.67
5/9/01	676.15	676.20	676.11	676.05
8/7/01	674.84	675.11	674.75	674.37
11/1/01	674.58	674.71	674.53	674.12

Notes:
* = 6/3/98 Survey Conducted by Environmental Associates
** = 5/9/01 Survey Conducted by Environmental Associates
NI = Not Installed
AB = Abandoned Well

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
414-735-8295

WI DNR Certified Lab #445027660

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 14-Jul-97

Project #: 97-03540-002
Project : Wein Property
Sample ID: Tank #1
Lab Code: 5017616A
Sample Type: Soil
Sample Date: 26-Jun-97

Test	Result	LOD	LOQ	Unit	Dilution Factor	Date Analyzed:	Analyzed By:	QC Code
TOTAL SOLIDS	82.4			%		03-Jul-97	S.Dequaine	1
MODIFIED DRO WDNR SEP 95	< 10	1.7	5.5	MG/KG	1	10-Jul-97	D. Menominee	1

LOD = Limit of Detection

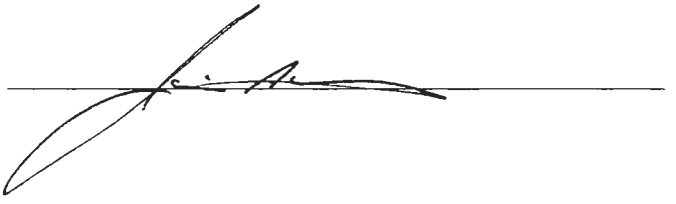
LOQ = Limit of Quantitation

QC SUMMARY

CODE:

1 All laboratory QC requirements were met for this sample.

Authorized Signature



U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
414-735-8295

WI DNR Certified Lab #445027660

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 14-Jul-97

Project #: 97-03540-002
Project : Wein Property
Sample ID: Tank #2
Lab Code: 5017616B
Sample Type: Soil
Sample Date: 27-Jun-97

Test	Result	LOD	LOQ	Unit	Dilution Factor	Date Analyzed:	Analyzed By:	QC Code
TOTAL SOLIDS	81.8			%		03-Jul-97	S.Dequaine	1
MODIFIED DRO WDNR SEP 95	460	1.7	5.5	MG/KG	1	10-Jul-97	D. Menominee	1

LOD = Limit of Detection

LOQ = Limit of Quantitation

QC SUMMARY

CODE:

1 All laboratory QC requirements were met for this sample.

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
414-735-8295

WI DNR Certified Lab #445027660

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 14-Jul-97

Project #: 97-03540-002
Project : Wein Property
Sample ID: Tank #3
Lab Code: 5017616C
Sample Type: Soil
Sample Date: 27-Jun-97

Test	Result	LOD	LOQ	Unit	Dilution Factor	Date Analyzed:	Analyzed By:	QC Code
TOTAL SOLIDS	81.4			%		03-Jul-97	S.Dequaine	1
MODIFIED DRO WDNR SEP 95	1900	34	110	MG/KG	20	10-Jul-97	D. Menominee	1

LOD = Limit of Detection

LOQ = Limit of Quantitation

QC SUMMARY

CODE:

1 All laboratory QC requirements were met for this sample.

Authorized Signature

CHAIN OF CUSTODY RECORD

Analytical Lab
1090 Kennedy Ave. Kimberly, WI 54136
(414) 735-8295 • FAX 414-739-1738 • 800-490-4902
USALAB@AOL.COM

Rev. Date: 2-19-96

Chain # Nº 7764

Page 1 of 1

Lab I.D. # 5017616

Account No. : Quote No.:

Project #: 97-03540-002

Sampler: (signature) Tony Martin

Project (Name / Location): Wein Property 60th & Silver Spring

Sample Integrity - To completed by receiving lab.
Method of Shipment : Courier Temp. of Temp. Blank. ____ °C On Ice: 1
Cooler seal intact upon receipt: X Yes ____ No

Reports To: Joe Michaelchuck	Invoice To: Fred Wein
Company Environmental Assoc	Company C/O Environmental Assoc.
Address P.O. Box 136	Address P.O. Box 136
City State Zip Thiensville, WI	City State Zip Thiensville, WI 53092
Phone (414) 242-1088	Phone (414) 242-1088

Sample Handling Request

___ Rush Analysis
Date Required ____

X Normal Turn Around

Lab I.D.	Sample I.D.	Collection Date	Collection Time	No. of Containers Size and Type	Description Water	Description Soil	Description Other (specify)	Preservation
5017616 A	Tank #1	6/26/97	11:45	2-2oz. jars		X		ICE
B	Tank #2	6/27/97	11:15	↓		X		↓
C	Tank #3	6/27/97	11:35			X		

Analysis Requested

DRO (Mod/TPH)	GRO (Mod/TPH)	PVOC (EPA 8020)	BTEX (EPA 8020)	VOC (EPA 8021)	O&G (EPA 413.1)	PAH (EPA 8310)	Pb	Flash Point	Other Analysis	PID/ FID
X										
X										
X										

Department Use Only

Split Samples: Offered ? ____ Yes ____ No
Accepted? ____ Yes ____ No
Accepted By: _____

Department Use Optional for Soil Samples

Disposition of unused portion of sample
Lab Should:
____ Dispose ____ Retain for ___ days
Return Other

Comments/ Special Instructions *(See reverse side for important reminders)*

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
Marcia Stephenson	10:45 AM	7-1-97	Ted Tallman	10:45	7/1/97
Ted Tallman	5:45	7-1-97			

Received in Laboratory By: _____ Date: 7-1 Time: 5:45

State of Wisconsin
Department of Commerce

WI Tank ID#: _____

UNDERGROUND PETROLEUM PRODUCT TANK INVENTORY

Information Required By Section 101.142, Wis. Stats.

Send Completed Form To:
Storage Tank, Permitting and Registration Section
P.O. Box 7969, Madison, WI 53707

3

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. Please see the reverse side for additional information on this program. An underground storage tank is defined as any tank with at least 10 percent of its total volume (including piping) located below ground level. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this tank by submitting a form? ☐ Yes ☒ No If yes, are you correcting/updating information only? ☐ Yes ☐ No

Personal information you provide may be used for secondary purposes. [Privacy Law, s. 15.04 (1)(m)]

This registration applies to a tank that is (check one):
1A. ☐ In Use or
1B. ☐ Newly Installed
2. ☐ Abandoned with Product
3. ☐ Abandoned No Product (empty) or with Water
4. ☐ Closed - Tank Removed
6. ☒ Closed - Filled with Inert Materials
7. ☐ Out of Service - Provide Date: _____
8. ☐ Ownership Change (Indicate new owner name in block 2)

Fire Department providing fire coverage where tank is located:
☐ City ☐ Village
☐ Town of 4070

A. IDENTIFICATION (Please Print)

1. Tank Site Name: Silver Terrace Center
Site Address: 5931 W. Silver Spring Rd
Site Telephone Number: ( )
☐ City ☐ Village ☐ Town of: Milwaukee
State: WI
Zip Code: 53218
County: Milw

2. Tank Owner Name: Fredric Wern
Mailing Address: 544 Cumberland ct
Telephone Number: 414-351-4248
☐ City ☐ Village ☐ Town of: Bay Side
State: WI
Zip Code: 53217
County: Milw

3. Previous Name:
Previous site address if different than #1:

4. Tank Age (date installed, if known or years old):
5. Tank Capacity (gallons): 1000
6. If more than one tank is located at facility, please provide tank #

B. TYPE OF USER (check one)

1. ☐ Gas/Retail Sales 2. ☐ Bulk Storage 3. ☐ Utility 4. ☒ Mercantile/Commercial 5. ☐ Industrial
6. ☐ Government 7. ☐ School 8. ☐ Residential 9. ☐ Agricultural 10. ☐ Other (specify):
11. ☐ Tribal Nation 12. ☐ Federal Property 13. ☐ Backup Generator

C. TANK CONSTRUCTION (check one)

1. ☐ Bare Steel 2. ☐ Cathodically Protected & Coated Steel (Check one: A. ☐ Sacrificial Anodes or B. ☐ Impressed Current)
3. ☐ Coated Steel 4. ☐ Fiberglass 5. ☐ Other (specify): _____
6. ☐ Lined - Date: _____ 7. ☐ Steel - Fiberglass Reinforced Plastic Composite 9. ☐ Unknown

Approval: 1. ☐ Nat'l Std. 2. ☐ UL 3. ☐ Other:
Is tank double walled? ☐ Yes ☒ No

Overfill Protection Provided? ☐ Yes ☐ No If yes, identify type:
Spill Containment? ☐ Yes ☒ No

Tank leak detection method: 1. ☐ Automatic tank gauging 2. ☐ Vapor monitoring 3. ☐ Groundwater monitoring
4. ☐ Inventory control and tightness testing 5. ☐ Interstitial monitoring
7. ☐ Manual tank gauging (only for tanks of 1,000 gallons or less) 8. ☐ Statistical Inventory Reconciliation (SIR)

D. PIPING CONSTRUCTION

1. ☒ Bare Steel 2. ☐ Cathodically Protected & Coated Steel (Check one: A. ☐ Sacrificial Anodes or B. ☐ Impressed Current)
3. ☐ Coated Steel 4. ☐ Fiberglass 5. ☐ Other (Specify): 9. ☐ Unknown

Vapor Recovery/Stage II
4. ☐ Fiberglass 6. ☐ Flexible 5. ☐ Other (specify):
☐ CARB #: _____
☐ Operational - Provide Date (mo/day/yr):

Piping System Type: 1. ☐ Pressurized piping with A. ☐ auto shutoff; B. ☐ alarm or C. ☐ flow restrictor
2. ☐ Suction piping with check valve at tank 3. ☐ Suction piping with check valve at pump and inspectable 4. ☐ Not needed if waste oil

Piping leak detection method: used if pressurized or check valve at tank: 1. ☐ Vapor monitoring 2. ☐ Interstitial monitoring
3. ☐ Groundwater monitoring 4. ☐ Tightness testing 5. ☐ Line leak detector 6. ☒ Not required 8. ☐ SIR

Approval: 1. ☐ Nat'l Std. 2. ☐ UL 3. ☐ Other:
Is pipe double walled? ☐ Yes ☒ No

E. TANK CONTENTS

1. ☐ Diesel 2. ☐ Leaded 3. ☐ Unleaded 4. ☒ Fuel Oil 5. ☐ Gasohol
6. ☐ Other (Specify): _____ 7. ☐ Empty* 8. ☐ Sand/Gravel/Slurry* 9. ☐ Unknown* 10. ☐ Premix
11. ☐ Waste/Used Motor Oil 13. ☐ Chemical _____ 14. ☐ Kerosene 15. ☐ Aviation
(Indicate chemical name and number)

* If 7, 8, or 9 is chosen, this tank is NOT PECFA eligible.

If Tank Closed, Abandoned or Out of Service, give date (mo/day/yr): 6-26-97 4215 7
Has a site assessment been completed (see reverse side for details)
☐ Yes ☒ No

Owner or Operator Name (please print): Fredric Wern
Indicate whether: ☒ Owner or ☐ Operator

Owner or Operator Signature: Fredric Wern
Date Signed: 6-26-97

IMPORTANT: Failure to provide sufficient information may cause you to fall under additional regulations, and may delay PECFA eligibility determination. It is necessary to complete ALL shaded areas and as many other items as possible.

State of Wisconsin
Department of Commerce

WI Tank ID#: _____

UNDERGROUND PETROLEUM PRODUCT TANK INVENTORY

Information Required By Section 101.142, Wis. Stats.

Send Completed Form To:
Storage Tank, Permitting and Registration Section
P.O. Box 7969, Madison, WI 53707

2

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. Please see the reverse side for additional information on this program. An underground storage tank is defined as any tank with at least 10 percent of its total volume (including piping) located below ground level. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this tank by submitting a form? ☐ Yes ☒ No If yes, are you correcting/updating information only? ☐ Yes ☐ No

Personal information you provide may be used for secondary purposes. [Privacy Law, s. 15.04 (1)(m)]

This registration applies to a tank that is (check one):
1A. ☐ In Use or
1B. ☐ Newly Installed
2. ☐ Abandoned with Product
3. ☐ Abandoned No Product (empty) or with Water
4. ☐ Closed - Tank Removed
6. ☒ Closed - Filled with Inert Materials
7. ☐ Out of Service - Provide Date: _____
8. ☐ Ownership Change (Indicate new owner name in block 2)

Fire Department providing fire coverage where tank is located:
☐ City ☐ Village
☐ Town of Lodi

A. IDENTIFICATION (Please Print)

1. Tank Site Name	Site Address	Site Telephone Number
Silver Terrace Center	5931 W. Silver Spring Rd	( )
☐ City ☐ Village ☐ Town of: Milwaukee	State: WI	Zip Code: 53218
		County: Milw.
2. Tank Owner Name: Fredric Wern	Mailing Address: 544 Cumberland ct	Telephone Number: 414-351-4248
☐ City ☐ Village ☐ Town of: Bayside	State: WI	Zip Code: 53217
		County: Milw
3. Previous Name	Previous site address if different than #1	
4. Tank Age (date installed, if known or years old)	5. Tank Capacity (gallons): 550	6. If more than one tank is located at facility, please provide tank #

B. TYPE OF USER (check one)
1. ☐ Gas/Retail Sales 2. ☐ Bulk Storage 3. ☐ Utility 4. ☒ Mercantile/Commercial 5. ☐ Industrial
6. ☐ Government 7. ☐ School 8. ☐ Residential 9. ☐ Agricultural 10. ☐ Other (specify):
11. ☐ Tribal Nation 12. ☐ Federal Property 13. ☐ Backup Generator

C. TANK CONSTRUCTION (check one)
1. ☒ Bare Steel 2. ☐ Cathodically Protected & Coated Steel (Check one: A. ☐ Sacrificial Anodes or B. ☐ Impressed Current)
3. ☐ Coated Steel 4. ☐ Fiberglass 5. ☐ Other (specify): _____
6. ☐ Lined - Date: _____ 7. ☐ Steel - Fiberglass Reinforced Plastic Composite 9. ☐ Unknown

Approval: 1. ☐ Nat'l Std. 2. ☐ UL 3. ☐ Other: | Is tank double walled? ☐ Yes ☒ No

Overfill Protection Provided? ☐ Yes ☐ No If yes, identify type: | Spill Containment? ☐ Yes ☒ No

Tank leak detection method:
1. ☐ Automatic tank gauging 2. ☐ Vapor monitoring 3. ☐ Groundwater monitoring
4. ☐ Inventory control and tightness testing 5. ☐ Interstitial monitoring
7. ☒ Manual tank gauging (only for tanks of 1,000 gallons or less) 8. ☐ Statistical Inventory Reconciliation (SIR)

D. PIPING CONSTRUCTION
1. ☒ Bare Steel 2. ☐ Cathodically Protected & Coated Steel (Check one: A. ☐ Sacrificial Anodes or B. ☐ Impressed Current)
3. ☐ Coated Steel 4. ☐ Fiberglass 5. ☐ Other (Specify): 9. ☐ Unknown

Vapor Recovery/Stage II
4. ☐ Fiberglass 6. ☐ Flexible 5. ☐ Other (specify): ☐ CARB #: _____ ☐ Operational - Provide Date (mo/day/yr): _____

Piping System Type: 1. ☐ Pressurized piping with A. ☐ auto shutoff; B. ☐ alarm or C. ☐ flow restrictor
2. ☐ Suction piping with check valve at tank 3. ☒ Suction piping with check valve at pump and inspectable 4. ☐ Not needed if waste oil

Piping leak detection method: used if pressurized or check valve at tank: 1. ☐ Vapor monitoring 2. ☐ Interstitial monitoring
3. ☐ Groundwater monitoring 4. ☐ Tightness testing 5. ☐ Line leak detector 6. ☐ Not required 8. ☐ SIR

Approval: 1. ☐ Nat'l Std. 2. ☐ UL 3. ☐ Other: | Is pipe double walled? ☐ Yes ☒ No

E. TANK CONTENTS
1. ☐ Diesel 2. ☐ Leaded 3. ☐ Unleaded 4. ☒ Fuel Oil 5. ☐ Gasohol
6. ☐ Other (Specify): _____ 7. ☐ Empty* 8. ☐ Sand/Gravel/Slurry* 9. ☐ Unknown* 10. ☐ Premix
11. ☐ Waste/Used Motor Oil 13. ☐ Chemical _____ (indicate chemical name and number) 14. ☐ Kerosene 15. ☐ Aviation

* If 7, 8, or 9 is chosen, this tank is NOT PECFA eligible.

If Tank Closed, Abandoned or Out of Service, give date (mo/day/yr):	Has a site assessment been completed (see reverse side for details)
6-26-97 42157	☐ Yes ☒ No
Owner or Operator Name (please print): Fredric Wern	**Indicate whether:** ☒ Owner or ☐ Operator
Owner or Operator Signature: Fredric Wern	**Date Signed:** 6-26-97

IMPORTANT: Failure to provide sufficient information may cause you to fall under additional regulations, and may delay PECFA eligibility determination. It is necessary to complete ALL shaded areas and as many other items as possible.

SBD-7437 (R. 05/96)

State of Wisconsin
Department of Commerce

WI Tank ID#: _____

UNDERGROUND PETROLEUM PRODUCT TANK INVENTORY

Information Required By Section 101.142, Wis. Stats.

Send Completed Form To:
Storage Tank, Permitting and
Registration Section
P.O. Box 7969, Madison, WI 53707

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. Please see the reverse side for additional information on this program. An underground storage tank is defined as any tank with at least 10 percent of its total volume (including piping) located below ground level. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this tank by submitting a form? ☐ Yes ☒ No If yes, are you correcting/updating information only? ☐ Yes ☐ No

Personal information you provide may be used for secondary purposes. [Privacy Law, s. 15.04 (1)(m)]

This registration applies to a tank that is (check one):
1A. ☐ In Use or
1B. ☐ Newly Installed
2. ☐ Abandoned with Product
3. ☐ Abandoned No Product (empty) or with Water
4. ☒ Closed - Tank Removed
6. ☐ Closed - Filled with Inert Materials
7. ☐ Out of Service - Provide Date: _____
8. ☐ Ownership Change (Indicate new owner name in block 2)

Fire Department providing fire coverage where tank is located:
☐ City ☐ Village
☐ Town of 4020

A. IDENTIFICATION (Please Print)

1. Tank Site Name

Site Address: 5931 W. Silver Spring Rd
Site Telephone Number: ( )
☐ City ☐ Village ☐ Town of: Milwaukee
State: WI
Zip Code: 53218
County: Mrlw.

2. Tank Owner Name: Fredric Wern
Mailing Address: 544 Cumberland ct
Telephone Number: 414-351-4248
☐ City ☐ Village ☐ Town of: Bayside
State: WI
Zip Code: 53217
County: Mrlw

3. Previous Name
Previous site address if different than #1

4. Tank Age (date installed, if known or years old)
5. Tank Capacity (gallons): 1000
6. If more than one tank is located at facility, please provide tank #

B. TYPE OF USER (check one)

1. ☐ Gas/Retail Sales 2. ☐ Bulk Storage 3. ☐ Utility 4. ☒ Mercantile/Commercial 5. ☐ Industrial
6. ☐ Government 7. ☐ School 8. ☐ Residential 9. ☐ Agricultural 10. ☐ Other (specify):
11. ☐ Tribal Nation 12. ☐ Federal Property 13. ☐ Backup Generator

C. TANK CONSTRUCTION (check one)

1. ☒ Bare Steel 2. ☐ Cathodically Protected & Coated Steel (Check one: A. ☐ Sacrificial Anodes or B. ☐ Impressed Current)
3. ☐ Coated Steel 4. ☐ Fiberglass 5. ☐ Other (specify): _____
6. ☐ Lined - Date: _____ 7. ☐ Steel - Fiberglass Reinforced Plastic Composite 9. ☐ Unknown

Approval: 1. ☐ Nat'l Std. 2. ☐ UL 3. ☐ Other:
Is tank double walled? ☐ Yes ☒ No
Overfill Protection Provided? ☐ Yes ☐ No If yes, identify type:
Spill Containment? ☐ Yes ☒ No

Tank leak detection method: 1. ☐ Automatic tank gauging 2. ☐ Vapor monitoring 3. ☐ Groundwater monitoring
4. ☐ Inventory control and tightness testing 5. ☐ Interstitial monitoring
7. ☒ Manual tank gauging (only for tanks of 1,000 gallons or less) 8. ☐ Statistical Inventory Reconciliation (SIR)

D. PIPING CONSTRUCTION

1. ☒ Bare Steel 2. ☐ Cathodically Protected & Coated Steel (Check one: A. ☐ Sacrificial Anodes or B. ☐ Impressed Current)
3. ☐ Coated Steel 4. ☐ Fiberglass 5. ☐ Other (Specify): 9. ☐ Unknown

Vapor Recovery/Stage II
4. ☐ Fiberglass 6. ☐ Flexible 5. ☐ Other (specify):
☐ CARB #: _____
☐ Operational - Provide Date (mo/day/yr):

Piping System Type: 1. ☐ Pressurized piping with A. ☐ auto shutoff; B. ☐ alarm or C. ☐ flow restrictor
2. ☐ Suction piping with check valve at tank 3. ☒ Suction piping with check valve at pump and inspectable 4. ☐ Not needed if waste oil

Piping leak detection method: used if pressurized or check valve at tank: 1. ☐ Vapor monitoring 2. ☐ Interstitial monitoring
3. ☐ Groundwater monitoring 4. ☐ Tightness testing 5. ☐ Line leak detector 6. ☒ Not required 8. ☐ SIR

Approval: 1. ☐ Nat'l Std. 2. ☐ UL 3. ☐ Other:
Is pipe double walled? ☐ Yes ☐ No

E. TANK CONTENTS

1. ☐ Diesel 2. ☐ Leaded 3. ☐ Unleaded 4. ☒ Fuel Oil 5. ☐ Gasohol
6. ☐ Other (Specify): _____ 7. ☐ Empty* 8. ☐ Sand/Gravel/Slurry* 9. ☐ Unknown* 10. ☐ Premix
11. ☐ Waste/Used Motor Oil 13. ☐ Chemical _____ (Indicate chemical name and number) 14. ☐ Kerosene 15. ☐ Aviation

* If 7, 8, or 9 is chosen, this tank is NOT PECFA eligible.

If Tank Closed, Abandoned or Out of Service, give date (mo/day/yr): 6-26-97 42157
Has a site assessment been completed (see reverse side for details) ☐ Yes ☒ No

Owner or Operator Name (please print): Fredric Wern
Indicate whether: ☒ Owner or ☐ Operator

Owner or Operator Signature: Fredric Wern
Date Signed: 6-26-97

IMPORTANT: Failure to provide sufficient information may cause you to fall under additional regulations, and may delay PECFA eligibility determination. It is necessary to complete ALL shaded areas and as many other items as possible.

SBD-7437 (R. 05/96)

Complete one form for each site closure.

The information you provide may be used by other government agency programs [Privacy Law, s. 15.04 (1)(m)].

CHECKLIST FOR TANK CLOSURE

CHECK ONE:
☒ UNDERGROUND
☐ ABOVEGROUND
FOR PORTIONS OF THE FORM THAT DO NOT APPLY, CHECK THE N/A BOX

RETURN COMPLETED CHECKLIST TO:
Wisconsin Department of Commerce
ERS Division
Bureau of Storage Tank Regulation
P.O. Box 7969
Madison, WI 53707

A. IDENTIFICATION: (Please Print) Indicate whether closure is for: ☒ Tank System ☐ Tank Only ☐ Piping Only

1. Site Name	2. Owner Name
Silver Terrace Center	Fredric Wein
Site Street Address (not P.O. Box)	Owner Street Address
5731 W. Silver Spring Rd	544 Cumberland ct.
☐ City ☐ Village ☒ Town of: Milwaukee	☐ City ☐ Village ☐ Town of: Bayside — State: WI — Zip Code: 53217
State: WI — Zip Code: 53218 — County: Milw	County: Milw. — Telephone No. (include area code): (414) 351-4248
3. Closure Company Name (print) Valley View Maintenance	Closure Company Street Address: 18541 W. Silver Spring Rd.
Closure Company Telephone No. (include area code): (414) 252-4030	Closure Company City, State, Zip Code: Menomonee Falls WI 53051
4. Name of Company Performing Closure Assessment: Environmental Assocs	Assessment Company Street Address, City, State, Zip Code: 210 N. Green Bay Rd. Thiensville WI 5309
Telephone # (include area code): (414) 242-1083	Certified Assessor Name (print): Anthony Martin — Assessor Signature: Anthony Martin — Assessor Certification No.: 05748

Tank ID #	Closure	Temp. Closure	Closure in Place	Tank Capacity	Contents*	Closure Assessment
1. UNK	☒	☐	☐	1000	04	☐ Y ☒ N
2. "	☒	☐	☒	1000	04	☐ Y ☒ N
3. "	☐	☐	☒	550	04	☐ Y ☒ N
4.	☒	☐	☐			☐ Y ☐ N
5.	☒	☐	☐			☐ Y ☐ N
6.	☐	☐	☐			☐ Y ☐ N

* Indicate which product by numeric code: 01-Diesel; 02-Leaded; 03-Unleaded; 04-Fuel Oil; 05-Gasohol; 06-Other: _____; 10-Premix; 11-Waste Oil; 13-Chemical (indicate the chemical name(s) or number(s) 04 04 04; 14-Kerosene; 15-Aviation

Written notification was provided to the local agent 15 days in advance of closure date. ☒ Y ☐ N ☐ NA
All local permits were obtained before beginning closure. ☒ Y ☐ N ☐ NA

Check applicable box at right in response to all statements in Sections B-E.	Remover Verified	Inspector Verified	N/
B. TEMPORARILY OUT OF SERVICE			
Written inspector approval of temporary closure obtained, which is effective until (provide date) _____	☐ Y ☐ N	☐	☐
1. Product Removed			
a. Product lines drained into tank (or other container) and resulting liquid removed, AND	☐ Y ☐ N	☐	☐
b. All product removed to bottom of suction line, OR	☐ Y ☐ N	☐	☐
c. All product removed to within 1" of bottom.	☐ Y ☐ N	☐	☐
2. Fill pipe, gauge pipe, tank truck vapor recovery fittings, and vapor return lines capped.	☐ Y ☐ N	☐	☐
3. All product lines at the islands or pumps located elsewhere are removed and capped, OR	☐ Y ☐ N	☐	☐
4. Dispensers/pumps left in place but locked and power disconnected.	☐ Y ☐ N	☐	☐
5. Vent lines left open.	☐ Y ☐ N	☐	☐
6. Inventory form filed indicating temporary closure.	☐ Y ☐ N	☐	☐
C. CLOSURE BY REMOVAL			
1. Product from piping drained into tank (or other container).	☒ Y ☐ N	☒	☐
2. Piping disconnected from tank and removed.	☒ Y ☐ N	☒	☐
3. All liquid and residue removed from tank using explosion proof pumps or hand pumps.	☒ Y ☐ N	☒	☐
4. All pump motors and suction hoses bonded to tank or otherwise grounded.	☒ Y ☐ N	☒	☐
5. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.	☒ Y ☐ N	☒	☐
NOTE: DROP TUBE SHOULD NOT BE REMOVED IF THE TANK IS TO BE PURGED THROUGH THE USE OF AN EDUCTOR.			
6. Vent lines left connected until tanks purged	☒ Y ☐ N	☒	☐
7. Tank openings temporarily plugged so vapors exit through vent.	☐ Y ☐ N	☐	☐
8. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section E.	☒ Y ☐ N	☒	☐
9. Tank removed from excavation after **PURGING/INERTING**; placed on level ground and blocked to prevent movement.	☒ Y ☐ N	☒	☐
10. Tank cleaned before being removed from site	☒ Y ☐ N	☒	☐

- CONTINUE ON NEXT PAGE -

C. CLOSURE BY REMOVAL (continued)

	Remover Verified	Inspector Verified	NA
11. Tank labeled in 2" high letters after removal but before being moved from site. NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CONTENTS; VAPOR STATE; VAPOR FREEING TREATMENT; DATE.	☒Y ☐N	☒	☐
12. Tank vent hole (1/8" in uppermost part of tank) installed prior to moving the tank from site.	☐Y ☐N	☐	☒
13. Inventory form ERS-7437 filed by owner with the Department of Commerce indicating closure by removal.	☒Y ☐N	☒	☐
14. Site security is provided while the excavation is open.	☒Y ☐N	☒	☐

D. CLOSURE IN PLACE

NOTE: CLOSURES IN PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF COMMERCE OR LOCAL AGENT.

1. Product from piping drained into tank (or other container).	☒Y ☐N	☒	☐
2. Piping disconnected from tank and removed.	☒Y ☐N	☒	☐
3. All liquid and residue removed from tank using explosion proof pumps or hand pumps.	☒Y ☐N	☒	☐
4. All pump motors and suction hoses bonded to tank or otherwise grounded.	☒Y ☐N	☒	☐
5. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.	☒Y ☐N	☒	☐
NOTE: DROP TUBE SHOULD NOT BE REMOVED IF THE TANK IS TO BE PURGED THROUGH THE USE OF AN EDUCTOR - EDUCTOR OUTPUT 12 FT. ABOVE GRADE.			
6. Vent lines left connected until tanks purged.	☒Y ☐N	☒	☐
7. Tank openings temporarily plugged so vapors exit through vent.	☐Y ☒N	☐	☐
8. Tank atmosphere reduced to 10% of the lower flammable range (LEL) see Section F.	☒Y ☐N	☒	☐
9. Tank properly cleaned to remove all sludge and residue.	☒Y ☐N	☒	☐
10. Solid inert material (sand, cyclone boiler slag, pea gravel recommended) introduced and tank filled. concrete	☒Y ☐N	☒	☐
11. Vent line disconnected or removed.	☒Y ☐N	☒	☐
12. Inventory form filed by owner with the Department of Commerce indicating closure in place.	☒Y ☐N	☒	☐

E. CLOSURE ASSESSMENTS

NOTE: DETERMINE IF A CLOSURE ASSESSMENT IS REQUIRED BY REFERRING TO ILHR 10.

1. Individual conducting the assessment has a closure assessment plan (written) which is used as the basis for their work on the site.	☐Y ☐N	☒	☐
2. Do points of obvious contamination exist?	☒Y ☐N	☒	☐
3. Are there strong odors in the soils?	☒Y ☐N	☒	☐
4. Was a field screening instrument used to pre-screen soil sample locations?	☒Y ☐N	☒	☐
5. Was a closure assessment omitted because of obvious contamination?	☒Y ☐N	☒	☐
6. Was the DNR notified of suspected or obvious contamination?	☒Y ☐N	☒	☐

Agency, office and person contacted: _____

7. Contamination suspected because of: ☒Odor ☒Soil Staining ☐Free Product ☐Sheen on Groundwater ☒Field Instrument Test

F. METHOD OF ACHIEVING 10% LEVEL DESCRIPTION

☒Eductor Or Diffused Air Blower
Eductor driven by compressed air, bonded and drop tube left in place; vapors discharged minimum of 12 feet above ground.
Diffused air blower bonded and drop tube removed. Air pressure not exceeding 5 psig.

☐Dry Ice
Dry ice introduced at 1.5 pounds per 100 gallons of tank capacity. Dry ice crushed and distributed over the greatest possible tank area.
Dry ice evaporated before proceeding.

☐Inert Gas (CO/2 or N/2) NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMENT.
Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank opposite the vent.
Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing device grounded.

☐Tank atmosphere monitored for flammable or combustible vapor levels.
Calibrate combustible gas indicator. Drop tube removed prior to checking atmosphere. Tank space monitored at bottom, middle and upper portion of tank. Readings of 10% or less of the lower flammable range (LEL) obtained before removing tank from ground.

G. NOTE SPECIFIC PROBLEMS OR NONCOMPLIANCE ISSUES BELOW ONE 12000gal TANK REMOVED
CLOSED IN PLACE (6/26/97) AH

H. REMOVER/CLEANER INFORMATION

Remover Name (print)	Remover Signature	Remover Certification No.	Date Signed
Mark Petermann	Mark Petermann	42157	9-18-97

I. INSPECTOR INFORMATION

Inspector Name (print)	Inspector Signature	Inspector Certification No.
T. Tomesh		27016

FDID # For Location Where Inspection Performed	Inspector Telephone Number	Date Signed
[illegible]	226 2500	9/18/97

TANK INVENTORY FORM ERS-7437 SIGNED BY THE OWNER MUST BE SUBMITTED WITH EACH CLOSURE CHECKLIST.

REMOVER

CONTAINS HAZARDOUS MATERIALS

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent

Shipper's No. _____

(Carrier) NATIONAL TANK SERVICE OF WI, INC. SCAC. _____ Carrier's No. #10568

Received, subject to the classifications and tariffs in effect on the date of this Bill of Lading:

at _____, date 6/20/97 from _____

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all of any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: (Mail or street address of consignee for purposes of notification only.)	FROM:
Consignee NATIONAL TANK SERVICE OF WI, INC.	Shipper A-1 TANK
Street 1813 SOUTH 73RD STREET	Street 5821-35 W. SILVER SPRING DR
Destination WEST ALLIS, WI Zip 53214	Origin MILW WI. Zip
Route:	

Delivering Carrier	Trailer Initial/Number	U.S. DOT Hazmat Reg. Number
	38	051096 m 04 021E

No. of packages	HM	Description of articles, special marks, and exceptions	Hazard Class	I.D. Number	Packing Group	Weight (subject to correction)	Class or rate	Labels required (or exemption)	Che colu
1H	x	Fuel oil	3	NA 1993	II	300	bal		
1H		Water	NA	NA	NA	1175	bal		

EGS # 125

PUMPED OUT FREE LIQUIDS ONLY
NO SLUDGE TAKEN

Remit C.O.D. to:
Address:
City: State: Zip:

COD AMT: $

Charges Advanced $

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of consignor)

C. O. D. FEE:
Prepaid ☐
Collect ☐ $

FREIGHT CHARG
☐ Prepaid ☐ Colle

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight". Note.—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Per _____

PLACARDS REQUIRED NA 1993

PLACARDS SUPPLIED ☐ YES ☐ NO - FURNISHED BY CARR

DRIVER'S SIGNATURE: _____

SPECIAL INSTRUCTIONS:

SHIPPER: A-1 TANK
PER: _____ DATE: 6/20/97

Permanent post office address of shipper

CARRIER: NATIONAL TANK SERVICE OF WI, INC.
PER: _____ DATE: 6/20/97

EMERGENCY RESPONSE TELEPHONE NUMBER: (414) 588-0501

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (§17

THIS SHIPPING ORDER ... Carbon, and retained by the Agent

Shipper's No. _____

(Carrier) NATIONAL TANK SERVICE OF WI, INC. SCAC. _____ Carrier's No. #1062

Received, subject to the classifications and tariffs in effect on the date of this Bill of Lading:

at _____, date 6/26/97 from _____

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: (Mail or street address of consignee for purposes of notification only.)	FROM:
Consignee NATIONAL TANK SERVICE OF WI, INC.	Shipper A-1 Tank
Street 1813 SOUTH 73RD STREET	Street 5821 W. Silver Spring
Destination WEST ALLIS, WI Zip 53214	Origin Milw. WIS. Zip
Route:	

Delivering Carrier	Trailer Initial/Number	U.S. DOT Hazmat Reg. Number
	33	051096 004 021E

No. of packages	HM	Description of articles, special marks, and exceptions	Hazard Class	I.D. Number	Packing Group	*Weight (subject to correction)	Class or rate	Labels required (or exemption)	Check column
1T		WATER	n/a	n/a	n/a	750	GALS		

PUMPED OUT FREE LIQUIDS ONLY
NO SLUDGE TAKEN

Remit C.O.D. to:
Address:
City: State: Zip:

COD AMT: $

Charges Advanced $

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of consignor)

C. O. D. FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES ☐ Prepaid ☐ Collect

If shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight".
† – where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby _____ per _____
specifically stated by the shipper to be not exceeding

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Per _____

PLACARDS REQUIRED N/A

PLACARDS SUPPLIED ☐ YES ☒ NO - FURNISHED BY CARRIER

DRIVER'S SIGNATURE: B.J.

SPECIAL INSTRUCTIONS:

SHIPPER: A-1 Tank
PER: _____ DATE: 6/26/97
Permanent post office address of shipper

CARRIER: NATIONAL TANK SERVICE OF WI, INC.
PER: _____ DATE: 6/26/97

EMERGENCY RESPONSE TELEPHONE NUMBER: (414) 588-0501
Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (§172.604)

CONTAINS HAZARDOUS MATERIALS

State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Superfund ☐ Other

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 5-92

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Silver Terrace Center		MW5

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Wisconsin Soil Testing / Paul	06/03/98 (M M D D Y Y)	06/03/98 (M M D D Y Y)	HSA

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		MW5	Feet MSL	Feet MSL	8 1/4 inches

Boring Location
State Plane _____ N, _____ E S/C/N | Lat 43° 07' 09" | Long 87° 59' 08"
NW 1/4 of NW 1/4 of Section 35, T 8 N, R 21 (E)W

Local Grid Location (If applicable)
☐ N ☐ E
_____ Feet ☐ S _____ Feet ☐ W

County	DNR County Code	Civil Town/City/or Village
Milwaukee	41	Milwaukee

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
S1	6	9,9,5	2	SILTY CLAY, trace sand and gravel, moist to wet at 10 feet, dark brown to grey at 6 feet.	CL			0						
S2	18	5,4,9	4					0						
S3	24	5,5,7	6					0		M				
				FINE SAND, orange-brown, well sorted	SM									
S4	24	3,5,7	8	SILTY CLAY (as above)				0						
S5	24	3,3,5	10					0						
S6	24	5,5,4	12		CL			0						
S7	24	4,5,6	14					0						
S8	0	6,7,6	16					0		W				
S9	24	5,6,7	18	SAND, well sorted, trace silt and clay, grey, wet, no odor	SW			0						
S10	12	NR	20					0						
				EOB @ 20' Below Grade										

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

Signature: Jan Miraldrue
Firm: Environmental Associates, Inc.

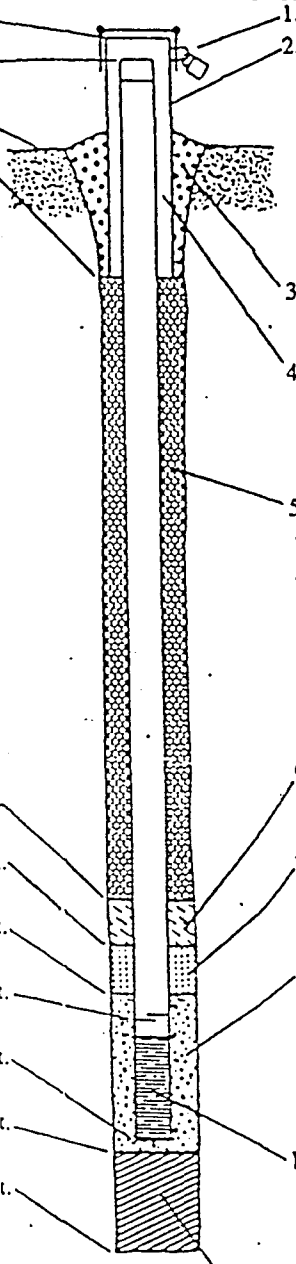
This form is authorized by Chapters 144.147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than $10 nor more than $5,000 for each violation. Fined not less than $10 or more than $100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

ate of Wisconsin
partment of Natural Resources

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 4-90

ility/Project Name: Silver Terrace Center	Local Grid Location of Well: _____ ft. ☐N ☐S _____ ft. ☐E ☐W	Well Name: MW5
ility License, Permit or Monitoring Number: _____	Grid Origin Location: Lat. 43° 07' 09" Long. 87° 59' 08" or	Wis. Unique Well Number / DNR Well Number
ype of Well: Water Table Observation Well ☒ 11; Piezometer ☐ 12	St. Plane _____ ft. N. _____ ft. E.	Date Well Installed: 06/03/98 (m m d d y y)
ance Well Is From Waste/Source Boundary: Unknown ft.	Section Location of Waste/Source: NW 1/4 of NW 1/4 of Sec. 35, T. 8 N, R. 21 ☒E ☐W	Well Installed By: (Person's Name and Firm): Paul; Wisconsin Soil Testing
Well A Point of Enforcement Std. Application? ☒ Yes ☐ No	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient; d ☐ Downgradient n ☒ Not Known	



a. Protective pipe, top elevation _____ ft. MSL
b. Well casing, top elevation _____ ft. MSL
c. Land surface elevation 0.0 ft. MSL
d. Surface seal, bottom _____ ft. MSL or 0.5 ft.

USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☒ SP ☐
SM ☒ SC ☐ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐

Sieve analysis attached? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ☒ 41; Other ☐ __

15. Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No

Describe _____

17. Source of water (attach analysis):

Bentonite seal, top _____ ft. MSL or 0.5 ft.
Fine sand, top _____ ft. MSL or 1.5 ft.
j. Filter pack, top _____ ft. MSL or 4.0 ft.
k. Screen joint, top _____ ft. MSL or 5.0 ft.
l. Well bottom _____ ft. MSL or 20.0 ft.
m. Filter pack, bottom _____ ft. MSL or 20.0 ft.
n. Borehole, bottom _____ ft. MSL or 20.0 ft.

o. Borehole, diameter 8.25 in.
p. O.D. well casing 2.25 in.
q. I.D. well casing 2.00 in.

1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 6.0 in.
b. Length: 3.0 ft.
c. Material: Steel ☒ 04; Other ☐ __
d. Additional protection? ☒ Yes ☐ No
If yes, describe: Expandable Locking Well Cap
3. Surface seal: Bentonite ☐ 30; Concrete ☒ 01; Other ☐ __
4. Material between well casing and protective pipe: Bentonite ☒ 30; Annular space seal ☐ __; Other ☐ __
5. Annular space seal: a. Granular Bentonite ☒ 33
b. _____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. _____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. _____ Ft³ volume added for any of the above
f. How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☒3/8 in. ☐1/2 in. Bentonite pellets ☐ 32
c. _____ Other ☐ __
7. Fine sand material: Manufacturer, product name & mesh size
a. #30 Red Flint Sand
b. Volume added 1 Bag @ 50 lbs
8. Filter pack material: Manufacturer, product name and mesh size
a. #35/45 Red Flint Sand
b. Volume added 10 Bags @ 50 lbs
9. Well casing: Flush threaded PVC schedule 40 ☒ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐ __
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11; Continuous slot ☐ 01; Other ☐ __
b. Manufacturer Environmental Manufacturing, Inc.
c. Slot size: 0.010 in.
d. Slotted length: 15.0 ft.
11. Backfill material (below filter pack): None ☒ 14; Other ☐ __

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

Signature: Jay Miadlo | Firm: Environmental Associates, Inc.

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats. and ch. NR 141, Wis. Ad. Code. In accordance with ch.144, Wis Stats., failure to file this form may result in a forfeiture of not less than $10, nor more than

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 4-90

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
Silver Spring Terrace	Milwaukee	MW-5
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number** / **DNR Well Number**
_____	__	

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☒ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 20 min.

4. Depth of well (from top of well casing) 19.5 ft.

5. Inside diameter of well 1.97 in.

6. Volume of water in filter pack and well casing 6.3 gal.

7. Volume of water removed from well 9.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added N/A

10. Analysis performed on water added? ☐ Yes ☒ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a 13.20 ft.	16.70 ft.
Date	b 06/17/98 m m d d y y	06/17/98 m m d d y y
Time	c 11:00 ☒ a.m. ☐ p.m.	11:20 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	3.5 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15	Clear ☐ 20 Turbid ☒ 25
(Describe)	Silty Grey	Light Grey

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

16. Additional comments on development:

Well developed by: Person's Name and Firm

Name: Tony Martin

Firm: Environmental Associates

I hereby certify that the above information is true and correct to the b of my knowledge.

Signature: Tony Martin

Print Initials: T W M

Firm: Environmental Associates

NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Superfund ☐ Other

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 5-92

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Silver Terrace Center		MW6

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Wisconsin Soil Testing / Paul	06/03/98 (MM/DD/YY)	06/03/98 (MM/DD/YY)	HSA

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		MW6	____ Feet MSL	____ Feet MSL	8 1/4 inches

Boring Location
State Plane ____ N, ____ E S/C/N
NW 1/4 of NW 1/4 of Section 35, T 8 N, R 21 (E) W
Lat 43° 07' 09" Long 87° 59' 08"

Local Grid Location (If applicable)
____ Feet ☐ N ☐ S ____ Feet ☐ E ☐ W

County	DNR County Code	Civil Town / City / or Village
Milwaukee	41	Milwaukee

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
S1	24	4,6,6	2	6 Inches Concrete Pavement				3.3 / 0						
S2	24	4,4,5		SILTY CLAY, trace sand and gravel, orange-brown to grey at 7 feet below grade, wet at 12 feet, no odor				13 / 0						
S3	24	4,5,4	4					7.7 / 0						
S4	24	5,6,7	6					0						
S5	24	5,5,6	8		CL			0		M				
S6	24	4,6,6	10					0						
S7	24	5,7,6	12					0						
S8	18	5,6,7	14					0						
S9	18	5,6,11	16					0						
S10	24	NR	18	SAND, well graded, coarse to fine, trace silt, wet, grey, no odor	SW			0		W				
			20	EOB @ 20' Below Grade										

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

Signature: Jan Miraldus | Firm: Environmental Associates, Inc.

This form is authorized by Chapters 144.147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than $10 nor more than $5,000 for each violation. Fined not less than $10 or more than $100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

State of Wisconsin
Department of Natural Resources

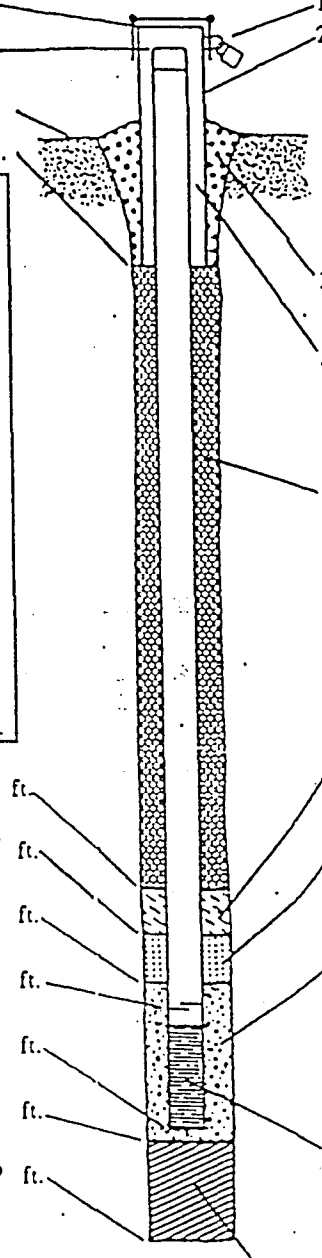
Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 4-90

Facility/Project Name: Silver Terrace Center	Local Grid Location of Well: _____ ft. ☐N ☐S, _____ ft. ☐E ☐W	Well Name: MW6
Facility License, Permit or Monitoring Number: _____	Grid Origin Location: Lat. 43° 07' 09" Long. 87° 59' 08" or St. Plane _____ ft. N, _____ ft. E.	Wis. Unique Well Number / DNR Well Number: _____ / _____
Type of Well: Water Table Observation Well ☒ 11; Piezometer ☐ 12	Section Location of Waste/Source: NW 1/4 of NW 1/4 of Sec. 35, T. 8 N, R. 21 ☒E ☐W	Date Well Installed: 06/03/98 (m m d d y y)
Distance Well Is From Waste/Source Boundary: UnKnown ft.	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient; d ☐ Downgradient n ☒ Not Known	Well Installed By: (Person's Name and Firm): Paul / Wisconsin Soil Testing
Is Well A Point of Enforcement Std. Application? ☒ Yes ☐ No		

1. Protective pipe, top elevation _____ ft. MSL
2. Well casing, top elevation _____ ft. MSL
3. Land surface elevation 0.0 ft. MSL
4. Surface seal, bottom _____ ft. MSL or 0.5 ft.
5. USCS classification of soil near screen:
   GP ☐ GM ☐ GC ☐ GW ☐ SW ☒ SP ☐
   SM ☒ SC ☐ ML ☐ MH ☐ CL ☒ CH ☐
   Bedrock ☐
6. Sieve analysis attached? ☐ Yes ☒ No
7. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ☒ 41; Other ☐ _____
8. Drilling fluid used: Water ☐ 02 Air ☐ 01; Drilling Mud ☐ 03 None ☒ 99
9. Drilling additives used? ☐ Yes ☒ No
   Describe _____
10. Source of water (attach analysis): _____

Bentonite seal, top _____ ft. MSL or 0.5 ft.
Fine sand, top _____ ft. MSL or 1.5 ft.
Filter pack, top _____ ft. MSL or 4.0 ft.
Screen joint, top _____ ft. MSL or 5.0 ft.
Well bottom _____ ft. MSL or 20.0 ft.
Filter pack, bottom _____ ft. MSL or 20.0 ft.
Borehole, bottom _____ ft. MSL or 20.0 ft.
Borehole, diameter 8.25 in.
O.D. well casing 2.25 in.
I.D. well casing 2.00 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
   a. Inside diameter: 8.0 in.
   b. Length: 3.0 ft.
   c. Material: Steel ☒ 04; Other ☐ _____
   d. Additional protection? ☒ Yes ☐ No
   If yes, describe: Expandable Locking Well Cap
3. Surface seal: Bentonite ☐ 30; Concrete ☒ 01; Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☒ 30; Annular space seal ☐ _____; Other ☐ _____
5. Annular space seal: a. Granular Bentonite ☒ 33
   b. _____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
   c. _____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
   d. _____ % Bentonite ..... Bentonite-cement grout ☐ 50
   e. _____ Ft³ volume added for any of the above
   f. How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
   b. ☐1/4 in. ☒3/8 in. ☐1/2 in. Bentonite pellets ☐ 32
   c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
   a. #30 Red Flint Sand.
   b. Volume added 1 Bag @ 50 lbs
8. Filter pack material: Manufacturer, product name and mesh size
   a. #35/45 Red Flint Sand
   b. Volume added 10 Bags @ 50 lbs
9. Well casing: Flush threaded PVC schedule 40 ☒ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐ _____
10. Screen material: PVC
    a. Screen type: Factory cut ☒ 11; Continuous slot ☐ 01; Other ☐ _____
    b. Manufacturer Environmental Manufacturing, Inc.
    c. Slot size: 0.010 in.
    d. Slotted length: 15.0 ft.
11. Backfill material (below filter pack): None ☒ 14; Other ☐ _____

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

Signature: Jac Miadek Firm: Environmental Associates, Inc.

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats. and ch. NR 141, Wis. Adm. Code. In accordance with ch.144, Wis Stats., failure to file this form may result in a forfeiture of not less than $10, nor more than

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 4-90

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
Silver Spring Terrace	Milwaukee	MW-6
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number** / **DNR Well Number**
_____	__	

		Before Development	After Development
1. Can this well be purged dry?	☒ Yes ☐ No		
2. Well development method			
surged with bailer and bailed	☒ 41		
surged with bailer and pumped	☐ 61		
surged with block and bailed	☐ 42		
surged with block and pumped	☐ 62		
surged with block, bailed and pumped	☐ 70		
compressed air	☐ 20		
bailed only	☐ 10		
pumped only	☐ 51		
pumped slowly	☐ 50		
Other _____	☐		
3. Time spent developing well	20 min.		
4. Depth of well (from top of well casing)	18.8 ft.		
5. Inside diameter of well	1.97 in.		
6. Volume of water in filter pack and well casing	6.2 gal.		
7. Volume of water removed from well	7.0 gal.		
8. Volume of water added (if any)	0.0 gal.		
9. Source of water added	N/A		
10. Analysis performed on water added? (If yes, attach results)	☐ Yes ☒ No		
11. Depth to Water (from top of well casing)		a. 12.63 ft.	14.20 ft
Date		b. 06/17/98 m m d d y y	06/17/98 m m d d y y
Time		c. 12:40 ☒ a.m. ☒ p.m.	1:00 ☐ a.m. ☒ p.m.
12. Sediment in well bottom		3.0 inches	0.0 inches
13. Water clarity		Clear ☐ 10 Turbid ☒ 15	Clear ☐ 20 Turbid ☒ 25
(Describe)		Silty Grey	Silty Grey
Fill in if drilling fluids were used and well is at solid waste facility:			
14. Total suspended solids		_____ mg/l	_____ mg/l
15. COD		_____ mg/l	_____ mg/l

16. Additional comments on development:

Well developed by: Person's Name and Firm

Name: Tony Martin

Firm: Environmental Associates

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

Signature: Tony Martin

Print Initials: T W M

Firm: Environmental Associates

NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Superfund ☐ Other

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 5-92

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Silver Terrace Center		MW7

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Wisconsin Soil Testing / Paul	06/03/98	06/03/98	HSA

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		MW7	Feet MSL	Feet MSL	8¼ inches

Boring Location
State Plane ____ N, ____ E S/C/N
NW 1/4 of NW 1/4 of Section 35, T 8 N, R 21 (E)W
Lat 43° 07' 09" Long 87° 59' 08"

Local Grid Location (If applicable)
☐ N ☐ E
____ Feet ☐ S ____ Feet ☐ W

County	DNR County Code	Civil Town/City/ or Village
Milwaukee	41	Milwaukee

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
S1	24	4,4,4	2	6 Inches Concrete Pavement				0						
S2	24	5,6,8	4	SILTY CLAY, trace subrounded gravel and fine sand, moist, dark brown, no odor				0						
S3	24	3,5,6	6					0						
S4	24	4,8,9	8					2.5/0		M				
S5	24	10,11,8	10			CL		1.1/0						
S6	24	5,6,6	12					0						
S7	24	4,5,6	14	Well graded fine sand seams at 12 to 18 feet				0						
S8	24	4,5,5	16	Wet at 14 feet				0						
S9	24	10,10,11	18					0		W				
S10	24	4,4,6	20	SILTY SAND, a little clay, grey, wet, no odor				0						
				EOB @ 20' Below Grade										

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

Signature	Firm
Jan Miraldrue	Environmental Associates, Inc.

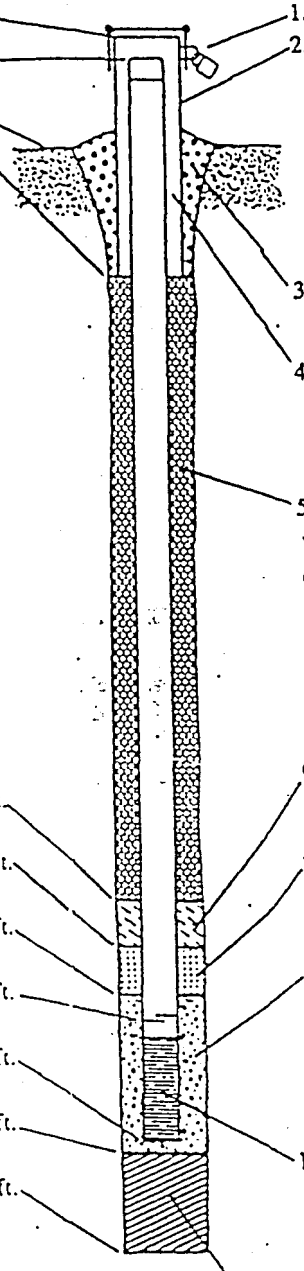
This form is authorized by Chapters 144.147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than $10 nor more than $5,000 for each violation. Fined not less than $10 or more than $100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

State of Wisconsin
Department of Natural Resources

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 4-90

Facility/Project Name: Silver Terrace Center	Local Grid Location of Well: _____ ft. ☐N ☐S _____ ft. ☐E ☐W	Well Name: MW7
Facility License, Permit or Monitoring Number: _____	Grid Origin Location: Lat. 43° 07' 09" Long. 87° 59' 08" or	Wis. Unique Well Number / DNR Well Number: _____ / _____
Type of Well: Water Table Observation Well ☒ 11; Piezometer ☐ 12	St. Plane _____ ft. N, _____ ft. E.	Date Well Installed: 06/03/88 (m m d d y y)
Distance Well Is From Waste/Source Boundary: UnKnown ft.	Section Location of Waste/Source: NW 1/4 of NW 1/4 of Sec. 35, T. 8 N, R. 21 ☒E ☐W	Well Installed By: (Person's Name and Firm): Paul / Wisconsin Soil Testing
Is Well A Point of Enforcement Std. Application? ☒ Yes ☐ No	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☒ Not Known	



a. Protective pipe, top elevation _____ ft. MSL
b. Well casing, top elevation _____ ft. MSL
c. Land surface elevation 0.0 ft. MSL
d. Surface seal, bottom _____ ft. MSL or 0.5 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☒ SP ☐
SM ☒ SC ☐ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ☒ 41; Other ☐ _____

15. Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis):
_____

a. Bentonite seal, top _____ ft. MSL or 0.5 ft.
b. Fine sand, top _____ ft. MSL or 1.5 ft.
c. Filter pack, top _____ ft. MSL or 4.0 ft.
d. Screen joint, top _____ ft. MSL or 5.0 ft.
e. Well bottom _____ ft. MSL or 20.0 ft.
f. Filter pack, bottom _____ ft. MSL or 20.0 ft.
g. Borehole, bottom _____ ft. MSL or 20.0 ft.
h. Borehole, diameter 8.25 in.
i. O.D. well casing 2.25 in.
j. I.D. well casing 2.00 in.

1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 3.0 ft.
c. Material: Steel ☒ 04; Other ☐ _____
d. Additional protection? ☒ Yes ☐ No
If yes, describe: Expandable Locking Well Cap
3. Surface seal: Bentonite ☐ 30; Concrete ☒ 01; Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☒ 30; Annular space seal ☐; Other ☐ _____
5. Annular space seal: a. Granular Bentonite ☒ 33
b. _____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. _____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 0; Tremie pumped ☐ 0; Gravity ☒ 0
6. Bentonite seal: a. Bentonite granules ☐ 3
b. ☐1/4 in. ☒3/8 in. ☐1/2 in. Bentonite pellets ☐ 3
c. _____ Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
a. #30 Red Flint Sand.
b. Volume added 1 Bag @ 50 lbs
8. Filter pack material: Manufacturer, product name and mesh s
a. #35/45 Red Flint Sand
b. Volume added 10 Bags @ 50 lbs
9. Well casing: Flush threaded PVC schedule 40 ☒ 2; Flush threaded PVC schedule 80 ☐ 2; Other ☐ _____
10. Screen material: PVC
a. Screen type: Factory cut ☒ 1; Continuous slot ☐ 0; Other ☐ _____
b. Manufacturer Environmental Manufacturing, Inc.
c. Slot size: 0.010
d. Slotted length: 15.0
11. Backfill material (below filter pack): None ☒; Other ☐ _____

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

Signature: Jan Miller | Firm: Environmental Associates, Inc.

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. St. and ch. NR 141, Wis. Ad. Code. In accordance with ch 144, Wis Stats, failure to file this form may result in a forfeiture of not less than $10, nor more th

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 4-90

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
Silver Spring Terrace	Milwaukee	MW-7
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number** / **DNR Well Number**
_____	__	

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☒ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 20 min.

4. Depth of well (from top of well casing) 19.9 ft.

5. Inside diameter of well 1.97 in.

6. Volume of water in filter pack and well casing 7.0 gal.

7. Volume of water removed from well 5.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added N/A

10. Analysis performed on water added? ☐ Yes ☒ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a 12.90 ft.	15.44 ft.
Date	b 06/17/98 m m d d y y	06/17/98 m m d d y y
Time	c 11:30 ☒ a.m. ☐ p.m.	12:00 ☐ a.m. ☒ p.m.
12. Sediment in well bottom	5.0 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15	Clear ☐ 20 Turbid ☒ 25
(Describe)	Silty Brown	Light Brown

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	_____.__ mg/l	_____.__ mg/l
15. COD	_____.__ mg/l	_____.__ mg/l

16. Additional comments on development:

Well developed by: Person's Name and Firm

Name: Tony Martin

Firm: Environmental Associates

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

Signature: Tony Martin

Print Initials: T W M

Firm: Environmental Associates

NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Superfund ☒ Other Remediation & Redevelopment

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 5-92

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Silver Terrace Center		MW8

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Wisconsin Soil Testing / Chuck	11/03/98	11/03/98	HSA

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		MW8	____ Feet MSL	____ Feet MSL	8 1/4 inches

Boring Location
State Plane ____ N, ____ E S/C/N
NW 1/4 of NW 1/4 of Section 35, T 8 N, R 21 (E)W
Lat 43° 07' 09" Long 87° 59' 08"

Local Grid Location (If applicable)
☐ N ☐ E
____ Feet ☐ S ____ Feet ☐ W

County	DNR County Code	Civil Town/(City) or Village
Milwaukee	41	Milwaukee

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
MW8 (0-3)	36"	–	2	Gravel (fill)				–						
MW8 (3-5)	24"	–	4	Light Brown silty clay, trace gravel, 1/2" thick interbedded sand layers, color break to grey at 6' bgs	CL			–		M				
MW8 (5-7)	24"	6, 8, 10	6					–						
MW8 (7-9)	24"	8, 9, 12	8					–						
MW8 (9-11)	24"	7, 10, 11	10	Well sorted medium sand, wet	SP			–		W				
MW8 (11-13)	24"	3, 4, 4	12	Dark grey clay, stiff, moist, interbedded fine sand layers from 11 to 13 feet, little to no sand or gravel from 13 to 20 feet	CL			–		M				
MW8 (13-15)	24"	–	14					–						
MW8 (15-17)	NR	–	16					–						
MW8 (17-20)	36"	–	18					–						
			20	EOB @ 20' bgs										

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

Signature	Firm
Joe Misiaszek	Environmental Associates, Inc.

This form is authorized by Chapters 144.147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than $10 nor more than $5,000 for each violation. Fined not less than $10 or more than $100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

State of Wisconsin
Department of Natural Resources

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ■ Underground Tanks ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 4-90

Facility/Project Name: Silver Terrace Center	Local Grid Location of Well: _____ ft. ☐N ☐S, _____ ft. ☐E ☐W	Well Name: MW8
Facility License, Permit or Monitoring Number: _____	Grid Origin Location: Lat. _____ Long. _____ or St. Plane _____ ft. N, _____ ft. E.	Wis. Unique Well Number: _____ DNR Well Number: _____
Type of Well: Water Table Observation Well ☒ 11; Piezometer ☐ 12	Section Location of Waste/Source: NW 1/4 of NW 1/4 of Sec. 35, T. 8 N, R. 21 ☒E ☐W	Date Well Installed: 11/03/98 (m m / d d / y y)
Distance Well Is From Waste/Source Boundary: Unknown ft.	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient; d ☐ Downgradient n ■ Not Known	Well Installed By: (Person's Name and Firm) Wisconsin Soil Testing / Chuck
Is Well A Point of Enforcement Std. Application? ■ Yes ☐ No		

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation _____ ft. MSL
C. Land surface elevation 00.0 ft. MSL
D. Surface seal, bottom _____ ft. MSL or 0.5 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☒
SM ☐ SC ☐ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ☒ No

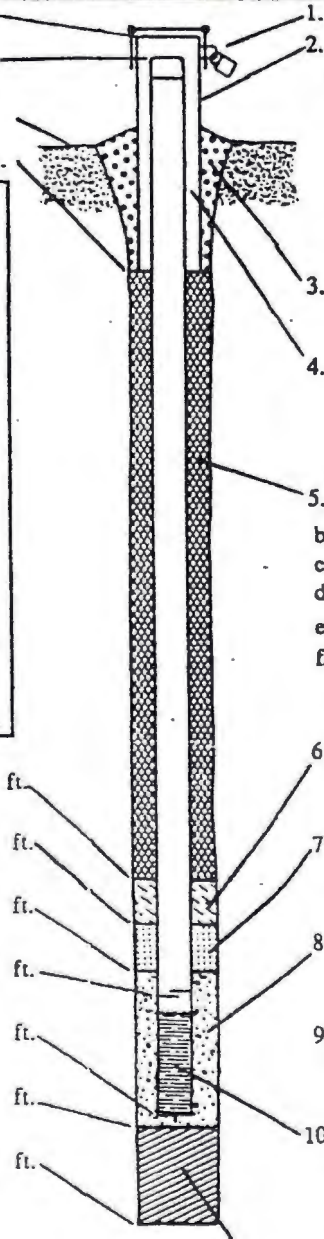
14. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ☒ 41; Other ☐ __

15. Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis):
N/A

E. Bentonite seal, top _____ ft. MSL or 0.5 ft.
F. Fine sand, top _____ ft. MSL or 1.5 ft.
G. Filter pack, top _____ ft. MSL or 4.0 ft.
H. Screen joint, top _____ ft. MSL or 5.0 ft.
I. Well bottom _____ ft. MSL or 20.0 ft.
J. Filter pack, bottom _____ ft. MSL or 20.0 ft.
K. Borehole, bottom _____ ft. MSL or 20.0 ft.
L. Borehole, diameter 8.25 in.
M. O.D. well casing 2.25 in.
N. I.D. well casing 2.00 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☒ 04; Other ☐ __
d. Additional protection? ☒ Yes ☐ No
If yes, describe: Expandable locking well cap
3. Surface seal: Bentonite ☐ 30; Concrete ☒ 01; Other ☐ __
4. Material between well casing and protective pipe: Bentonite ☒ 30; Annular space seal ☐ __; Other ☐ __
5. Annular space seal: a. Granular Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☒3/8 in. ☐1/2 in. Bentonite pellets ☐ 32
c. _____ Other ☐ __
7. Fine sand material: Manufacturer, product name & mesh size
a. #30 Red Flint Sand
b. Volume added 1 bag at 50# ×3
8. Filter pack material: Manufacturer, product name and mesh size
a. #35/45 Red Flint Sand
b. Volume added 10 bags @ 50# ea
9. Well casing: Flush threaded PVC schedule 40 ☒ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐ __
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11; Continuous slot ☐ 01; Other ☐ __
b. Manufacturer Environmental Manufacturing, Inc.
c. Slot size: 0.010 in
d. Slotted length: 15.0 ft
11. Backfill material (below filter pack): None ☒ 14; Other ☐ __

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

Signature: Joe Wisniewski | Firm: Environmental Associates, Inc.

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 4-90

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
Silver Terrace Center	Milwaukee	MW-8
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number** / **DNR Well Number**
_____	__	_____ / _____

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☒	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed and pumped	☐	70
compressed air	☐	20
bailed only	☐	10
pumped only	☐	51
pumped slowly	☐	50
Other _____	☐	

3. Time spent developing well 25 min.

4. Depth of well (from top of well casisng) 20.3 ft.

5. Inside diameter of well 1.97 in.

6. Volume of water in filter pack and well casing 10.4 gal.

7. Volume of water removed from well 10.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added _____

10. Analysis performed on water added? ☐ Yes ☒ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 2.86 ft.	13.41 ft.
Date	b. 11/13/98 (m m d d y y)	11/13/98 (m m d d y y)
Time	c. 12:30 ☐ a.m. ☒ p.m.	1:00 ☐ a.m. ☒ p.m.
12. Sediment in well bottom	2.0 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe) Silty Grey	Clear ☐ 20 Turbid ☒ 25 (Describe) Light Grey

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

16. Additional comments on development:

Well developed by: Person's Name and Firm

Name: Tony Martin

Firm: Environmental Associates

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

Signature: Tony Martin

Print Initials: T W M

Firm: Environmental Associates

NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Superfund ☒ Other Remediation & Redevelopment

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 5-92

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Silver Terrace Center		MW9

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Wisconsin Soil Testing / Chuck	11/03/98 (M M / D D / Y Y)	11/03/98 (M M / D D / Y Y)	HSA

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		MW9	____ Feet MSL	____ Feet MSL	8 1/4 inches

Boring Location
State Plane ____ N, ____ E S/C/N
NW 1/4 of NW 1/4 of Section 35, T 8 N, R 21 (E)/W
Lat 43° 07' 09" Long 87° 59' 08"

Local Grid Location (If applicable)
____ Feet ☐ N ☐ S ____ Feet ☐ E ☐ W

County	DNR County Code	Civil Town/(City)/ or Village
Milwaukee	41	Milwaukee

Sample Number and Type	Sample Length Att. & Recovered (in)	Sample 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
MW9 (1-3)	36"	2, 3, 5	2	Gravel (Fill)				–						
				Orange/Brown medium stiff clay, moist	CL					M				
MW9 (3-5)	24"	3, 4, 5	4					–						
MW9 (5-7)	24"	4, 5, 7	6	Fine orange sand, wet	SP			–		W				
MW9 (7-9)	24"	4, 5, 6	8	Grey silty clay, stiff, moist				–						
MW9 (9-11)	24"	3, 3, 4	10	Interbedded fine sand layers at 11 to 15' bgs				–		M				
MW9 (11-13)	24"	4, 4, 4	12	Grey clay, soft, wet at 13' bgs				–						
MW9 13-15)	24"	4, 6, 7	14					–						
MW9 (15-17)	24"	3, 3, 3	16					–		W				
MW9 (17-20)	36"	3, 4, 4	18	Grey silty sand, trace clay, wet				–						
			20											

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

Signature	Firm
Jae Michaeldmel	Environmental Associates, Inc.

This form is authorized by Chapters 144.147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than $10 nor more than $5,000 for each violation. Fined not less than $10 or more than $100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

State of Wisconsin
Department of Natural Resources

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ■ Underground Tanks ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 4-90

Facility/Project Name: Silver Terrace Center	Local Grid Location of Well: _____ ft. ☐N ☐S, _____ ft. ☐E ☐W	Well Name: MW9
Facility License, Permit or Monitoring Number: _____	Grid Origin Location: Lat. _____ Long. _____ or	Wis. Unique Well Number: _____ DNR Well Number: _____
Type of Well: Water Table Observation Well ■ 11; Piezometer ☐ 12	St. Plane _____ ft. N, _____ ft. E.	Date Well Installed: 11/03/98 (m m d d y y)
Distance Well Is From Waste/Source Boundary: UnKnown ft.	Section Location of Waste/Source: NW 1/4 of NW 1/4 of Sec. 35, T. 8 N, R. 21 ■E ☐W	Well Installed By: (Person's Name and Firm) Wisconsin Soil Testing / Chuck
Is Well A Point of Enforcement Std. Application? ■ Yes ☐ No	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient; d ☐ Downgradient n ☐ Not Known	

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation 0.0 ft. MSL

D. Surface seal, bottom _____ ft. MSL or 0.5 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☒
SM ☐ SC ☐ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ☐ 41; Other ☐ __ _____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01 Drilling Mud ☐ 03 None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No

Describe _____

17. Source of water (attach analysis):

E. Bentonite seal, top _____ ft. MSL or 0.5 ft.

F. Fine sand, top _____ ft. MSL or 1.5 ft.

G. Filter pack, top _____ ft. MSL or 4.0 ft.

H. Screen joint, top _____ ft. MSL or 5.0 ft.

I. Well bottom _____ ft. MSL or 20.0 ft.

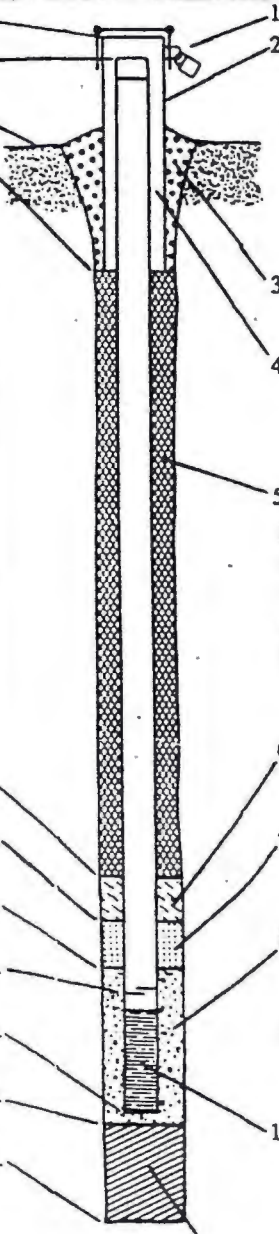
J. Filter pack, bottom _____ ft. MSL or 20.0 ft.

K. Borehole, bottom _____ ft. MSL or 20.0 ft.

L. Borehole, diameter 8.25 in.

M. O.D. well casing 2.25 in.

N. I.D. well casing 2.00 in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☒ 04; Other ☐ __ _____
d. Additional protection? ☒ Yes ☐ No
If yes, describe: Expandable locking well cap

3. Surface seal: Bentonite ☐ 30; Concrete ☒ 01; Other ☐ __ _____

4. Material between well casing and protective pipe: Bentonite ☒ 30; Annular space seal ☐ __; Other ☐ __ _____

5. Annular space seal: a. Granular Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☒3/8 in. ☐1/2 in. Bentonite pellets ☐ 32
c. _____ Other ☐ __

7. Fine sand material: Manufacturer, product name & mesh size
a. #30 Red Flint Sand __
b. Volume added 1 bag @ 50# __

8. Filter pack material: Manufacturer, product name and mesh size
a. #35/45 Red Flint Sand __
b. Volume added 10 bags @ 50# __

9. Well casing: Flush threaded PVC schedule 40 ☒ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐ __ _____

10. Screen material: PVC __
a. Screen type: Factory cut ☐ 11; Continuous slot ☐ 01; Other ☐ __ _____
b. Manufacturer Environmental Manufacturing, Inc.
c. Slot size: 0.010 in
d. Slotted length: 15.0 ft

11. Backfill material (below filter pack): None ☒ 14; Other ☐ __ _____

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

Signature	Firm
Jill Michaelchuck	Environmental Associates, Inc.

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 4-90

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
Silver Terrace Center	Milwaukee	MW-9
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number** / **DNR Well Number**
_____	__	_____ / _____

		Before Development	After Development
1. Can this well be purged dry?	☒ Yes ☐ No		
2. Well development method			
surged with bailer and bailed	☒ 41		
surged with bailer and pumped	☐ 61		
surged with block and bailed	☐ 42		
surged with block and pumped	☐ 62		
surged with block, bailed and pumped	☐ 70		
compressed air	☐ 20		
bailed only	☐ 10		
pumped only	☐ 51		
pumped slowly	☐ 50		
Other _____	☐ __		
11. Depth to Water (from top of well casing)		a. 14.88 ft.	15.36 ft.
Date		b. 11/13/98 (m m d d y y)	__/__/__ (m m d d y y)
Time		c. 11:00 ☒ a.m. ☐ p.m.	11:40 ☒ a.m. ☐ p.m.
12. Sediment in well bottom		1.5 inches	0.0 inches
13. Water clarity		Clear ☐ 10 Turbid ☒ 15 (Describe) Silty Brown	Clear ☐ 20 Turbid ☒ 25 (Describe) Light Brown
3. Time spent developing well	30 min.		
4. Depth of well (from top of well casisng)	20.2 ft.		
5. Inside diameter of well	1.97 in.		
6. Volume of water in filter pack and well casing	5.3 gal.		
7. Volume of water removed from well	12.0 gal.		
8. Volume of water added (if any)	0.0 gal.		
9. Source of water added	N/A		
10. Analysis performed on water added? (If yes, attach results)	☐ Yes ☒ No		

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

16. Additional comments on development:

Well developed by: Person's Name and Firm

Name: Tony Martin

Firm: Environmental Associates

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

Signature: Tony Martin

Print Initials: TWM

Firm: Environmental Associates

NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

JUN 2 5 1998

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Project #: 97-03553
Project : Silver Terrace Center
Sample ID: MW-5-10'-12'
Lab Code: 5021690A
Sample Type: Soil
Sample Date: 03-Jun-98

Report Date: 18-Jun-98

Test	Result	LOD	LOQ	Unit	Dilution Factor	Date Analyzed:	Analyzed By:	QC Code
TOTAL SOLIDS	88.7			%		05-Jun-98	JHL	1
MODIFIED DRO WDNR SEP 95	< 10	0.29	0.97	MG/KG	1	05-Jun-98	BNR	1

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

QC SUMMARY

CODE:

1 All laboratory QC requirements were met for this sample.

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

VOC
Method 8260 Volatile Organic Compounds
(Methanol Preserved)

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 18-Jun-98
Analyzed By: CJR

Project #: 97-03553
Project : Silver Terrace Center
Sample ID: MW-5-10'-12'
Lab Code: 5021690A
Sample Type: Soil
Sample Date: 03-Jun-98
Date Analyzed: 16-Jun-98

ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
Benzene	< 25	6.2	21	1
Bromobenzene	< 25	4.3	14	1
Bromodichloromethane	< 25	6.5	22	1
n-Butylbenzene	< 25	3.1	10	1
sec-Butylbenzene	< 25	4.1	14	1
tert-Butylbenzene	< 25	6.5	22	1
Carbon Tetrachloride	< 25	4	13	1
Chlorobenzene	< 25	5.3	18	1
Chloroethane	< 25	11	37	1
Chloroform	< 25	3.1	10	1
Chloromethane	< 25	6.9	23	1
2-Chlorotoluene	< 25	4.6	15	1
4-Chlorotoluene	< 25	4.4	15	1
1,2-Dibromo-3-Chloropropane	< 25	11	37	1
Dibromochloromethane	< 25	5.4	18	1
1,2-Dichlorobenzene	< 25	3.6	12	1
1,3-Dichlorobenzene	< 25	4.4	15	1
1,4-Dichlorobenzene	< 25	4.4	15	1
Dichlorodifluoromethane	< 25	11	37	1
1,1-Dichloroethane	< 25	4.7	16	1
1,2-Dichloroethane	< 25	8.3	28	1
1,1-Dichloroethene	< 25	4.5	15	1
cis-1,2-Dichloroethene	< 25	5	17	1
trans-1,2-Dichloroethene	< 25	4.5	15	1
1,2-Dichloropropane	< 25	4.2	14	1
1,3-Dichloropropane	< 25	4.3	15	1

ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
2,2-Dichloropropane	< 25	4	13	1
Di-Isopropyl ether	< 25	3	10	1
Ethylbenzene	< 25	4.4	15	1
EDB (1,2-Dibromoethane)	< 25	3.5	12	1
Hexachlorobutadiene	< 25	7.5	25	1
Isopropylbenzene	< 25	5.2	17	1
p-Isopropyltoluene	< 25	3.1	10	1
Methylene chloride	< 25	10	35	1
MTBE	< 25	5.6	19	1
Naphthalene	< 25	4.2	14	1
n-Propylbenzene	< 25	4.5	15	1
1,1,2,2-Tetrachloroethane	< 25	3.4	11	1
Tetrachloroethene	< 25	6.1	21	1
Toluene	< 25	5.3	18	1
1,2,3-Trichlorobenzene	< 25	4	14	1
1,2,4-Trichlorobenzene	< 25	4.4	15	1
1,1,1-Trichloroethane	< 25	6.7	22	1
1,1,2-Trichloroethane	< 25	3.7	12	1
Trichloroethene	< 25	4.5	15	1
Trichlorofluoromethane	< 25	14	45	1
1,2,4-Trimethylbenzene	< 25	4.5	15	1
1,3,5-Trimethylbenzene	< 25	4.1	14	1
Vinyl Chloride	< 25	5.6	19	1
m&p-Xylene	< 50	8.2	27	1
o-Xylene	< 25	2.5	8.4	1

Dibromofluoromethane Sur	98 % Rec.
1,2-Dichloroethane-d4 Sur	100 % Rec.
Toluene-d8 Sur	98 % Rec.
4-Bromofluorobenzene Sur	100 % Rec.

LOD = Limit of Detection
LOQ = Limit of Quantitation
GCMS #12
QC Batch # 120204
Total % Solids 89

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

QC Summary

Method 8260 Volatile Organic Compounds

Project #: 97-03553 Report Date: 18-Jun-98
Sample ID: MW-5-10'-12' Lab Code: 5021690A

ANALYTE	INITIAL CALIBRATION	KNOWN STANDARD	INT STD AREA %	METHOD BLANK	LCS SPIKE	MATRIX SPIKE	MATRIX SPIKE RPD
Benzene	P	P	P	P	P	P	P
Bromobenzene	P	P	P	P	P	P	P
Bromodichloromethane	P	P	P	P	P	P	P
n-Butylbenzene	P	P	P	P	P	P	P
sec-Butylbenzene	P	P	P	P	P	P	P
tert-Butylbenzene	P	P	P	P	P	P	P
Carbon Tetrachloride	P	P	P	P	P	P	P
Chlorobenzene	P	P	P	P	P	P	P
Chloroethane	P	P	P	P	F	F	P
Chloroform	P	P	P	P	P	P	P
Chloromethane	P	P	P	P	F	F	P
2-Chlorotoluene	P	P	P	P	P	P	P
4-Chlorotoluene	P	P	P	P	P	P	P
1,2-Dibromo-3-Chloropropane	P	P	P	P	P	P	P
Dibromochloromethane	P	P	P	P	P	P	P
1,2-Dichlorobenzene	P	P	P	P	P	P	P
1,3-Dichlorobenzene	P	P	P	P	P	P	P
1,4-Dichlorobenzene	P	P	P	P	P	P	P
Dichlorodifluoromethane	P	P	P	P	F	F	F
1,1-Dichloroethane	P	P	P	P	P	P	P
1,2-Dichloroethane	P	P	P	P	P	P	P
1,1-Dichloroethene	P	P	P	P	F	P	P
cis-1,2-Dichloroethene	P	P	P	P	P	P	P
trans-1,2-Dichloroethene	P	P	P	P	P	P	P
1,2-Dichloropropane	P	P	P	P	P	P	P
1,3-Dichloropropane	P	P	P	P	P	P	P
2,2-Dichloropropane	P	P	P	P	F	P	P
Di-Isopropyl Ether	P	P	P	P	P	P	P
Ethylbenzene	P	P	P	P	P	P	P
EDB (1,2-Dibromoethane)	P	P	P	P	P	P	P
Hexachlorobutadiene	P	P	P	P	P	P	P
Isopropylbenzene	P	P	P	P	P	P	P
p-Isopropyltoluene	P	P	P	P	P	P	P
Methylene Chloride	P	P	P	P	P	P	P
MTBE	P	P	P	P	P	P	P
Naphthalene	P	P	P	P	P	P	P
n-Propylbenzene	P	P	P	P	P	P	P
1,1,2,2-Tetrachloroethane	P	P	P	P	P	P	P
Tetrachloroethene	P	P	P	P	P	P	P
Toluene	P	P	P	P	P	P	P
1,2,3-Trichlorobenzene	P	P	P	P	P	P	P
1,2,4-Trichlorobenzene	P	P	P	P	P	P	P
1,1,1-Trichloroethane	P	P	P	P	P	P	P
1,1,2-Trichloroethane	P	P	P	P	P	P	P
Trichloroethene	P	P	P	P	P	P	P
Trichlorofluoromethane	P	P	P	P	F	F	P
1,2,4-Trimethylbenzene	P	P	P	P	P	P	P
1,3,5-Trimethylbenzene	P	P	P	P	P	P	P
Vinyl Chloride	P	P	P	P	F	F	P
m&p-Xylene	P	P	P	P	P	P	P
o-Xylene	P	P	P	P	P	P	P

SPCC 1,1-Dichloroethane	P
SPCC 1,1,2,2-Tetrachloroethane	P
SPCC Bromoform	P
SPCC Chlorobenzene	P
SPCC Chloromethane	P

QC Batch # 120204
F = Failed QC limits.
P = Passed QC limits.
NA = Not Applicable

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 18-Jun-98

Project #: 97-03553
Project : Silver Terrace Center
Sample ID: MW5-18'-20'
Lab Code: 5021690B
Sample Type: Soil
Sample Date: 03-Jun-98

Test	Result	LOD	LOQ	Unit	Dilution Factor	Date Analyzed:	Analyzed By:	QC Code
TOTAL SOLIDS	82.1			%		05-Jun-98	JHL	1
MODIFIED DRO WDNR SEP 95	< 10	0.29	0.97	MG/KG	1	05-Jun-98	BNR	1

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

QC SUMMARY

CODE:

1 All laboratory QC requirements were met for this sample.

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

VOC
Method 8260 Volatile Organic Compounds
(Methanol Preserved)

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 18-Jun-98
Analyzed By: CJR

Project #: 97-03553
Project : Silver Terrace Center
Sample ID: MW5-18'-20'
Lab Code: 5021690B
Sample Type: Soil
Sample Date: 03-Jun-98
Date Analyzed: 17-Jun-98

ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
Benzene	< 25	6.2	21	1
Bromobenzene	< 25	4.3	14	1
Bromodichloromethane	< 25	6.5	22	1
n-Butylbenzene	< 25	3.1	10	1
sec-Butylbenzene	< 25	4.1	14	1
tert-Butylbenzene	< 25	6.5	22	1
Carbon Tetrachloride	< 25	4	13	1
Chlorobenzene	< 25	5.3	18	1
Chloroethane	< 25	11	37	1
Chloroform	< 25	3.1	10	1
Chloromethane	< 25	6.9	23	1
2-Chlorotoluene	< 25	4.6	15	1
4-Chlorotoluene	< 25	4.4	15	1
1,2-Dibromo-3-Chloropropane	< 25	11	37	1
Dibromochloromethane	< 25	5.4	18	1
1,2-Dichlorobenzene	< 25	3.6	12	1
1,3-Dichlorobenzene	< 25	4.4	15	1
1,4-Dichlorobenzene	< 25	4.4	15	1
Dichlorodifluoromethane	< 25	11	37	1
1,1-Dichloroethane	< 25	4.7	16	1
1,2-Dichloroethane	< 25	8.3	28	1
1,1-Dichloroethene	< 25	4.5	15	1
cis-1,2-Dichloroethene	< 25	5	17	1
trans-1,2-Dichloroethene	< 25	4.5	15	1
1,2-Dichloropropane	< 25	4.2	14	1
1,3-Dichloropropane	< 25	4.3	15	1

ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
2,2-Dichloropropane	< 25	4	13	1
Di-Isopropyl ether	< 25	3	10	1
Ethylbenzene	< 25	4.4	15	1
EDB (1,2-Dibromoethane)	< 25	3.5	12	1
Hexachlorobutadiene	< 25	7.5	25	1
Isopropylbenzene	< 25	5.2	17	1
p-Isopropyltoluene	< 25	3.1	10	1
Methylene chloride	< 25	10	35	1
MTBE	< 25	5.6	19	1
Naphthalene	< 25	4.2	14	1
n-Propylbenzene	< 25	4.5	15	1
1,1,2,2-Tetrachloroethane	< 25	3.4	11	1
Tetrachloroethene	< 25	6.1	21	1
Toluene	< 25	5.3	18	1
1,2,3-Trichlorobenzene	< 25	4	14	1
1,2,4-Trichlorobenzene	< 25	4.4	15	1
1,1,1-Trichloroethane	< 25	6.7	22	1
1,1,2-Trichloroethane	< 25	3.7	12	1
Trichloroethene	< 25	4.5	15	1
Trichlorofluoromethane	< 25	14	45	1
1,2,4-Trimethylbenzene	< 25	4.5	15	1
1,3,5-Trimethylbenzene	< 25	4.1	14	1
Vinyl Chloride	< 25	5.6	19	1
m&p-Xylene	< 50	8.2	27	1
o-Xylene	< 25	2.5	8.4	1

Dibromofluoromethane Sur	93 % Rec.
1,2-Dichloroethane-d4 Sur	100 % Rec.
Toluene-d8 Sur	99 % Rec.
4-Bromofluorobenzene Sur	101 % Rec.

LOD = Limit of Detection
LOQ = Limit of Quantitation
GCMS #12
QC Batch # 120224
Total % Solids 82

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

QC Summary

Method 8260 Volatile Organic Compounds

Project #: 97-03553 Report Date: 18-Jun-98
Sample ID: MW5-18'-20' Lab Code: 50216903

ANALYTE	INITIAL CALIBRATION	KNOWN STANDARD	INT STD AREA %	METHOD BLANK	LCS SPIKE	MATRIX SPIKE	MATRIX SPIKE RPD
Benzene	P	P	P	P	P	P	P
Bromobenzene	P	P	P	P	P	P	P
Bromodichloromethane	P	P	P	P	P	P	P
n-Butylbenzene	P	P	P	P	P	P	P
sec-Butylbenzene	P	P	P	P	P	P	P
tert-Butylbenzene	P	P	P	P	P	P	P
Carbon Tetrachloride	P	P	P	P	P	P	P
Chlorobenzene	P	P	P	P	P	P	P
Chloroethane	P	P	P	P	F	F	P
Chloroform	P	P	P	P	P	P	P
Chloromethane	P	P	P	P	F	F	P
2-Chlorotoluene	P	P	P	P	P	P	P
4-Chlorotoluene	P	P	P	P	P	P	P
1,2-Dibromo-3-Chloropropane	P	P	P	P	P	P	P
Dibromochloromethane	P	P	P	P	P	P	P
1,2-Dichlorobenzene	P	P	P	P	P	P	P
1,3-Dichlorobenzene	P	P	P	P	P	P	P
1,4-Dichlorobenzene	P	P	P	P	P	P	P
Dichlorodifluoromethane	P	P	P	P	F	F	F
1,1-Dichloroethane	P	P	P	P	P	P	P
1,2-Dichloroethane	P	P	P	P	P	P	P
1,1-Dichloroethene	P	P	P	P	F	P	P
cis-1,2-Dichloroethene	P	P	P	P	P	P	P
trans-1,2-Dichloroethene	P	P	P	P	P	P	P
1,2-Dichloropropane	P	P	P	P	P	P	P
1,3-Dichloropropane	P	P	P	P	P	P	P
2,2-Dichloropropane	P	P	P	P	F	P	P
Di-isopropyl Ether	P	P	P	P	P	P	P
Ethylbenzene	P	P	P	P	P	P	P
EDB (1,2-Dibromoethane)	P	P	P	P	P	P	P
Hexachlorobutadiene	P	P	P	P	P	P	P
Isopropylbenzene	P	P	P	P	P	P	P
p-Isopropyltoluene	P	P	P	P	P	P	P
Methylene Chloride	P	P	P	P	P	P	P
MTBE	P	P	P	P	P	P	P
Naphthalene	P	P	P	P	P	P	P
n-Propylbenzene	P	P	P	P	P	P	P
1,1,2,2-Tetrachloroethane	P	P	P	P	P	P	P
Tetrachloroethene	P	P	P	P	P	P	P
Toluene	P	P	P	P	P	P	P
1,2,3-Trichlorobenzene	P	P	P	P	P	P	P
1,2,4-Trichlorobenzene	P	P	P	P	P	P	P
1,1,1-Trichloroethane	P	P	P	P	P	P	P
1,1,2-Trichloroethane	P	P	P	P	P	P	P
Trichloroethene	P	P	P	P	P	P	P
Trichlorofluoromethane	P	P	P	P	F	F	P
1,2,4-Trimethylbenzene	P	P	P	P	P	P	P
1,3,5-Trimethylbenzene	P	P	P	P	P	P	P
Vinyl Chloride	P	P	P	P	F	F	P
m&p-Xylene	P	P	P	P	P	P	P
o-Xylene	P	P	P	P	P	P	P

SPCC 1,1-Dichloroethane	P
SPCC 1,1,2,2-Tetrachloroethane	P
SPCC Bromoform	P
SPCC Chlorobenzene	P
SPCC Chloromethane	P

QC Batch # 120204
F = Failed QC limits.
P = Passed QC limits.
NA = Not Applicable

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027650

VOC
Method 8260 Volatile Organic Compounds
(Methanol Preserved)

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 18-Jun-98
Analyzed By: CJR

Project #: 97-03553
Project : Silver Terrace Center
Sample ID: MW6-12'-14'
Lab Code: 5021690C
Sample Type: Soil
Sample Date: 03-Jun-98
Date Analyzed: 17-Jun-98

ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
Benzene	< 25	6.2	21	1
Bromobenzene	< 25	4.3	14	1
Bromodichloromethane	< 25	6.5	22	1
n-Butylbenzene	< 25	3.1	10	1
sec-Butylbenzene	< 25	4.1	14	1
tert-Butylbenzene	< 25	6.5	22	1
Carbon Tetrachloride	< 25	4	13	1
Chlorobenzene	< 25	5.3	18	1
Chloroethane	< 25	11	37	1
Chloroform	< 25	3.1	10	1
Chloromethane	< 25	6.9	23	1
2-Chlorotoluene	< 25	4.6	15	1
4-Chlorotoluene	< 25	4.4	15	1
1,2-Dibromo-3-Chloropropane	< 25	11	37	1
Dibromochloromethane	< 25	5.4	18	1
1,2-Dichlorobenzene	< 25	3.6	12	1
1,3-Dichlorobenzene	< 25	4.4	15	1
1,4-Dichlorobenzene	< 25	4.4	15	1
Dichlorodifluoromethane	< 25	11	37	1
1,1-Dichloroethane	< 25	4.7	16	1
1,2-Dichloroethane	< 25	8.3	28	1
1,1-Dichloroethene	< 25	4.5	15	1
cis-1,2-Dichloroethene	< 25	5	17	1
trans-1,2-Dichloroethene	< 25	4.5	15	1
1,2-Dichloropropane	< 25	4.2	14	1
1,3-Dichloropropane	< 25	4.3	15	1

ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
2,2-Dichloropropane	< 25	4	13	1
Di-Isopropyl ether	< 25	3	10	1
Ethylbenzene	< 25	4.4	15	1
EDB (1,2-Dibromoethane)	< 25	3.5	12	1
Hexachlorobutadiene	< 25	7.5	25	1
Isopropylbenzene	< 25	5.2	17	1
p-Isopropyltoluene	< 25	3.1	10	1
Methylene chloride	< 25	10	35	1
MTBE	< 25	5.6	19	1
Naphthalene	< 25	4.2	14	1
n-Propylbenzene	< 25	4.5	15	1
1,1,2,2-Tetrachloroethane	< 25	3.4	11	1
Tetrachloroethene	< 25	6.1	21	1
Toluene	< 25	5.3	18	1
1,2,3-Trichlorobenzene	< 25	4	14	1
1,2,4-Trichlorobenzene	< 25	4.4	15	1
1,1,1-Trichloroethane	< 25	6.7	22	1
1,1,2-Trichloroethane	< 25	3.7	12	1
Trichloroethene	< 25	4.5	15	1
Trichlorofluoromethane	< 25	14	45	1
1,2,4-Trimethylbenzene	< 25	4.5	15	1
1,3,5-Trimethylbenzene	< 25	4.1	14	1
Vinyl Chloride	< 25	5.6	19	1
m&p-Xylene	< 50	8.2	27	1
o-Xylene	< 25	2.5	8.4	1

Dibromofluoromethane Sur	98 % Rec.
1,2-Dichloroethane-d4 Sur	100 % Rec.
Toluene-d8 Sur	99 % Rec.
4-Bromofluorobenzene Sur	99 % Rec.

LOD = Limit of Detection
LOQ = Limit of Quantitation
QC Batch # 120204
Total % Solids 90

GCMS #12

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

QC Summary

Method 8260 Volatile Organic Compounds

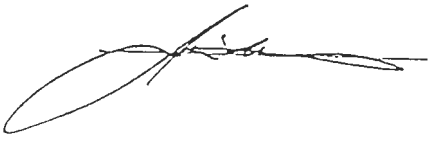
Project #: 97-03553
Sample ID: MW6-12'-14'
Report Date: 18-Jun-98
Lab Code: 5021690C

ANALYTE	INITIAL CALIBRATION	KNOWN STANDARD	INT STD AREA %	METHOD BLANK	LCS SPIKE	MATRIX SPIKE	MATRIX SPIKE RPD
Benzene	P	P	P	P	P	P	P
Bromobenzene	P	P	P	P	P	P	P
Bromodichloromethane	P	P	P	P	P	P	P
n-Butylbenzene	P	P	P	P	P	P	P
sec-Butylbenzene	P	P	P	P	P	P	P
tert-Butylbenzene	P	P	P	P	P	P	P
Carbon Tetrachloride	P	P	P	P	P	P	P
Chlorobenzene	P	P	P	P	P	P	P
Chloroethane	P	P	P	P	P	P	P
Chloroform	P	P	P	P	F	F	P
Chloromethane	P	P	P	P	P	P	P
2-Chlorotoluene	P	P	P	P	F	F	P
4-Chlorotoluene	P	P	P	P	P	P	P
1,2-Dibromo-3-Chloropropane	P	P	P	P	P	P	P
Dibromochloromethane	P	P	P	P	P	P	P
1,2-Dichlorobenzene	P	P	P	P	P	P	P
1,3-Dichlorobenzene	P	P	P	P	P	P	P
1,4-Dichlorobenzene	P	P	P	P	P	P	P
Dichlorodifluoromethane	P	P	P	P	P	P	P
1,1-Dichloroethane	P	P	P	P	F	F	F
1,2-Dichloroethane	P	P	P	P	P	P	P
1,1-Dichloroethene	P	P	P	P	P	P	P
cis-1,2-Dichloroethene	P	P	P	P	F	P	P
trans-1,2-Dichloroethene	P	P	P	P	P	P	P
1,2-Dichloropropane	P	P	P	P	P	P	P
1,3-Dichloropropane	P	P	P	P	P	P	P
2,2-Dichloropropane	P	P	P	P	P	P	P
Di-Isopropyl Ether	P	P	P	P	F	P	P
Ethylbenzene	P	P	P	P	P	P	P
EDB (1,2-Dibromoethane)	P	P	P	P	P	P	P
Hexachlorobutadiene	P	P	P	P	P	P	P
Isopropylbenzene	P	P	P	P	P	P	P
p-Isopropyltoluene	P	P	P	P	P	P	P
Methylene Chloride	P	P	P	P	P	P	P
MTBE	P	P	P	P	P	P	P
Naphthalene	P	P	P	P	P	P	P
n-Propylbenzene	P	P	P	P	P	P	P
1,1,2,2-Tetrachloroethane	P	P	P	P	P	P	P
Tetrachloroethene	P	P	P	P	P	P	P
Toluene	P	P	P	P	P	P	P
1,2,3-Trichlorobenzene	P	P	P	P	P	P	P
1,2,4-Trichlorobenzene	P	P	P	P	P	P	P
1,1,1-Trichloroethane	P	P	P	P	P	P	P
1,1,2-Trichloroethane	P	P	P	P	P	P	P
Trichloroethene	P	P	P	P	P	P	P
Trichlorofluoromethane	P	P	P	P	P	P	P
1,2,4-Trimethylbenzene	P	P	P	P	F	F	P
1,3,5-Trimethylbenzene	P	P	P	P	P	P	P
Vinyl Chloride	P	P	P	P	P	P	P
m&p-Xylene	P	P	P	P	F	F	P
o-Xylene	P	P	P	P	P	P	P

SPCC 1,1-Dichloroethane	P
SPCC 1,1,2,2-Tetrachloroethane	P
SPCC Bromoform	P
SPCC Chlorobenzene	P
SPCC Chloromethane	P

QC Batch # 120204
F = Failed QC limits.
P = Passed QC limits.
NA = Not Applicable

Authorized Signature



U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

VOC
Method 8260 Volatile Organic Compounds
(Methanol Preserved)

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 18-Jun-98
Analyzed By: CJR

Project #: 97-03553
Project : Silver Terrace Center
Sample ID: MW5-15'-20'
Lab Code: 5021690D
Sample Type: Soil
Sample Date: 03-Jun-98
Date Analyzed: 17-Jun-98

ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
Benzene	< 25	6.2	21	1
Bromobenzene	< 25	4.3	14	1
Bromodichloromethane	< 25	6.5	22	1
n-Butylbenzene	< 25	3.1	10	1
sec-Butylbenzene	< 25	4.1	14	1
tert-Butylbenzene	< 25	6.5	22	1
Carbon Tetrachloride	< 25	4	13	1
Chlorobenzene	< 25	5.3	18	1
Chloroethane	< 25	11	37	1
Chloroform	< 25	3.1	10	1
Chloromethane	< 25	6.9	23	1
2-Chlorotoluene	< 25	4.6	15	1
4-Chlorotoluene	< 25	4.4	15	1
1,2-Dibromo-3-Chloropropane	< 25	11	37	1
Dibromochloromethane	< 25	5.4	18	1
1,2-Dichlorobenzene	< 25	3.6	12	1
1,3-Dichlorobenzene	< 25	4.4	15	1
1,4-Dichlorobenzene	< 25	4.4	15	1
Dichlorodifluoromethane	< 25	11	37	1
1,1-Dichloroethane	< 25	4.7	16	1
1,2-Dichloroethane	< 25	8.3	28	1
1,1-Dichloroethene	< 25	4.5	15	1
cis-1,2-Dichloroethene	< 25	5	17	1
trans-1,2-Dichloroethene	< 25	4.5	15	1
1,2-Dichloropropane	< 25	4.2	14	1
1,3-Dichloropropane	< 25	4.3	15	1

ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
2,2-Dichloropropane	< 25	4	13	1
Di-Isopropyl ether	< 25	3	10	1
Ethylbenzene	< 25	4.4	15	1
EDB (1,2-Dibromoethane)	< 25	3.5	12	1
Hexachlorobutadiene	< 25	7.5	25	1
Isopropylbenzene	< 25	5.2	17	1
p-Isopropyltoluene	< 25	3.1	10	1
Methylene chloride	< 25	10	35	1
MTBE	< 25	5.6	19	1
Naphthalene	< 25	4.2	14	1
n-Propylbenzene	< 25	4.5	15	1
1,1,2,2-Tetrachloroethane	< 25	3.4	11	1
Tetrachloroethene	< 25	6.1	21	1
Toluene	< 25	5.3	18	1
1,2,3-Trichlorobenzene	< 25	4	14	1
1,2,4-Trichlorobenzene	< 25	4.4	15	1
1,1,1-Trichloroethane	< 25	6.7	22	1
1,1,2-Trichloroethane	< 25	3.7	12	1
Trichloroethene	< 25	4.5	15	1
Trichlorofluoromethane	< 25	14	45	1
1,2,4-Trimethylbenzene	< 25	4.5	15	1
1,3,5-Trimethylbenzene	< 25	4.1	14	1
Vinyl Chloride	< 25	5.6	19	1
m&p-Xylene	< 50	8.2	27	1
o-Xylene	< 25	2.5	8.4	1

Dibromofluoromethane Sur	98 % Rec.
1,2-Dichloroethane-d4 Sur	100 % Rec.
Toluene-d8 Sur	99 % Rec.
4-Bromofluorobenzene Sur	100 % Rec.

LOD = Limit of Detection
LOQ = Limit of Quantitation
QC Batch # 120304
Total % Solids 82

GCMS #12

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

QC Summary

Method 8260 Volatile Organic Compounds

Project #: 97-03553
Sample ID: MW6-18'-20'

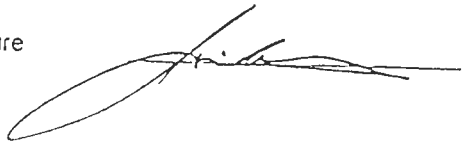
Report Date: 18-Jun-98
Lab Code: 5021690D

ANALYTE	INITIAL CALIBRATION	KNOWN STANDARD	INT STD AREA %	METHOD BLANK	LCS SPIKE	MATRIX SPIKE	MATRIX SPIKE RPD
Benzene	P	P	P	P	P	P	P
Bromobenzene	P	P	P	P	P	P	P
Bromodichloromethane	P	P	P	P	P	P	P
n-Butylbenzene	P	P	P	P	P	P	P
sec-Butylbenzene	P	P	P	P	P	P	P
tert-Butylbenzene	P	P	P	P	P	P	P
Carbon Tetrachloride	P	P	P	P	P	P	P
Chlorobenzene	P	P	P	P	P	P	P
Chloroethane	P	P	P	P	P	P	P
Chloroform	P	P	P	P	F	F	P
Chloromethane	P	P	P	P	P	P	P
2-Chlorotoluene	P	P	P	P	F	F	P
4-Chlorotoluene	P	P	P	P	P	P	P
1,2-Dibromo-3-Chloropropane	P	P	P	P	P	P	P
Dibromochloromethane	P	P	P	P	P	P	P
1,2-Dichlorobenzene	P	P	P	P	P	P	P
1,3-Dichlorobenzene	P	P	P	P	P	P	P
1,4-Dichlorobenzene	P	P	P	P	P	P	P
Dichlorodifluoromethane	P	P	P	P	P	P	P
1,1-Dichloroethane	P	P	P	P	F	F	F
1,2-Dichloroethane	P	P	P	P	P	P	P
1,1-Dichloroethene	P	P	P	P	P	P	P
cis-1,2-Dichloroethene	P	P	P	P	F	P	P
trans-1,2-Dichloroethene	P	P	P	P	P	P	P
1,2-Dichloropropane	P	P	P	P	P	P	P
1,3-Dichloropropane	P	P	P	P	P	P	P
2,2-Dichloropropane	P	P	P	P	P	P	P
Di-Isopropyl Ether	P	P	P	P	F	P	P
Ethylbenzene	P	P	P	P	P	P	P
EDB (1,2-Dibromoethane)	P	P	P	P	P	P	P
Hexachlorobutadiene	P	P	P	P	P	P	P
Isopropylbenzene	P	P	P	P	P	P	P
p-Isopropyltoluene	P	P	P	P	P	P	P
Methylene Chloride	P	P	P	P	P	P	P
MTBE	P	P	P	P	P	P	P
Naphthalene	P	P	P	P	P	P	P
n-Propylbenzene	P	P	P	P	P	P	P
1,1,2,2-Tetrachloroethane	P	P	P	P	P	P	P
Tetrachloroethene	P	P	P	P	P	P	P
Toluene	P	P	P	P	P	P	P
1,2,3-Trichlorobenzene	P	P	P	P	P	P	P
1,2,4-Trichlorobenzene	P	P	P	P	P	P	P
1,1,1-Trichloroethane	P	P	P	P	P	P	P
1,1,2-Trichloroethane	P	P	P	P	P	P	P
Trichloroethene	P	P	P	P	P	P	P
Trichlorofluoromethane	P	P	P	P	P	P	P
1,2,4-Trimethylbenzene	P	P	P	P	F	F	P
1,3,5-Trimethylbenzene	P	P	P	P	P	P	P
Vinyl Chloride	P	P	P	P	P	P	P
m&p-Xylene	P	P	P	P	F	F	P
o-Xylene	P	P	P	P	P	P	P

SPCC 1,1-Dichloroethane	P
SPCC 1,1,2,2-Tetrachloroethane	P
SPCC Bromoform	P
SPCC Chlorobenzene	P
SPCC Chloromethane	P

QC Batch # 120204
F = Failed QC limits.
P = Passed QC limits.
NA = Not Applicable

Authorized Signature



U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 18-Jun-98

Project #: 97-03553
Project : Silver Terrace Center
Sample ID: MW7-6'-8'
Lab Code: 5021690E
Sample Type: Soil
Sample Date: 03-Jun-98

Test	Result	LOD	LOQ	Unit	Dilution Factor	Date Analyzed:	Analyzed By:	QC Code
TOTAL SOLIDS	82.7			%		05-Jun-98	JHL	1
MODIFIED DRO WDNR SEP 95	< 10	0.29	0.97	MG/KG	1	.05-Jun-98	BNR	1

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

QC SUMMARY

CODE:

1 All laboratory QC requirements were met for this sample.

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

VOC
Method 8260 Volatile Organic Compounds
(Methanol Preserved)

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 18-Jun-98
Analyzed By: CJR

Project #: 97-03553
Project : Silver Terrace Center
Sample ID: MW7-6'-8'
Lab Code: 5021690E
Sample Type: Soil
Sample Date: 03-Jun-98
Date Analyzed: 17-Jun-98

ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
Benzene	< 25	6.2	21	1
Bromobenzene	< 25	4.3	14	1
Bromodichloromethane	< 25	6.5	22	1
n-Butylbenzene	< 25	3.1	10	1
sec-Butylbenzene	110	4.1	14	1
tert-Butylbenzene	< 25	6.5	22	1
Carbon Tetrachloride	< 25	4	13	1
Chlorobenzene	< 25	5.3	18	1
Chloroethane	< 25	11	37	1
Chloroform	< 25	3.1	10	1
Chloromethane	< 25	6.9	23	1
2-Chlorotoluene	< 25	4.6	15	1
4-Chlorotoluene	< 25	4.4	15	1
1,2-Dibromo-3-Chloropropane	< 25	11	37	1
Dibromochloromethane	< 25	5.4	18	1
1,2-Dichlorobenzene	< 25	3.6	12	1
1,3-Dichlorobenzene	< 25	4.4	15	1
1,4-Dichlorobenzene	< 25	4.4	15	1
Dichlorodifluoromethane	< 25	11	37	1
1,1-Dichloroethane	< 25	4.7	16	1
1,2-Dichloroethane	< 25	8.3	28	1
1,1-Dichloroethene	< 25	4.5	15	1
cis-1,2-Dichloroethene	< 25	5	17	1
trans-1,2-Dichloroethene	< 25	4.5	15	1
1,2-Dichloropropane	< 25	4.2	14	1
1,3-Dichloropropane	< 25	4.3	15	1

ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
2,2-Dichloropropane	< 25	4	13	1
Di-Isopropyl ether	< 25	3	10	1
Ethylbenzene	< 25	4.4	15	1
EDB (1,2-Dibromoethane)	< 25	3.5	12	1
Hexachlorobutadiene	< 25	7.5	25	1
Isopropylbenzene	< 25	5.2	17	1
p-Isopropyltoluene	< 25	3.1	10	1
Methylene chloride	< 25	10	35	1
MTBE	< 25	5.6	19	1
Naphthalene	< 25	4.2	14	1
n-Propylbenzene	< 25	4.5	15	1
1,1,2,2-Tetrachloroethane	< 25	3.4	11	1
Tetrachloroethene	< 25	6.1	21	1
Toluene	< 25	5.3	18	1
1,2,3-Trichlorobenzene	< 25	4	14	1
1,2,4-Trichlorobenzene	< 25	4.4	15	1
1,1,1-Trichloroethane	< 25	6.7	22	1
1,1,2-Trichloroethane	< 25	3.7	12	1
Trichloroethene	< 25	4.5	15	1
Trichlorofluoromethane	< 25	14	45	1
1,2,4-Trimethylbenzene	< 25	4.5	15	1
1,3,5-Trimethylbenzene	< 25	4.1	14	1
Vinyl Chloride	< 25	5.6	19	1
m&p-Xylene	< 50	8.2	27	1
o-Xylene	< 25	2.5	8.4	1

Dibromofluoromethane Sur	99 % Rec.
1,2-Dichloroethane-d4 Sur	100 % Rec.
Toluene-d8 Sur	98 % Rec.
4-Bromofluorobenzene Sur	100 % Rec.

LOD = Limit of Detection
LOQ = Limit of Quantitation
GCMS #12
QC Batch # 120264
Total % Solids 83

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027650

QC Summary

Method 8260 Volatile Organic Compounds

Project #: 97-03553 Report Date: 18-Jun-98
Sample ID: MW7-6'-8' Lab Code: 5021690E

ANALYTE	INITIAL CALIBRATION	KNOWN STANDARD	INT STD AREA %	METHOD BLANK	LCS SPIKE	MATRIX SPIKE	MATRIX SPIKE RPD
Benzene	P	P	P	P	P	P	P
Bromobenzene	P	P	P	P	P	P	P
Bromodichloromethane	P	P	P	P	P	P	P
n-Butylbenzene	P	P	P	P	P	P	P
sec-Butylbenzene	P	P	P	P	P	P	P
tert-Butylbenzene	P	P	P	P	P	P	P
Carbon Tetrachloride	P	P	P	P	P	P	P
Chlorobenzene	P	P	P	P	P	P	P
Chloroethane	P	P	P	P	F	F	P
Chloroform	P	P	P	P	P	P	P
Chloromethane	P	P	P	P	F	F	P
2-Chlorotoluene	P	P	P	P	P	P	P
4-Chlorotoluene	P	P	P	P	P	P	P
1,2-Dibromo-3-Chloropropane	P	P	P	P	P	P	P
Dibromochloromethane	P	P	P	P	P	P	P
1,2-Dichlorobenzene	P	P	P	P	P	P	P
1,3-Dichlorobenzene	P	P	P	P	P	P	P
1,4-Dichlorobenzene	P	P	P	P	P	P	P
Dichlorodifluoromethane	P	P	P	P	F	F	F
1,1-Dichloroethane	P	P	P	P	P	P	P
1,2-Dichloroethane	P	P	P	P	P	P	P
1,1-Dichloroethene	P	P	P	P	F	P	P
cis-1,2-Dichloroethene	P	P	P	P	P	P	P
trans-1,2-Dichloroethene	P	P	P	P	P	P	P
1,2-Dichloropropane	P	P	P	P	P	P	P
1,3-Dichloropropane	P	P	P	P	P	P	P
2,2-Dichloropropane	P	P	P	P	F	P	P
Di-Isopropyl Ether	P	P	P	P	P	P	P
Ethylbenzene	P	P	P	P	P	P	P
EDB (1,2-Dibromoethane)	P	P	P	P	P	P	P
Hexachlorobutadiene	P	P	P	P	P	P	P
Isopropylbenzene	P	P	P	P	P	P	P
p-Isopropyltoluene	P	P	P	P	P	P	P
Methylene Chloride	P	P	P	P	P	P	P
MTBE	P	P	P	P	P	P	P
Naphthalene	P	P	P	P	P	P	P
n-Propylbenzene	P	P	P	P	P	P	P
1,1,2,2-Tetrachloroethane	P	P	P	P	P	P	P
Tetrachloroethene	P	P	P	P	P	P	P
Toluene	P	P	P	P	P	P	P
1,2,3-Trichlorobenzene	P	P	P	P	P	P	P
1,2,4-Trichlorobenzene	P	P	P	P	P	P	P
1,1,1-Trichloroethane	P	P	P	P	P	P	P
1,1,2-Trichloroethane	P	P	P	P	P	P	P
Trichloroethene	P	P	P	P	P	P	P
Trichlorofluoromethane	P	P	P	P	F	F	P
1,2,4-Trimethylbenzene	P	P	P	P	P	P	P
1,3,5-Trimethylbenzene	P	P	P	P	P	P	P
Vinyl Chloride	P	P	P	P	F	F	P
m&p-Xylene	P	P	P	P	P	P	P
o-Xylene	P	P	P	P	P	P	P

SPCC 1,1-Dichloroethane	P
SPCC 1,1,2,2-Tetrachloroethane	P
SPCC Bromoform	P
SPCC Chlorobenzene	P
SPCC Chloromethane	P

QC Batch = 120204
F = Failed QC limits.
P = Passed QC limits.
NA = Not Applicable

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 18-Jun-98

Project #: 97-03553
Project : Silver Terrace Center
Sample ID: MW7-12'-14'
Lab Code: 5021690F
Sample Type: Soil
Sample Date: 03-Jun-98

Test	Result	LOD	LOQ	Unit	Dilution Factor	Date Analyzed:	Analyzed By:	QC Code
TOTAL SOLIDS	83.9			%		05-Jun-98	JHL	1
MODIFIED DRO WDNR SEP 95	< 10	0.29	0.97	MG/KG	1	05-Jun-98	BNR	1

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

QC SUMMARY

CODE:

1 All laboratory QC requirements were met for this sample.

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

VOC
Method 8260 Volatile Organic Compounds
(Methanol Preserved)

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 18-Jun-98
Analyzed By: CJR

Project #: 97-03553
Project : Silver Terrace Center
Sample ID: MW7-12'-14'
Lab Code: 5021690F
Sample Type: Soil
Sample Date: 03-Jun-98
Date Analyzed: 17-Jun-98

ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
Benzene	< 25	6.2	21	1
Bromobenzene	< 25	4.3	14	1
Bromodichloromethane	< 25	6.5	22	1
n-Butylbenzene	< 25	3.1	10	1
sec-Butylbenzene	< 25	4.1	14	1
tert-Butylbenzene	< 25	6.5	22	1
Carbon Tetrachloride	< 25	4	13	1
Chlorobenzene	< 25	5.3	18	1
Chloroethane	< 25	11	37	1
Chloroform	< 25	3.1	10	1
Chloromethane	< 25	6.9	23	1
2-Chlorotoluene	< 25	4.6	15	1
4-Chlorotoluene	< 25	4.4	15	1
1,2-Dibromo-3-Chloropropane	< 25	11	37	1
Dibromochloromethane	< 25	5.4	18	1
1,2-Dichlorobenzene	< 25	3.6	12	1
1,3-Dichlorobenzene	< 25	4.4	15	1
1,4-Dichlorobenzene	< 25	4.4	15	1
Dichlorodifluoromethane	< 25	11	37	1
1,1-Dichloroethane	< 25	4.7	16	1
1,2-Dichloroethane	< 25	8.3	28	1
1,1-Dichloroethene	< 25	4.5	15	1
cis-1,2-Dichloroethene	< 25	5	17	1
trans-1,2-Dichloroethene	< 25	4.5	15	1
1,2-Dichloropropane	< 25	4.2	14	1
1,3-Dichloropropane	< 25	4.3	15	1

ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
2,2-Dichloropropane	< 25	4	13	1
Di-Isopropyl ether	< 25	3	10	1
Ethylbenzene	< 25	4.4	15	1
EDB (1,2-Dibromoethane)	< 25	3.5	12	1
Hexachlorobutadiene	< 25	7.5	25	1
Isopropylbenzene	< 25	5.2	17	1
p-Isopropyltoluene	< 25	3.1	10	1
Methylene chloride	< 25	10	35	1
MTBE	< 25	5.6	19	1
Naphthalene	< 25	4.2	14	1
n-Propylbenzene	< 25	4.5	15	1
1,1,2,2-Tetrachloroethane	< 25	3.4	11	1
Tetrachloroethene	< 25	6.1	21	1
Toluene	< 25	5.3	18	1
1,2,3-Trichlorobenzene	< 25	4	14	1
1,2,4-Trichlorobenzene	< 25	4.4	15	1
1,1,1-Trichloroethane	< 25	6.7	22	1
1,1,2-Trichloroethane	< 25	3.7	12	1
Trichloroethene	< 25	4.5	15	1
Trichlorofluoromethane	< 25	14	45	1
1,2,4-Trimethylbenzene	< 25	4.5	15	1
1,3,5-Trimethylbenzene	< 25	4.1	14	1
Vinyl Chloride	< 25	5.6	19	1
m&p-Xylene	< 50	8.2	27	1
o-Xylene	< 25	2.5	8.4	1

Dibromofluoromethane Sur	99 % Rec.
1,2-Dichloroethane-d4 Sur	98 % Rec.
Toluene-d8 Sur	99 % Rec.
4-Bromofluorobenzene Sur	100 % Rec.

LOD = Limit of Detection
LOQ = Limit of Quantitation
GCMS #12
QC Batch # 120234
Total % Solids 84

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

QC Summary

Method 8260 Volatile Organic Compounds

Project #: 97-03553
Sample ID: MW7-12'-14'
Report Date: 18-Jun-98
Lab Code: 5021690F

ANALYTE	INITIAL CALIBRATION	KNOWN STANDARD	INT STD AREA %	METHOD BLANK	LCS SPIKE	MATRIX SPIKE	MATRIX SPIKE RPD
Benzene	P	P	P	P	P	P	P
Bromobenzene	P	P	P	P	P	P	P
Bromodichloromethane	P	P	P	P	P	P	P
n-Butylbenzene	P	P	P	P	P	P	P
sec-Butylbenzene	P	P	P	P	P	P	P
tert-Butylbenzene	P	P	P	P	P	P	P
Carbon Tetrachloride	P	P	P	P	P	P	P
Chlorobenzene	P	P	P	P	P	P	P
Chloroethane	P	P	P	P	P	P	P
Chloroform	P	P	P	P	F	F	P
Chloromethane	P	P	P	P	P	P	P
2-Chlorotoluene	P	P	P	P	F	F	P
4-Chlorotoluene	P	P	P	P	P	P	P
1,2-Dibromo-3-Chloropropane	P	P	P	P	P	P	P
Dibromochloromethane	P	P	P	P	P	P	P
1,2-Dichlorobenzene	P	P	P	P	P	P	P
1,3-Dichlorobenzene	P	P	P	P	P	P	P
1,4-Dichlorobenzene	P	P	P	P	P	P	P
Dichlorodifluoromethane	P	P	P	P	P	P	P
1,1-Dichloroethane	P	P	P	P	F	F	F
1,2-Dichloroethane	P	P	P	P	P	P	P
1,1-Dichloroethene	P	P	P	P	P	P	P
cis-1,2-Dichloroethene	P	P	P	P	F	P	P
trans-1,2-Dichloroethene	P	P	P	P	P	P	P
1,2-Dichloropropane	P	P	P	P	P	P	P
1,3-Dichloropropane	P	P	P	P	P	P	P
2,2-Dichloropropane	P	P	P	P	P	P	P
Di-isopropyl Ether	P	P	P	P	F	P	P
Ethylbenzene	P	P	P	P	P	P	P
EDB (1,2-Dibromoethane)	P	P	P	P	P	P	P
Hexachlorobutadiene	P	P	P	P	P	P	P
Isopropylbenzene	P	P	P	P	P	P	P
p-Isopropyltoluene	P	P	P	P	P	P	P
Methylene Chloride	P	P	P	P	P	P	P
MTBE	P	P	P	P	P	P	P
Naphthalene	P	P	P	P	P	P	P
n-Propylbenzene	P	P	P	P	P	P	P
1,1,2,2-Tetrachloroethane	P	P	P	P	P	P	P
Tetrachloroethene	P	P	P	P	P	P	P
Toluene	P	P	P	P	P	P	P
1,2,3-Trichlorobenzene	P	P	P	P	P	P	P
1,2,4-Trichlorobenzene	P	P	P	P	P	P	P
1,1,1-Trichloroethane	P	P	P	P	P	P	P
1,1,2-Trichloroethane	P	P	P	P	P	P	P
Trichloroethene	P	P	P	P	P	P	P
Trichlorofluoromethane	P	P	P	P	P	P	P
1,2,4-Trimethylbenzene	P	P	P	P	F	F	P
1,3,5-Trimethylbenzene	P	P	P	P	P	P	P
Vinyl Chloride	P	P	P	P	P	P	P
m,p-Xylene	P	P	P	P	F	F	P
o-Xylene	P	P	P	P	P	P	P

SPCC 1,1-Dichloroethane	P
SPCC 1,1,2,2-Tetrachloroethane	P
SPCC Bromoform	P
SPCC Chlorobenzene	P
SPCC Chloromethane	P

QC Batch = 120204
F = Failed QC limits.
P = Passed QC limits.
NA = Not Applicable

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 18-Jun-98

Project #: 97-03553
Project : Silver Terrace Center
Sample ID: MW7-18'-20'
Lab Code: 5021690G
Sample Type: Soil
Sample Date: 03-Jun-98

Test	Result	LOD	LOQ	Unit	Dilution Factor	Date Analyzed:	Analyzed By:	QC Code
TOTAL SOLIDS	83.2			%		05-Jun-98	JHL	1
MODIFIED DRO WDNR SEP 95	< 10	0.29	0.97	MG/KG	1	05-Jun-98	BNR	1

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

QC SUMMARY

CODE:

1 All laboratory QC requirements were met for this sample.

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

VOC
Method 8260 Volatile Organic Compounds
(Methanol Preserved)

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 18-Jun-98
Analyzed By: CJR

Project #: 97-03553
Project : Silver Terrace Center
Sample ID: MW7-18'-20'
Lab Code: 5021690G
Sample Type: Soil
Sample Date: 03-Jun-98
Date Analyzed: 17-Jun-98

ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
Benzene	< 25	6.2	21	1
Bromobenzene	< 25	4.3	14	1
Bromodichloromethane	< 25	6.5	22	1
n-Butylbenzene	< 25	3.1	10	1
sec-Butylbenzene	< 25	4.1	14	1
tert-Butylbenzene	< 25	6.5	22	1
Carbon Tetrachloride	< 25	4	13	1
Chlorobenzene	< 25	5.3	18	1
Chloroethane	< 25	11	37	1
Chloroform	< 25	3.1	10	1
Chloromethane	< 25	6.9	23	1
2-Chlorotoluene	< 25	4.6	15	1
4-Chlorotoluene	< 25	4.4	15	1
1,2-Dibromo-3-Chloropropane	< 25	11	37	1
Dibromochloromethane	< 25	5.4	18	1
1,2-Dichlorobenzene	< 25	3.6	12	1
1,3-Dichlorobenzene	< 25	4.4	15	1
1,4-Dichlorobenzene	< 25	4.4	15	1
Dichlorodifluoromethane	< 25	11	37	1
1,1-Dichloroethane	< 25	4.7	16	1
1,2-Dichloroethane	< 25	8.3	28	1
1,1-Dichloroethene	< 25	4.5	15	1
cis-1,2-Dichloroethene	< 25	5	17	1
trans-1,2-Dichloroethene	< 25	4.5	15	1
1,2-Dichloropropane	< 25	4.2	14	1
1,3-Dichloropropane	< 25	4.3	15	1

ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
2,2-Dichloropropane	< 25	4	13	1
Di-Isopropyl ether	< 25	3	10	1
Ethylbenzene	< 25	4.4	15	1
EDB (1,2-Dibromoethane)	< 25	3.5	12	1
Hexachlorobutadiene	< 25	7.5	25	1
Isopropylbenzene	< 25	5.2	17	1
p-Isopropyltoluene	< 25	3.1	10	1
Methylene chloride	< 25	10	35	1
MTBE	< 25	5.6	19	1
Naphthalene	< 25	4.2	14	1
n-Propylbenzene	< 25	4.5	15	1
1,1,2,2-Tetrachloroethane	< 25	3.4	11	1
Tetrachloroethene	< 25	6.1	21	1
Toluene	< 25	5.3	18	1
1,2,3-Trichlorobenzene	< 25	4	14	1
1,2,4-Trichlorobenzene	< 25	4.4	15	1
1,1,1-Trichloroethane	< 25	6.7	22	1
1,1,2-Trichloroethane	< 25	3.7	12	1
Trichloroethene	< 25	4.5	15	1
Trichlorofluoromethane	< 25	14	45	1
1,2,4-Trimethylbenzene	< 25	4.5	15	1
1,3,5-Trimethylbenzene	< 25	4.1	14	1
Vinyl Chloride	< 25	5.6	19	1
m&p-Xylene	< 50	8.2	27	1
o-Xylene	< 25	2.5	8.4	1

Dibromofluoromethane Sur	98 % Rec.
1,2-Dichloroethane-d4 Sur	100 % Rec.
Toluene-d8 Sur	100 % Rec.
4-Bromofluorobenzene Sur	101 % Rec.

LOD = Limit of Detection
LOQ = Limit of Quantitation
QC Batch # 120204
Total % Solids 83

GCMS #12

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

QC Summary

Method 8260 Volatile Organic Compounds

Project #: 97-03553
Sample ID: MW7-18'-20'

Report Date: 18-Jun-98
Lab Code: 5021690G

ANALYTE	INITIAL CALIBRATION	KNOWN STANDARD	INT STD AREA %	METHOD BLANK	LCS SPIKE	MATRIX SPIKE	MATRIX SPIKE RPD
Benzene	P	P	P	P	P	P	P
Bromobenzene	P	P	P	P	P	P	P
Bromodichloromethane	P	P	P	P	P	P	P
n-Butylbenzene	P	P	P	P	P	P	P
sec-Butylbenzene	P	P	P	P	P	P	P
tert-Butylbenzene	P	P	P	P	P	P	P
Carbon Tetrachloride	P	P	P	P	P	P	P
Chlorobenzene	P	P	P	P	P	P	P
Chloroethane	P	P	P	P	P	P	P
Chloroform	P	P	P	P	F	F	P
Chloromethane	P	P	P	P	P	P	P
2-Chlorotoluene	P	P	P	P	F	F	P
4-Chlorotoluene	P	P	P	P	P	P	P
1,2-Dibromo-3-Chloropropane	P	P	P	P	P	P	P
Dibromochloromethane	P	P	P	P	P	P	P
1,2-Dichlorobenzene	P	P	P	P	P	P	P
1,3-Dichlorobenzene	P	P	P	P	P	P	P
1,4-Dichlorobenzene	P	P	P	P	P	P	P
Dichlorodifluoromethane	P	P	P	P	P	P	P
1,1-Dichloroethane	P	P	P	P	F	F	F
1,2-Dichloroethane	P	P	P	P	P	P	P
1,1-Dichloroethene	P	P	P	P	P	P	P
cis-1,2-Dichloroethene	P	P	P	P	F	P	P
trans-1,2-Dichloroethene	P	P	P	P	P	P	P
1,2-Dichloropropane	P	P	P	P	P	P	P
1,3-Dichloropropane	P	P	P	P	P	P	P
2,2-Dichloropropane	P	P	P	P	P	P	P
Di-Isopropyl Ether	P	P	P	P	F	P	P
Ethylbenzene	P	P	P	P	P	P	P
EDB (1,2-Dibromoethane)	P	P	P	P	P	P	P
Hexachlorobutadiene	P	P	P	P	P	P	P
Isopropylbenzene	P	P	P	P	P	P	P
p-Isopropyltoluene	P	P	P	P	P	P	P
Methylene Chloride	P	P	P	P	P	P	P
MTBE	P	P	P	P	P	P	P
Naphthalene	P	P	P	P	P	P	P
n-Propylbenzene	P	P	P	P	P	P	P
1,1,2,2-Tetrachloroethane	P	P	P	P	P	P	P
Tetrachloroethene	P	P	P	P	P	P	P
Toluene	P	P	P	P	P	P	P
1,2,3-Trichlorobenzene	P	P	P	P	P	P	P
1,2,4-Trichlorobenzene	P	P	P	P	P	P	P
1,1,1-Trichloroethane	P	P	P	P	P	P	P
1,1,2-Trichloroethane	P	P	P	P	P	P	P
Trichloroethene	P	P	P	P	P	P	P
Trichlorofluoromethane	P	P	P	P	P	P	P
1,2,4-Trimethylbenzene	P	P	P	P	F	F	P
1,3,5-Trimethylbenzene	P	P	P	P	P	P	P
Vinyl Chloride	P	P	P	P	P	P	P
m&p-Xylene	P	P	P	P	F	F	P
o-Xylene	P	P	P	P	P	P	P

SPCC 1,1-Dichloroethane	P
SPCC 1,1,2,2-Tetrachloroethane	P
SPCC Bromoform	P
SPCC Chlorobenzene	P
SPCC Chloromethane	P

QC Batch # 120204
F = Failed QC limits.
P = Passed QC limits.
NA = Not Applicable

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

VOC
Method 8260 Volatile Organic Compounds
(Methanol Preserved)

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 18-Jun-98
Analyzed By: CJR

Project #: 97-03553
Project : Silver Terrace Center
Sample ID: TRIP
Lab Code: 5021690H
Sample Type: MeOH
Sample Date: 03-Jun-98
Date Analyzed: 16-Jun-98

ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
Benzene	< 25	6.2	21	1
Bromobenzene	< 25	4.3	14	1
Bromodichloromethane	< 25	6.5	22	1
n-Butylbenzene	< 25	3.1	10	1
sec-Butylbenzene	< 25	4.1	14	1
tert-Butylbenzene	< 25	6.5	22	1
Carbon Tetrachloride	< 25	4	13	1
Chlorobenzene	< 25	5.3	18	1
Chloroethane	< 25	11	37	1
Chloroform	< 25	3.1	10	1
Chloromethane	< 25	6.9	23	1
2-Chlorotoluene	< 25	4.6	15	1
4-Chlorotoluene	< 25	4.4	15	1
1,2-Dibromo-3-Chloropropane	< 25	11	37	1
Dibromochloromethane	< 25	5.4	18	1
1,2-Dichlorobenzene	< 25	3.6	12	1
1,3-Dichlorobenzene	< 25	4.4	15	1
1,4-Dichlorobenzene	< 25	4.4	15	1
Dichlorodifluoromethane	< 25	11	37	1
1,1-Dichloroethane	< 25	4.7	16	1
1,2-Dichloroethane	< 25	8.3	28	1
1,1-Dichloroethene	< 25	4.5	15	1
cis-1,2-Dichloroethene	< 25	5	17	1
trans-1,2-Dichloroethene	< 25	4.5	15	1
1,2-Dichloropropane	< 25	4.2	14	1
1,3-Dichloropropane	< 25	4.3	15	1

ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
2,2-Dichloropropane	< 25	4	13	1
Di-Isopropyl ether	< 25	3	10	1
Ethylbenzene	< 25	4.4	15	1
EDB (1,2-Dibromoethane)	< 25	3.5	12	1
Hexachlorobutadiene	< 25	7.5	25	1
Isopropylbenzene	< 25	5.2	17	1
p-Isopropyltoluene	< 25	3.1	10	1
Methylene chloride	< 25	10	35	1
MTBE	< 25	5.6	19	1
Naphthalene	< 25	4.2	14	1
n-Propylbenzene	< 25	4.5	15	1
1,1,2,2-Tetrachloroethane	< 25	3.4	11	1
Tetrachloroethene	< 25	6.1	21	1
Toluene	< 25	5.3	18	1
1,2,3-Trichlorobenzene	< 25	4	14	1
1,2,4-Trichlorobenzene	< 25	4.4	15	1
1,1,1-Trichloroethane	< 25	6.7	22	1
1,1,2-Trichloroethane	< 25	3.7	12	1
Trichloroethene	< 25	4.5	15	1
Trichlorofluoromethane	< 25	14	45	1
1,2,4-Trimethylbenzene	< 25	4.5	15	1
1,3,5-Trimethylbenzene	< 25	4.1	14	1
Vinyl Chloride	< 25	5.6	19	1
m&p-Xylene	< 50	8.2	27	1
o-Xylene	< 25	2.5	8.4	1

Dibromofluoromethane Sur	109 % Rec.
1,2-Dichloroethane-d4 Sur	101 % Rec.
Toluene-d8 Sur	100 % Rec.
4-Bromofluorobenzene Sur	100 % Rec.

LOD = Limit of Detection
LOQ = Limit of Quantitation
GCMS #12
QC Batch # 120204
Total % Solids 100

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

QC Summary

Method 8260 Volatile Organic Compounds

Project #: 97-03553
Sample ID: TRIP

Report Date: 18-Jun-98
Lab Code: 5021690H

ANALYTE	INITIAL CALIBRATION	KNOWN STANDARD	INT STD AREA %	METHOD BLANK	LCS SPIKE	MATRIX SPIKE	MATRIX SPIKE RPD
Benzene	P	P	P	P	P	P	P
Bromobenzene	P	P	P	P	P	P	P
Bromodichloromethane	P	P	P	P	P	P	P
n-Butylbenzene	P	P	P	P	P	P	P
sec-Butylbenzene	P	P	P	P	P	P	P
tert-Butylbenzene	P	P	P	P	P	P	P
Carbon Tetrachloride	P	P	P	P	P	P	P
Chlorobenzene	P	P	P	P	P	P	P
Chloroethane	P	F	P	P	F	F	P
Chloroform	P	P	P	P	P	P	P
Chloromethane	P	P	P	P	F	F	P
2-Chlorotoluene	P	P	P	P	P	P	P
4-Chlorotoluene	P	P	P	P	P	P	P
1,2-Dibromo-3-Chloropropane	P	P	P	P	P	P	P
Dibromochloromethane	P	P	P	P	P	P	P
1,2-Dichlorobenzene	P	P	P	P	P	P	P
1,3-Dichlorobenzene	P	P	P	P	P	P	P
1,4-Dichlorobenzene	P	P	P	P	P	P	P
Dichlorodifluoromethane	P	P	P	P	F	F	F
1,1-Dichloroethane	P	P	P	P	P	P	P
1,2-Dichloroethane	P	P	P	P	P	P	P
1,1-Dichloroethene	P	P	P	P	F	F	P
cis-1,2-Dichloroethene	P	P	P	P	P	P	P
trans-1,2-Dichloroethene	P	P	P	P	P	P	P
1,2-Dichloropropane	P	P	P	P	P	P	P
1,3-Dichloropropane	P	P	P	P	P	P	P
2,2-Dichloropropane	P	P	P	P	P	P	P
Di-Isopropyl Ether	P	P	P	P	P	P	P
Ethylbenzene	P	P	P	P	P	P	P
EDB (1,2-Dibromoethane)	P	P	P	P	P	P	P
Hexachlorobutadiene	P	P	P	P	P	P	P
Isopropylbenzene	P	P	P	P	P	P	P
p-Isopropyltoluene	P	P	P	P	P	P	P
Methylene Chloride	P	P	P	P	P	P	P
MTBE	P	P	P	P	P	P	P
Naphthalene	P	P	P	P	P	P	P
n-Propylbenzene	P	P	P	P	P	P	P
1,1,2,2-Tetrachloroethane	P	P	P	P	P	P	P
Tetrachloroethene	P	P	P	P	P	P	P
Toluene	P	P	P	P	P	P	P
1,2,3-Trichlorobenzene	P	P	P	P	P	P	P
1,2,4-Trichlorobenzene	P	P	P	P	P	P	P
1,1,1-Trichloroethane	P	P	P	P	P	P	P
1,1,2-Trichloroethane	P	P	P	P	P	P	P
Trichloroethene	P	P	P	P	P	P	P
Trichlorofluoromethane	P	P	P	P	P	P	P
1,2,4-Trimethylbenzene	P	P	P	P	P	P	P
1,3,5-Trimethylbenzene	P	P	P	P	P	P	P
Vinyl Chloride	P	P	P	P	P	P	P
m&p-Xylene	P	P	P	P	F	F	P
o-Xylene	P	P	P	P	P	P	P

SPCC 1,1-Dichloroethane	P
SPCC 1,1,2,2-Tetrachloroethane	P
SPCC Bromoform	P
SPCC Chlorobenzene	P
SPCC Chloromethane	P

QC Batch = 120204
F = Failed QC limits.
P = Passed QC limits.
NA = Not Applicable

Authorized Signature

CHAIN OF CUSTODY RECORD

Analytical Lab
1090 Kennedy Ave. • Kimberly, WI 54136
(414) 735-8295 • FAX 414-739-1738 • 800-490-4902
USALAB@AOL.COM

Rev. Date: 6-15-97

Chain # Nº 8324

Page 1 of 1

Lab I.D. # 5021690

Account No. : Quote No.:

Project #: 97-03553

Sampler: (signature) Joe Michaelchuck

Sample Integrity - To completed by receiving lab.
Method of Shipment : Courier Temp. of Temp. Blank. ____ °C On Ice: K
Cooler seal cracked upon receipt: X Yes ____ No

Project (Name / Location): Silver Terrace Center, 5821-5835 W. Silver Spring Dr., Milwaukee, WI.

Reports To: Joe Michaelchuck
Company Environmental Associates
Address P.O. Box 136
City State Zip Thiensville, WI. 53092
Phone (414) 242-1088

Invoice To: Mr. Fred Wein, Silver Terrace Center
Company c/o Environmental Associates, Inc.
Address SAME
City State Zip
Phone

Sample Handling Request
___ Rush Analysis Date Required ____
X Normal Turn Around

Analysis Requested (WS)

Lab I.D.	Sample I.D.	Collection Date	Collection Time	No. of Containers Size and Type	Description*	Preservation	DRO (Mod/TPH)	GRO (Mod/TPH)	PVOC (EPA 8020)	BTEX (EPA 8020)	VOC (EPA 8021)	VOC (EPA 8260)	O&G (EPA 413.1)	PAH (EPA 8310)	Pb	Flash Point	Other Analysis: Dry Weight	Other Analysis: Temperature	Other Analysis: PID/FID
5021690 A	MW-5-10'-12'	6-3-98	9:00	(2) 2 oz Jars, (1) 5 oz cup	S	MEOH / NONE	X					X					X		0
B	MW5-18'-20'		9:30	(2) 2 oz Jars, (1) 5 oz cup	S	MEOH / NONE	X					X					X		0
C	MW6-12'-14'		11:25	(1) 2 oz Jar, (1) 5 oz cup	S	MEOH						X					X		0
D	MW6-18'-20'		11:40	(1) 2 oz Jar, (1) 5 oz cup	S	MEOH						X					X		0
E	MW7-6'-8'		1:25	↓	↓	↓	X					X					X		2.5
F	MW7-12'-14'		1:45	↓	↓	↓	X					X					X		0
G	MW7-18'-20'		2:00	↓	↓	↓	X					X					X		0
	TEMP		8:00	(1) 2 oz Jar	DW	—											X		—
H	TRIP		8:00	(1) 2 oz Jar	MEOH	—						X							—

Department Use Only

Split Samples: Offered ? ____ Yes ____ No
Accepted? ____ Yes ____ No
Accepted By: ____

Department Use Optional for Soil Samples

Disposition of unused portion of sample
Lab Should:
Dispose ____ Retain for ____ days
Other

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

Run DRO on samples MW7 6'-8', MW7 12-14' and MW7 18'-20' per JM.
6/5/98 WS

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
Marcus Stoglehner	6 pm	6-4-98		10:00	6-4-98
	4:04	6-4-98			

Received in Laboratory By: Date: 6-7-98 Time: 4:07

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

VOC
Method 8021 Volatile Organic Compounds
(Methanol Preserved)

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 20-Nov-98
Analyzed By: BDB

Project #: None
Project : Silver Terrace Center
Sample ID: MW8-3'-5'
Lab Code: 5023422A
Sample Type: Soil
Sample Date: 03-Nov-98
Date Analyzed: 05-Nov-98

ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
Benzene	< 25	5.9	20	1
Bromobenzene	< 25	3.1	10	1
Bromodichloromethane	< 25	2.7	8.9	1
n-Butylbenzene	< 25	2.5	8.4	1
sec-Butylbenzene	< 25	4.8	16	1
tert-Butylbenzene	< 25	2.3	7.7	1
Carbon Tetrachloride	< 25	2.2	7.2	1
Chlorobenzene	< 25	2.5	8.2	1
Chloroethane	< 25	5	17	1
Chloroform	< 25	2.8	9.2	1
Chloromethane	< 25	7.3	24	1
2-Chlorotoluene	< 25	2.4	7.9	1
4-Chlorotoluene	< 25	2.3	7.8	1
1,2-Dibromo-3-Chloropropane	< 25	2.1	7.1	1
Dibromochloromethane	< 25	2	6.7	1
1,2-Dichlorobenzene	< 25	2.2	7.2	1
1,3-Dichlorobenzene	< 25	2.2	7.4	1
1,4-Dichlorobenzene	< 25	2.2	7.2	1
Dichlorodifluoromethane	< 25	4.3	14	1
1,1-Dichloroethane	< 25	2.3	7.6	1
1,2-Dichloroethane	< 25	2.7	9.1	1
1,1-Dichloroethene	< 25	2.2	7.5	1
cis-1,2-Dichloroethene	< 25	2.8	9.3	1
trans-1,2-Dichloroethene	< 25	3.5	12	1
1,2-Dichloropropane	< 25	2.4	8	1
1,3-Dichloropropane	< 25	2.2	7.3	1

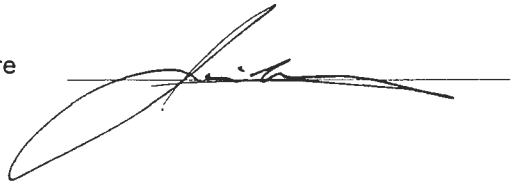
ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
2,2-DCP,cis-1,2-DCE	< 25	4.1	14	1
Di-isopropyl Ether	< 25	3.9	13	1
Ethylbenzene	< 25	6.2	11	1
EDB (1,2-Dibromoethane)	< 25	4.2	14	1
Hexachlorobutadiene	< 25	4.8	16	1
Isopropylbenzene	< 25	5	17	1
p-Isopropyltoluene	< 25	3.4	11	1
Methylene Chloride	< 25	3.3	11	1
MTBE	< 25	7	23	1
Naphthalene	< 25	7	23	1
n-Propylbenzene	< 25	2.8	9.2	1
1,1,2,2-Tetrachloroethane	< 25	7.1	24	1
Tetrachloroethene	< 25	3.6	12	1
Toluene	< 25	5.1	17	1
1,2,3-Trichlorobenzene	< 25	5.4	18	1
1,2,4-Trichlorobenzene	< 25	5.1	17	1
1,1,1-Trichloroethane	< 25	2.3	7.6	1
1,1,2-Trichloroethane	< 25	2	6.7	1
Trichloroethene	< 25	4.6	15	1
Trichlorofluoromethane	< 25	19	65	1
124-Trimethylbenzene	< 25	2.4	8	1
1,3,5-Trimethylbenzene	< 25	3.8	13	1
Vinyl Chloride	< 25	4.7	16	1
m&p-Xylene	< 50	5.6	19	1
o-Xylene	< 25	2.7	9	1

Fluorobenzene Surrogate	101 % Rec.
1,4-Dichlorobutane Surrogate	102 % Rec.
Total % Solids	84.2

LOD = Limit of Detection
LOQ = Limit of Quantitation
NA = Not Applicable
QC Batch # 060493

GC #6

Authorized Signature



U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

QC Summary

Method 8021 Volatile Organic Compounds

Project #: None
Sample ID: MW8-3'-5'
Report Date: 20-Nov-98
Lab Code: 5023422A

ANALYTE	INITIAL CALIBRATION	KNOWN STANDARD	MATRIX SPIKE	REPLICATE SPIKE	BLANK	PID SURROGATE	HALL SURROGATE
Benzene	P	P	P	P	P	P	P
Bromobenzene	P	P	P	P	P	P	P
Bromodichloromethane	P	P	P	P	P	P	P
n-Butylbenzene	P	P	P	P	P	P	P
sec-Butylbenzene	P	P	P	P	P	P	P
tert-Butylbenzene	P	P	P	P	P	P	P
Carbon Tetrachloride	P	P	P	P	P	P	P
Chlorobenzene	P	P	P	P	P	P	P
Chloroethane	P	F	P	P	P	P	P
Chloroform	P	P	P	P	P	P	P
Chloromethane	P	F	P	F	P	P	P
2-Chlorotoluene	P	P	P	P	P	P	P
4-Chlorotoluene	P	P	P	P	P	P	P
1,2-Dibromo-3-Chloropropane	P	P	P	P	P	P	P
Dibromochloromethane	P	P	P	P	P	P	P
1,2-Dichlorobenzene	P	P	P	P	P	P	P
1,3-Dichlorobenzene	P	P	P	P	P	P	P
1,4-Dichlorobenzene	P	P	P	P	P	P	P
Dichlorodifluoromethane	P	F	F	P	P	P	P
1,1-Dichloroethane	P	P	P	P	P	P	P
1,2-Dichloroethane	P	P	P	P	P	P	P
1,1-Dichloroethene	P	P	P	P	P	P	P
cis-1,2-Dichloroethene	P	P	P	P	P	P	P
trans-1,2-Dichloroethene	P	P	P	P	P	P	P
1,2-Dichloropropane	P	P	P	P	P	P	P
1,3-Dichloropropane	P	P	P	P	P	P	P
2,2-DCP,cis-1,2-DCE	P	P	P	P	P	P	P
Di-isopropyl Ether	P	P	P	P	P	P	P
Ethylbenzene	P	P	P	P	P	P	P
EDB (1,2-Dibromoethane)	P	P	P	P	P	P	P
Hexachlorobutadiene	P	P	P	P	P	P	P
Isopropylbenzene	P	P	P	P	P	P	P
p-Isopropyltoluene	P	P	P	P	P	P	P
Methylene Chloride	P	F	P	P	P	P	P
MTBE	P	P	P	P	P	P	P
Naphthalene	P	P	P	P	P	P	P
n-Propylbenzene	P	P	P	P	P	P	P
1,1,2,2-Tetrachloroethane	P	P	P	P	P	P	P
Tetrachloroethene	P	P	P	P	P	P	P
Toluene	P	P	P	P	P	P	P
1,2,3-Trichlorobenzene	P	P	P	P	P	P	P
1,2,4-Trichlorobenzene	P	P	P	P	P	P	P
1,1,1-Trichloroethane	P	P	P	P	P	P	P
1,1,2-Trichloroethane	P	P	P	P	P	P	P
Trichloroethene	P	P	P	P	P	P	P
Trichlorofluoromethane	P	P	P	P	P	P	P
124-Trimethylbenzene	P	P	P	P	P	P	P
1,3,5-Trimethylbenzene	P	P	P	P	P	P	P
Vinyl Chloride	P	P	P	F	P	P	P
m&p-Xylene	P	P	P	P	P	P	P
o-Xylene	P	P	P	P	P	P	P

P = Passed QC limits. F = Failed QC limits. NA = Not Applicable

QC Batch # 060493

"J" Flag: Analyte detected between LOD and LOQ.

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

VOC
Method 8021 Volatile Organic Compounds
(Methanol Preserved)

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 20-Nov-98
Analyzed By: BDB

Project #: None
Project : Silver Terrace Center
Sample ID: MW8-9'-11'
Lab Code: 5023422B
Sample Type: Soil
Sample Date: 03-Nov-98
Date Analyzed: 05-Nov-98

ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
Benzene	< 25	5.9	20	1
Bromobenzene	< 25	3.1	10	1
Bromodichloromethane	< 25	2.7	8.9	1
n-Butylbenzene	< 25	2.5	8.4	1
sec-Butylbenzene	< 25	4.8	16	1
tert-Butylbenzene	< 25	2.3	7.7	1
Carbon Tetrachloride	< 25	2.2	7.2	1
Chlorobenzene	< 25	2.5	8.2	1
Chloroethane	< 25	5	17	1
Chloroform	< 25	2.8	9.2	1
Chloromethane	< 25	7.3	24	1
2-Chlorotoluene	< 25	2.4	7.9	1
4-Chlorotoluene	< 25	2.3	7.8	1
1,2-Dibromo-3-Chloropropane	< 25	2.1	7.1	1
Dibromochloromethane	< 25	2	6.7	1
1,2-Dichlorobenzene	< 25	2.2	7.2	1
1,3-Dichlorobenzene	< 25	2.2	7.4	1
1,4-Dichlorobenzene	< 25	2.2	7.2	1
Dichlorodifluoromethane	< 25	4.3	14	1
1,1-Dichloroethane	< 25	2.3	7.6	1
1,2-Dichloroethane	< 25	2.7	9.1	1
1,1-Dichloroethene	< 25	2.2	7.5	1
cis-1,2-Dichloroethene	230	2.8	9.3	1
trans-1,2-Dichloroethene	< 25	3.5	12	1
1,2-Dichloropropane	< 25	2.4	8	1
1,3-Dichloropropane	< 25	2.2	7.3	1

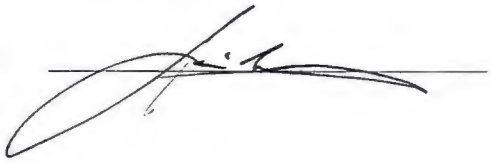
ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
2,2-DCP,cis-1,2-DCE	< 25	4.1	14	1
Di-isopropyl Ether	< 25	3.9	13	1
Ethylbenzene	< 25	6.2	11	1
EDB (1,2-Dibromoethane)	< 25	4.2	14	1
Hexachlorobutadiene	< 25	4.8	16	1
Isopropylbenzene	< 25	5	17	1
p-Isopropyltoluene	< 25	3.4	11	1
Methylene Chloride	< 25	3.3	11	1
MTBE	< 25	7	23	1
Naphthalene	< 25	7	23	1
n-Propylbenzene	< 25	2.8	9.2	1
1,1,2,2-Tetrachloroethane	< 25	7.1	24	1
Tetrachloroethene	2400	3.6	12	1
Toluene	< 25	5.1	17	1
1,2,3-Trichlorobenzene	< 25	5.4	18	1
1,2,4-Trichlorobenzene	< 25	5.1	17	1
1,1,1-Trichloroethane	< 25	2.3	7.6	1
1,1,2-Trichloroethane	< 25	2	6.7	1
Trichloroethene	1000	9.2	30	2
Trichlorofluoromethane	< 25	19	65	1
124-Trimethylbenzene	< 25	2.4	8	1
1,3,5-Trimethylbenzene	< 25	3.8	13	1
Vinyl Chloride	< 25	4.7	16	1
m&p-Xylene	< 50	5.6	19	1
o-Xylene	< 25	2.7	9	1

Fluorobenzene Surrogate	101 % Rec.
1,4-Dichlorobutane Surrogate	101 % Rec.
Total % Solids	78.6

LOD = Limit of Detection
LOQ = Limit of Quantitation
NA = Not Applicable
QC Batch # 060493

GC #6

Authorized Signature



U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

QC Summary

Method 8021 Volatile Organic Compounds

Project #: None
Sample ID: MW8-9'-11'
Report Date: 20-Nov-98
Lab Code: 5023422B

ANALYTE	INITIAL CALIBRATION	KNOWN STANDARD	MATRIX SPIKE	REPLICATE SPIKE	BLANK	PID SURROGATE	HALL SURROGATE
Benzene	P	P	P	P	P	P	P
Bromobenzene	P	P	P	P	P	P	P
Bromodichloromethane	P	P	P	P	P	P	P
n-Butylbenzene	P	P	P	P	P	P	P
sec-Butylbenzene	P	P	P	P	P	P	P
tert-Butylbenzene	P	P	P	P	P	P	P
Carbon Tetrachloride	P	P	P	P	P	P	P
Chlorobenzene	P	P	P	P	P	P	P
Chloroethane	P	F	P	P	P	P	P
Chloroform	P	P	P	P	P	P	P
Chloromethane	P	F	P	F	P	P	P
2-Chlorotoluene	P	P	P	P	P	P	P
4-Chlorotoluene	P	P	P	P	P	P	P
1,2-Dibromo-3-Chloropropane	P	P	P	P	P	P	P
Dibromochloromethane	P	P	P	P	P	P	P
1,2-Dichlorobenzene	P	P	P	P	P	P	P
1,3-Dichlorobenzene	P	P	P	P	P	P	P
1,4-Dichlorobenzene	P	P	P	P	P	P	P
Dichlorodifluoromethane	P	F	F	P	P	P	P
1,1-Dichloroethane	P	P	P	P	P	P	P
1,2-Dichloroethane	P	P	P	P	P	P	P
1,1-Dichloroethene	P	P	P	P	P	P	P
cis-1,2-Dichloroethene	P	P	P	P	P	P	P
trans-1,2-Dichloroethene	P	P	P	P	P	P	P
1,2-Dichloropropane	P	P	P	P	P	P	P
1,3-Dichloropropane	P	P	P	P	P	P	P
2,2-DCP,cis-1,2-DCE	P	P	P	P	P	P	P
Di-isopropyl Ether	P	P	P	P	P	P	P
Ethylbenzene	P	P	P	P	P	P	P
EDB (1,2-Dibromoethane)	P	P	P	P	P	P	P
Hexachlorobutadiene	P	P	P	P	P	P	P
Isopropylbenzene	P	P	P	P	P	P	P
p-Isopropyltoluene	P	P	P	P	P	P	P
Methylene Chloride	P	F	P	P	P	P	P
MTBE	P	P	P	P	P	P	P
Naphthalene	P	P	P	P	P	P	P
n-Propylbenzene	P	P	P	P	P	P	P
1,1,2,2-Tetrachloroethane	P	P	P	P	P	P	P
Tetrachloroethene	P	P	P	P	P	P	P
Toluene	P	P	P	P	P	P	P
1,2,3-Trichlorobenzene	P	P	P	P	P	P	P
1,2,4-Trichlorobenzene	P	P	P	P	P	P	P
1,1,1-Trichloroethane	P	P	P	P	P	P	P
1,1,2-Trichloroethane	P	P	P	P	P	P	P
Trichloroethene	P	P	P	P	P	P	P
Trichlorofluoromethane	P	P	P	P	P	P	P
124-Trimethylbenzene	P	P	P	P	P	P	P
1,3,5-Trimethylbenzene	P	P	P	P	P	P	P
Vinyl Chloride	P	P	P	F	P	P	P
m&p-Xylene	P	P	P	P	P	P	P
o-Xylene	P	P	P	P	P	P	P

P = Passed QC limits. F = Failed QC limits. NA = Not Applicable

QC Batch # 060493

"J" Flag: Analyte detected between LOD and LOQ.

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

VOC
Method 8021 Volatile Organic Compounds
(Methanol Preserved)

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 20-Nov-98
Analyzed By: BDB

Project #: None
Project : Silver Terrace Center
Sample ID: MW8-17'-19'
Lab Code: 5023422C
Sample Type: Soil
Sample Date: 03-Nov-98
Date Analyzed: 05-Nov-98

ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
Benzene	< 25	5.9	20	1
Bromobenzene	< 25	3.1	10	1
Bromodichloromethane	< 25	2.7	8.9	1
n-Butylbenzene	< 25	2.5	8.4	1
sec-Butylbenzene	< 25	4.8	16	1
tert-Butylbenzene	< 25	2.3	7.7	1
Carbon Tetrachloride	< 25	2.2	7.2	1
Chlorobenzene	< 25	2.5	8.2	1
Chloroethane	< 25	5	17	1
Chloroform	< 25	2.8	9.2	1
Chloromethane	< 25	7.3	24	1
2-Chlorotoluene	< 25	2.4	7.9	1
4-Chlorotoluene	< 25	2.3	7.8	1
1,2-Dibromo-3-Chloropropane	< 25	2.1	7.1	1
Dibromochloromethane	< 25	2	6.7	1
1,2-Dichlorobenzene	< 25	2.2	7.2	1
1,3-Dichlorobenzene	< 25	2.2	7.4	1
1,4-Dichlorobenzene	< 25	2.2	7.2	1
Dichlorodifluoromethane	< 25	4.3	14	1
1,1-Dichloroethane	< 25	2.3	7.6	1
1,2-Dichloroethane	< 25	2.7	9.1	1
1,1-Dichloroethene	< 25	2.2	7.5	1
cis-1,2-Dichloroethene	< 25	2.8	9.3	1
trans-1,2-Dichloroethene	< 25	3.5	12	1
1,2-Dichloropropane	< 25	2.4	8	1
1,3-Dichloropropane	< 25	2.2	7.3	1

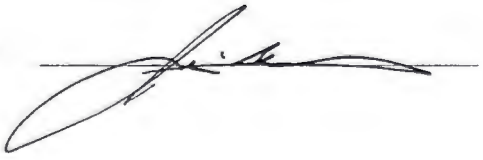
ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
2,2-DCP,cis-1,2-DCE	< 25	4.1	14	1
Di-isopropyl Ether	< 25	3.9	13	1
Ethylbenzene	< 25	6.2	11	1
EDB (1,2-Dibromoethane)	< 25	4.2	14	1
Hexachlorobutadiene	< 25	4.8	16	1
Isopropylbenzene	< 25	5	17	1
p-Isopropyltoluene	< 25	3.4	11	1
Methylene Chloride	< 25	3.3	11	1
MTBE	< 25	7	23	1
Naphthalene	< 25	7	23	1
n-Propylbenzene	< 25	2.8	9.2	1
1,1,2,2-Tetrachloroethane	< 25	7.1	24	1
Tetrachloroethene	< 25	3.6	12	1
Toluene	< 25	5.1	17	1
1,2,3-Trichlorobenzene	< 25	5.4	18	1
1,2,4-Trichlorobenzene	< 25	5.1	17	1
1,1,1-Trichloroethane	< 25	2.3	7.6	1
1,1,2-Trichloroethane	< 25	2	6.7	1
Trichloroethene	< 25	4.6	15	1
Trichlorofluoromethane	< 25	19	65	1
124-Trimethylbenzene	< 25	2.4	8	1
1,3,5-Trimethylbenzene	< 25	3.8	13	1
Vinyl Chloride	< 25	4.7	16	1
m&p-Xylene	< 50	5.6	19	1
o-Xylene	< 25	2.7	9	1

Fluorobenzene Surrogate	100 % Rec.
1,4-Dichlorobutane Surrogate	102 % Rec.
Total % Solids	80.9

LOD = Limit of Detection
LOQ = Limit of Quantitation
NA = Not Applicable
QC Batch # 060493

GC #6

Authorized Signature



U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

QC Summary

Method 8021 Volatile Organic Compounds

Project #:	None	Report Date:	20-Nov-98
Sample ID:	MW8-17'-19'	Lab Code:	5023422C

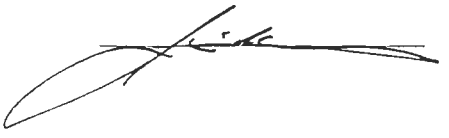
ANALYTE	INITIAL CALIBRATION	KNOWN STANDARD	MATRIX SPIKE	REPLICATE SPIKE	BLANK	PID SURROGATE	HALL SURROGATE
Benzene	P	P	P	P	P	P	P
Bromobenzene	P	P	P	P	P	P	P
Bromodichloromethane	P	P	P	P	P	P	P
n-Butylbenzene	P	P	P	P	P	P	P
sec-Butylbenzene	P	P	P	P	P	P	P
tert-Butylbenzene	P	P	P	P	P	P	P
Carbon Tetrachloride	P	P	P	P	P	P	P
Chlorobenzene	P	P	P	P	P	P	P
Chloroethane	P	F	P	P	P	P	P
Chloroform	P	P	P	P	P	P	P
Chloromethane	P	F	P	F	P	P	P
2-Chlorotoluene	P	P	P	P	P	P	P
4-Chlorotoluene	P	P	P	P	P	P	P
1,2-Dibromo-3-Chloropropane	P	P	P	P	P	P	P
Dibromochloromethane	P	P	P	P	P	P	P
1,2-Dichlorobenzene	P	P	P	P	P	P	P
1,3-Dichlorobenzene	P	P	P	P	P	P	P
1,4-Dichlorobenzene	P	P	P	P	P	P	P
Dichlorodifluoromethane	P	F	F	P	P	P	P
1,1-Dichloroethane	P	P	P	P	P	P	P
1,2-Dichloroethane	P	P	P	P	P	P	P
1,1-Dichloroethene	P	P	P	P	P	P	P
cis-1,2-Dichloroethene	P	P	P	P	P	P	P
trans-1,2-Dichloroethene	P	P	P	P	P	P	P
1,2-Dichloropropane	P	P	P	P	P	P	P
1,3-Dichloropropane	P	P	P	P	P	P	P
2,2-DCP,cis-1,2-DCE	P	P	P	P	P	P	P
Di-isopropyl Ether	P	P	P	P	P	P	P
Ethylbenzene	P	P	P	P	P	P	P
EDB (1,2-Dibromoethane)	P	P	P	P	P	P	P
Hexachlorobutadiene	P	P	P	P	P	P	P
Isopropylbenzene	P	P	P	P	P	P	P
p-Isopropyltoluene	P	P	P	P	P	P	P
Methylene Chloride	P	F	P	P	P	P	P
MTBE	P	P	P	P	P	P	P
Naphthalene	P	P	P	P	P	P	P
n-Propylbenzene	P	P	P	P	P	P	P
1,1,2,2-Tetrachloroethane	P	P	P	P	P	P	P
Tetrachloroethene	P	P	P	P	P	P	P
Toluene	P	P	P	P	P	P	P
1,2,3-Trichlorobenzene	P	P	P	P	P	P	P
1,2,4-Trichlorobenzene	P	P	P	P	P	P	P
1,1,1-Trichloroethane	P	P	P	P	P	P	P
1,1,2-Trichloroethane	P	P	P	P	P	P	P
Trichloroethene	P	P	P	P	P	P	P
Trichlorofluoromethane	P	P	P	P	P	P	P
124-Trimethylbenzene	P	P	P	P	P	P	P
1,3,5-Trimethylbenzene	P	P	P	P	P	P	P
Vinyl Chloride	P	P	P	F	P	P	P
m&p-Xylene	P	P	P	P	P	P	P
o-Xylene	P	P	P	P	P	P	P

P = Passed QC limits. F = Failed QC limits. NA = Not Applicable

QC Batch # 060493

"J" Flag: Analyte detected between LOD and LOQ.

Authorized Signature



U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

VOC
Method 8021 Volatile Organic Compounds
(Methanol Preserved)

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 20-Nov-98
Analyzed By: BDB

Project #: None
Project : Silver Terrace Center
Sample ID: MW9-5'-7'
Lab Code: 5023422D
Sample Type: Soil
Sample Date: 03-Nov-98
Date Analyzed: 05-Nov-98

ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
Benzene	< 25	5.9	20	1
Bromobenzene	< 25	3.1	10	1
Bromodichloromethane	< 25	2.7	8.9	1
n-Butylbenzene	< 25	2.5	8.4	1
sec-Butylbenzene	< 25	4.8	16	1
tert-Butylbenzene	< 25	2.3	7.7	1
Carbon Tetrachloride	< 25	2.2	7.2	1
Chlorobenzene	< 25	2.5	8.2	1
Chloroethane	< 25	5	17	1
Chloroform	< 25	2.8	9.2	1
Chloromethane	< 25	7.3	24	1
2-Chlorotoluene	< 25	2.4	7.9	1
4-Chlorotoluene	< 25	2.3	7.8	1
1,2-Dibromo-3-Chloropropane	< 25	2.1	7.1	1
Dibromochloromethane	< 25	2	6.7	1
1,2-Dichlorobenzene	< 25	2.2	7.2	1
1,3-Dichlorobenzene	< 25	2.2	7.4	1
1,4-Dichlorobenzene	< 25	2.2	7.2	1
Dichlorodifluoromethane	< 25	4.3	14	1
1,1-Dichloroethane	< 25	2.3	7.6	1
1,2-Dichloroethane	< 25	2.7	9.1	1
1,1-Dichloroethene	< 25	2.2	7.5	1
cis-1,2-Dichloroethene	< 25	2.8	9.3	1
trans-1,2-Dichloroethene	< 25	3.5	12	1
1,2-Dichloropropane	< 25	2.4	8	1
1,3-Dichloropropane	< 25	2.2	7.3	1

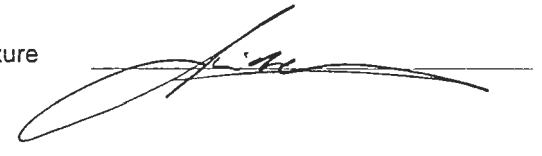
ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
2,2-DCP,cis-1,2-DCE	< 25	4.1	14	1
Di-isopropyl Ether	< 25	3.9	13	1
Ethylbenzene	< 25	6.2	11	1
EDB (1,2-Dibromoethane)	< 25	4.2	14	1
Hexachlorobutadiene	< 25	4.8	16	1
Isopropylbenzene	< 25	5	17	1
p-Isopropyltoluene	< 25	3.4	11	1
Methylene Chloride	< 25	3.3	11	1
MTBE	< 25	7	23	1
Naphthalene	< 25	7	23	1
n-Propylbenzene	< 25	2.8	9.2	1
1,1,2,2-Tetrachloroethane	< 25	7.1	24	1
Tetrachloroethene	< 25	3.6	12	1
Toluene	< 25	5.1	17	1
1,2,3-Trichlorobenzene	< 25	5.4	18	1
1,2,4-Trichlorobenzene	< 25	5.1	17	1
1,1,1-Trichloroethane	< 25	2.3	7.6	1
1,1,2-Trichloroethane	< 25	2	6.7	1
Trichloroethene	< 25	4.6	15	1
Trichlorofluoromethane	< 25	19	65	1
124-Trimethylbenzene	< 25	2.4	8	1
1,3,5-Trimethylbenzene	< 25	3.8	13	1
Vinyl Chloride	< 25	4.7	16	1
m&p-Xylene	< 50	5.6	19	1
o-Xylene	< 25	2.7	9	1

Fluorobenzene Surrogate 101 % Rec.
1,4-Dichlorobutane Surrogate 101 % Rec.
Total % Solids 86.4

LOD = Limit of Detection
LOQ = Limit of Quantitation
NA = Not Applicable
QC Batch # 060493

GC #5

Authorized Signature



U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

QC Summary

Method 8021 Volatile Organic Compounds

Project #: None
Sample ID: MW9-5'-7'
Report Date: 20-Nov-98
Lab Code: 5023422D

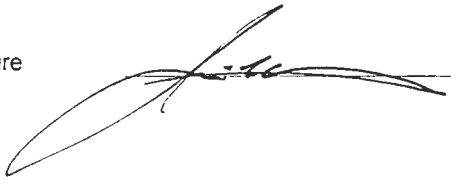
ANALYTE	INITIAL CALIBRATION	KNOWN STANDARD	MATRIX SPIKE	REPLICATE SPIKE	BLANK	PID SURROGATE	HALL SURROGATE
Benzene	P	P	P	P	P	P	P
Bromobenzene	P	P	P	P	P	P	P
Bromodichloromethane	P	P	P	P	P	P	P
n-Butylbenzene	P	P	P	P	P	P	P
sec-Butylbenzene	P	P	P	P	P	P	P
tert-Butylbenzene	P	P	P	P	P	P	P
Carbon Tetrachloride	P	P	P	P	P	P	P
Chlorobenzene	P	P	P	P	P	P	P
Chloroethane	P	F	P	P	P	P	P
Chloroform	P	P	P	P	P	P	P
Chloromethane	P	F	P	F	P	P	P
2-Chlorotoluene	P	P	P	P	P	P	P
4-Chlorotoluene	P	P	P	P	P	P	P
1,2-Dibromo-3-Chloropropane	P	P	P	P	P	P	P
Dibromochloromethane	P	P	P	P	P	P	P
1,2-Dichlorobenzene	P	P	P	P	P	P	P
1,3-Dichlorobenzene	P	P	P	P	P	P	P
1,4-Dichlorobenzene	P	P	P	P	P	P	P
Dichlorodifluoromethane	P	F	F	P	P	P	P
1,1-Dichloroethane	P	P	P	P	P	P	P
1,2-Dichloroethane	P	P	P	P	P	P	P
1,1-Dichloroethene	P	P	P	P	P	P	P
cis-1,2-Dichloroethene	P	P	P	P	P	P	P
trans-1,2-Dichloroethene	P	P	P	P	P	P	P
1,2-Dichloropropane	P	P	P	P	P	P	P
1,3-Dichloropropane	P	P	P	P	P	P	P
2,2-DCP,cis-1,2-DCE	P	P	P	P	P	P	P
Di-isopropyl Ether	P	P	P	P	P	P	P
Ethylbenzene	P	P	P	P	P	P	P
EDB (1,2-Dibromoethane)	P	P	P	P	P	P	P
Hexachlorobutadiene	P	P	P	P	P	P	P
Isopropylbenzene	P	P	P	P	P	P	P
p-Isopropyltoluene	P	P	P	P	P	P	P
Methylene Chloride	P	F	P	P	P	P	P
MTBE	P	P	P	P	P	P	P
Naphthalene	P	P	P	P	P	P	P
n-Propylbenzene	P	P	P	P	P	P	P
1,1,2,2-Tetrachloroethane	P	P	P	P	P	P	P
Tetrachloroethene	P	P	P	P	P	P	P
Toluene	P	P	P	P	P	P	P
1,2,3-Trichlorobenzene	P	P	P	P	P	P	P
1,2,4-Trichlorobenzene	P	P	P	P	P	P	P
1,1,1-Trichloroethane	P	P	P	P	P	P	P
1,1,2-Trichloroethane	P	P	P	P	P	P	P
Trichloroethene	P	P	P	P	P	P	P
Trichlorofluoromethane	P	P	P	P	P	P	P
124-Trimethylbenzene	P	P	P	P	P	P	P
1,3,5-Trimethylbenzene	P	P	P	P	P	P	P
Vinyl Chloride	P	P	P	F	P	P	P
m&p-Xylene	P	P	P	P	P	P	P
o-Xylene	P	P	P	P	P	P	P

P = Passed QC limits. F = Failed QC limits. NA = Not Applicable

QC Batch # 060493

"J" Flag: Analyte detected between LOD and LOQ.

Authorized Signature



U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 20-Nov-98

Project #: None
Project : Silver Terrace Center
Sample ID: MW9-13'-15'
Lab Code: 5023422E
Sample Type: Soil
Sample Date: 03-Nov-98

Test	Result	LOD	LOQ	Unit	Dilution Factor	Date Analyzed:	Analyzed By:	QC Code
TOTAL SOLIDS	87.6			%		05-Nov-98	MLE	1
MODIFIED DRO WDNR SEP 95	< 10	0.58	1.9	MG/KG	1	09-Nov-98	BNR	1

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

QC SUMMARY

CODE:

1 All laboratory QC requirements were met for this sample.

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

VOC
Method 8021 Volatile Organic Compounds
(Methanol Preserved)

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 20-Nov-98
Analyzed By: BDB

Project #: None
Project : Silver Terrace Center
Sample ID: MW9-13'-15'
Lab Code: 5023422E
Sample Type: Soil
Sample Date: 03-Nov-98
Date Analyzed: 05-Nov-98

ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
Benzene	< 25	5.9	20	1
Bromobenzene	< 25	3.1	10	1
Bromodichloromethane	< 25	2.7	8.9	1
n-Butylbenzene	< 25	2.5	8.4	1
sec-Butylbenzene	< 25	4.8	16	1
tert-Butylbenzene	< 25	2.3	7.7	1
Carbon Tetrachloride	< 25	2.2	7.2	1
Chlorobenzene	< 25	2.5	8.2	1
Chloroethane	< 25	5	17	1
Chloroform	< 25	2.8	9.2	1
Chloromethane	< 25	7.3	24	1
2-Chlorotoluene	< 25	2.4	7.9	1
4-Chlorotoluene	< 25	2.3	7.8	1
1,2-Dibromo-3-Chloropropane	< 25	2.1	7.1	1
Dibromochloromethane	< 25	2	6.7	1
1,2-Dichlorobenzene	< 25	2.2	7.2	1
1,3-Dichlorobenzene	< 25	2.2	7.4	1
1,4-Dichlorobenzene	< 25	2.2	7.2	1
Dichlorodifluoromethane	< 25	4.3	14	1
1,1-Dichloroethane	< 25	2.3	7.6	1
1,2-Dichloroethane	< 25	2.7	9.1	1
1,1-Dichloroethene	< 25	2.2	7.5	1
cis-1,2-Dichloroethene	< 25	2.8	9.3	1
trans-1,2-Dichloroethene	< 25	3.5	12	1
1,2-Dichloropropane	< 25	2.4	8	1
1,3-Dichloropropane	< 25	2.2	7.3	1

ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
2,2-DCP,cis-1,2-DCE	< 25	4.1	14	1
Di-isopropyl Ether	< 25	3.9	13	1
Ethylbenzene	< 25	6.2	11	1
EDB (1,2-Dibromoethane)	< 25	4.2	14	1
Hexachlorobutadiene	< 25	4.8	16	1
Isopropylbenzene	< 25	5	17	1
p-Isopropyltoluene	< 25	3.4	11	1
Methylene Chloride	< 25	3.3	11	1
MTBE	< 25	7	23	1
Naphthalene	< 25	7	23	1
n-Propylbenzene	< 25	2.8	9.2	1
1,1,2,2-Tetrachloroethane	< 25	7.1	24	1
Tetrachloroethene	< 25	3.6	12	1
Toluene	< 25	5.1	17	1
1,2,3-Trichlorobenzene	< 25	5.4	18	1
1,2,4-Trichlorobenzene	< 25	5.1	17	1
1,1,1-Trichloroethane	< 25	2.3	7.6	1
1,1,2-Trichloroethane	< 25	2	6.7	1
Trichloroethene	< 25	4.6	15	1
Trichlorofluoromethane	< 25	19	65	1
124-Trimethylbenzene	< 25	2.4	8	1
1,3,5-Trimethylbenzene	< 25	3.8	13	1
Vinyl Chloride	< 25	4.7	16	1
m&p-Xylene	< 50	5.6	19	1
o-Xylene	< 25	2.7	9	1

Fluorobenzene Surrogate	101 % Rec.
1,4-Dichlorobutane Surrogate	100 % Rec.
Total % Solids	87.6

LOD = Limit of Detection
LOQ = Limit of Quantitation
NA = Not Applicable
QC Batch # 060493

GC #6

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

QC Summary

Method 8021 Volatile Organic Compounds

Project #: None
Sample ID: MW9-13'-15'
Report Date: 20-Nov-98
Lab Code: 5023422E

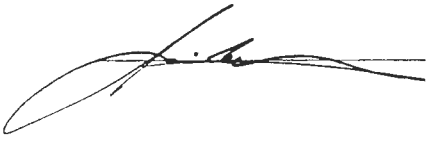
ANALYTE	INITIAL CALIBRATION	KNOWN STANDARD	MATRIX SPIKE	REPLICATE SPIKE	BLANK	PID SURROGATE	HALL SURROGATE
Benzene	P	P	P	P	P	P	P
Bromobenzene	P	P	P	P	P	P	P
Bromodichloromethane	P	P	P	P	P	P	P
n-Butylbenzene	P	P	P	P	P	P	P
sec-Butylbenzene	P	P	P	P	P	P	P
tert-Butylbenzene	P	P	P	P	P	P	P
Carbon Tetrachloride	P	P	P	P	P	P	P
Chlorobenzene	P	P	P	P	P	P	P
Chloroethane	P	F	P	P	P	P	P
Chloroform	P	P	P	P	P	P	P
Chloromethane	P	F	P	F	P	P	P
2-Chlorotoluene	P	P	P	P	P	P	P
4-Chlorotoluene	P	P	P	P	P	P	P
1,2-Dibromo-3-Chloropropane	P	P	P	P	P	P	P
Dibromochloromethane	P	P	P	P	P	P	P
1,2-Dichlorobenzene	P	P	P	P	P	P	P
1,3-Dichlorobenzene	P	P	P	P	P	P	P
1,4-Dichlorobenzene	P	P	P	P	P	P	P
Dichlorodifluoromethane	P	F	F	P	P	P	P
1,1-Dichloroethane	P	P	P	P	P	P	P
1,2-Dichloroethane	P	P	P	P	P	P	P
1,1-Dichloroethene	P	P	P	P	P	P	P
cis-1,2-Dichloroethene	P	P	P	P	P	P	P
trans-1,2-Dichloroethene	P	P	P	P	P	P	P
1,2-Dichloropropane	P	P	P	P	P	P	P
1,3-Dichloropropane	P	P	P	P	P	P	P
2,2-DCP,cis-1,2-DCE	P	P	P	P	P	P	P
Di-isopropyl Ether	P	P	P	P	P	P	P
Ethylbenzene	P	P	P	P	P	P	P
EDB (1,2-Dibromoethane)	P	P	P	P	P	P	P
Hexachlorobutadiene	P	P	P	P	P	P	P
Isopropylbenzene	P	P	P	P	P	P	P
p-Isopropyltoluene	P	P	P	P	P	P	P
Methylene Chloride	P	F	P	P	P	P	P
MTBE	P	P	P	P	P	P	P
Naphthalene	P	P	P	P	P	P	P
n-Propylbenzene	P	P	P	P	P	P	P
1,1,2,2-Tetrachloroethane	P	P	P	P	P	P	P
Tetrachloroethene	P	P	P	P	P	P	P
Toluene	P	P	P	P	P	P	P
1,2,3-Trichlorobenzene	P	P	P	P	P	P	P
1,2,4-Trichlorobenzene	P	P	P	P	P	P	P
1,1,1-Trichloroethane	P	P	P	P	P	P	P
1,1,2-Trichloroethane	P	P	P	P	P	P	P
Trichloroethene	P	P	P	P	P	P	P
Trichlorofluoromethane	P	P	P	P	P	P	P
124-Trimethylbenzene	P	P	P	P	P	P	P
1,3,5-Trimethylbenzene	P	P	P	P	P	P	P
Vinyl Chloride	P	P	P	F	P	P	P
m&p-Xylene	P	P	P	P	P	P	P
o-Xylene	P	P	P	P	P	P	P

P = Passed QC limits. F = Failed QC limits. NA = Not Applicable

QC Batch # 060493

"J" Flag: Analyte detected between LOD and LOQ.

Authorized Signature



U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 20-Nov-98

Project #: None
Project : Silver Terrace Center
Sample ID: MW9-17'19'
Lab Code: 5023422F
Sample Type: Soil
Sample Date: 03-Nov-98

Test	Result	LOD	LOQ	Unit	Dilution Factor	Date Analyzed:	Analyzed By:	QC Code
TOTAL SOLIDS	87.6			%		05-Nov-98	MLE	1
MODIFIED DRO WDNR SEP 95	< 10	0.58	1.9	MG/KG	1	09-Nov-98	BNR	1

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

QC SUMMARY

CODE:

1 All laboratory QC requirements were met for this sample.

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

VOC
Method 8021 Volatile Organic Compounds
(Methanol Preserved)

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 20-Nov-98
Analyzed By: BDB

Project #: None
Project : Silver Terrace Center
Sample ID: MW9-17'19'
Lab Code: 5023422F
Sample Type: Soil
Sample Date: 03-Nov-98
Date Analyzed: 05-Nov-98

ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
Benzene	< 25	5.9	20	1
Bromobenzene	< 25	3.1	10	1
Bromodichloromethane	< 25	2.7	8.9	1
n-Butylbenzene	< 25	2.5	8.4	1
sec-Butylbenzene	< 25	4.8	16	1
tert-Butylbenzene	< 25	2.3	7.7	1
Carbon Tetrachloride	< 25	2.2	7.2	1
Chlorobenzene	< 25	2.5	8.2	1
Chloroethane	< 25	5	17	1
Chloroform	< 25	2.8	9.2	1
Chloromethane	< 25	7.3	24	1
2-Chlorotoluene	< 25	2.4	7.9	1
4-Chlorotoluene	< 25	2.3	7.8	1
1,2-Dibromo-3-Chloropropane	< 25	2.1	7.1	1
Dibromochloromethane	< 25	2	6.7	1
1,2-Dichlorobenzene	< 25	2.2	7.2	1
1,3-Dichlorobenzene	< 25	2.2	7.4	1
1,4-Dichlorobenzene	< 25	2.2	7.2	1
Dichlorodifluoromethane	< 25	4.3	14	1
1,1-Dichloroethane	< 25	2.3	7.6	1
1,2-Dichloroethane	< 25	2.7	9.1	1
1,1-Dichloroethene	< 25	2.2	7.5	1
cis-1,2-Dichloroethene	140	2.8	9.3	1
trans-1,2-Dichloroethene	< 25	3.5	12	1
1,2-Dichloropropane	< 25	2.4	8	1
1,3-Dichloropropane	< 25	2.2	7.3	1

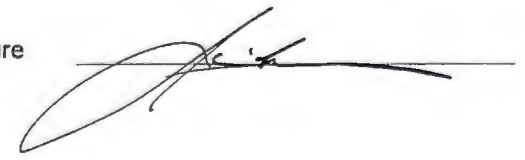
ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
2,2-DCP,cis-1,2-DCE	< 25	4.1	14	1
Di-isopropyl Ether	< 25	3.9	13	1
Ethylbenzene	< 25	6.2	11	1
EDB (1,2-Dibromoethane)	< 25	4.2	14	1
Hexachlorobutadiene	< 25	4.8	16	1
Isopropylbenzene	< 25	5	17	1
p-Isopropyltoluene	< 25	3.4	11	1
Methylene Chloride	< 25	3.3	11	1
MTBE	< 25	7	23	1
Naphthalene	< 25	7	23	1
n-Propylbenzene	< 25	2.8	9.2	1
1,1,2,2-Tetrachloroethane	< 25	7.1	24	1
Tetrachloroethene	< 25	3.6	12	1
Toluene	< 25	5.1	17	1
1,2,3-Trichlorobenzene	< 25	5.4	18	1
1,2,4-Trichlorobenzene	< 25	5.1	17	1
1,1,1-Trichloroethane	< 25	2.3	7.6	1
1,1,2-Trichloroethane	< 25	2	6.7	1
Trichloroethene	47	4.6	15	1
Trichlorofluoromethane	< 25	19	65	1
124-Trimethylbenzene	< 25	2.4	8	1
1,3,5-Trimethylbenzene	< 25	3.8	13	1
Vinyl Chloride	< 25	4.7	16	1
m&p-Xylene	< 50	5.6	19	1
o-Xylene	< 25	2.7	9	1

Fluorobenzene Surrogate	100	% Rec.
1,4-Dichlorobutane Surrogate	101	% Rec.
Total % Solids	87.6	

LOD = Limit of Detection
LOQ = Limit of Quantitation
NA = Not Applicable
QC Batch # 060493

GC #6

Authorized Signature



U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

QC Summary

Method 8021 Volatile Organic Compounds

Project #: None
Sample ID: MW9-17'19'
Report Date: 20-Nov-98
Lab Code: 5023422F

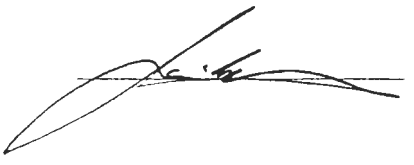
ANALYTE	INITIAL CALIBRATION	KNOWN STANDARD	MATRIX SPIKE	REPLICATE SPIKE	BLANK	PID SURROGATE	HALL SURROGATE
Benzene	P	P	P	P	P	P	P
Bromobenzene	P	P	P	P	P	P	P
Bromodichloromethane	P	P	P	P	P	P	P
n-Butylbenzene	P	P	P	P	P	P	P
sec-Butylbenzene	P	P	P	P	P	P	P
tert-Butylbenzene	P	P	P	P	P	P	P
Carbon Tetrachloride	P	P	P	P	P	P	P
Chlorobenzene	P	P	P	P	P	P	P
Chloroethane	P	F	P	P	P	P	P
Chloroform	P	P	P	P	P	P	P
Chloromethane	P	F	P	F	P	P	P
2-Chlorotoluene	P	P	P	P	P	P	P
4-Chlorotoluene	P	P	P	P	P	P	P
1,2-Dibromo-3-Chloropropane	P	P	P	P	P	P	P
Dibromochloromethane	P	P	P	P	P	P	P
1,2-Dichlorobenzene	P	P	P	P	P	P	P
1,3-Dichlorobenzene	P	P	P	P	P	P	P
1,4-Dichlorobenzene	P	P	P	P	P	P	P
Dichlorodifluoromethane	P	F	F	P	P	P	P
1,1-Dichloroethane	P	P	P	P	P	P	P
1,2-Dichloroethane	P	P	P	P	P	P	P
1,1-Dichloroethene	P	P	P	P	P	P	P
cis-1,2-Dichloroethene	P	P	P	P	P	P	P
trans-1,2-Dichloroethene	P	P	P	P	P	P	P
1,2-Dichloropropane	P	P	P	P	P	P	P
1,3-Dichloropropane	P	P	P	P	P	P	P
2,2-DCP,cis-1,2-DCE	P	P	P	P	P	P	P
Di-isopropyl Ether	P	P	P	P	P	P	P
Ethylbenzene	P	P	P	P	P	P	P
EDB (1,2-Dibromoethane)	P	P	P	P	P	P	P
Hexachlorobutadiene	P	P	P	P	P	P	P
Isopropylbenzene	P	P	P	P	P	P	P
p-Isopropyltoluene	P	P	P	P	P	P	P
Methylene Chloride	P	F	P	P	P	P	P
MTBE	P	P	P	P	P	P	P
Naphthalene	P	P	P	P	P	P	P
n-Propylbenzene	P	P	P	P	P	P	P
1,1,2,2-Tetrachloroethane	P	P	P	P	P	P	P
Tetrachloroethene	P	P	P	P	P	P	P
Toluene	P	P	P	P	P	P	P
1,2,3-Trichlorobenzene	P	P	P	P	P	P	P
1,2,4-Trichlorobenzene	P	P	P	P	P	P	P
1,1,1-Trichloroethane	P	P	P	P	P	P	P
1,1,2-Trichloroethane	P	P	P	P	P	P	P
Trichloroethene	P	P	P	P	P	P	P
Trichlorofluoromethane	P	P	P	P	P	P	P
124-Trimethylbenzene	P	P	P	P	P	P	P
1,3,5-Trimethylbenzene	P	P	P	P	P	P	P
Vinyl Chloride	P	P	P	F	P	P	P
m&p-Xylene	P	P	P	P	P	P	P
o-Xylene	P	P	P	P	P	P	P

P = Passed QC limits. F = Failed QC limits. NA = Not Applicable

QC Batch # 060493

"J" Flag: Analyte detected between LOD and LOQ.

Authorized Signature



U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

VOC
Method 8021 Volatile Organic Compounds
(Methanol Preserved)

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 20-Nov-98
Analyzed By: BDB

Project #: None
Project : Silver Terrace Center
Sample ID: TRIP
Lab Code: 5023422G
Sample Type: MeOH
Sample Date: 03-Nov-98
Date Analyzed: 05-Nov-98

ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
Benzene	< 25	5.9	20	1
Bromobenzene	< 25	3.1	10	1
Bromodichloromethane	< 25	2.7	8.9	1
n-Butylbenzene	< 25	2.5	8.4	1
sec-Butylbenzene	< 25	4.8	16	1
tert-Butylbenzene	< 25	2.3	7.7	1
Carbon Tetrachloride	< 25	2.2	7.2	1
Chlorobenzene	< 25	2.5	8.2	1
Chloroethane	< 25	5	17	1
Chloroform	< 25	2.8	9.2	1
Chloromethane	< 25	7.3	24	1
2-Chlorotoluene	< 25	2.4	7.9	1
4-Chlorotoluene	< 25	2.3	7.8	1
1,2-Dibromo-3-Chloropropane	< 25	2.1	7.1	1
Dibromochloromethane	< 25	2	6.7	1
1,2-Dichlorobenzene	< 25	2.2	7.2	1
1,3-Dichlorobenzene	< 25	2.2	7.4	1
1,4-Dichlorobenzene	< 25	2.2	7.2	1
Dichlorodifluoromethane	< 25	4.3	14	1
1,1-Dichloroethane	< 25	2.3	7.6	1
1,2-Dichloroethane	< 25	2.7	9.1	1
1,1-Dichloroethene	< 25	2.2	7.5	1
cis-1,2-Dichloroethene	< 25	2.8	9.3	1
trans-1,2-Dichloroethene	< 25	3.5	12	1
1,2-Dichloropropane	< 25	2.4	8	1
1,3-Dichloropropane	< 25	2.2	7.3	1

ANALYTE	RESULT	LOD UG/KG	LOQ UG/KG	Dilution Factor
2,2-DCP,cis-1,2-DCE	< 25	4.1	14	1
Di-isopropyl Ether	< 25	3.9	13	1
Ethylbenzene	< 25	6.2	11	1
EDB (1,2-Dibromoethane)	< 25	4.2	14	1
Hexachlorobutadiene	< 25	4.8	16	1
Isopropylbenzene	< 25	5	17	1
p-Isopropyltoluene	< 25	3.4	11	1
Methylene Chloride	< 25	3.3	11	1
MTBE	< 25	7	23	1
Naphthalene	< 25	7	23	1
n-Propylbenzene	< 25	2.8	9.2	1
1,1,2,2-Tetrachloroethane	< 25	7.1	24	1
Tetrachloroethene	< 25	3.6	12	1
Toluene	< 25	5.1	17	1
1,2,3-Trichlorobenzene	< 25	5.4	18	1
1,2,4-Trichlorobenzene	< 25	5.1	17	1
1,1,1-Trichloroethane	< 25	2.3	7.6	1
1,1,2-Trichloroethane	< 25	2	6.7	1
Trichloroethene	< 25	4.6	15	1
Trichlorofluoromethane	< 25	19	65	1
124-Trimethylbenzene	< 25	2.4	8	1
1,3,5-Trimethylbenzene	< 25	3.8	13	1
Vinyl Chloride	< 25	4.7	16	1
m&p-Xylene	< 50	5.6	19	1
o-Xylene	< 25	2.7	9	1

Fluorobenzene Surrogate	105 % Rec.
1,4-Dichlorobutane Surrogate	100 % Rec.
Total % Solids	100

LOD = Limit of Detection
LOQ = Limit of Quantitation
NA = Not Applicable
QC Batch # 060493

GC #6

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

QC Summary

Method 8021 Volatile Organic Compounds

Project #: None
Sample ID: TRIP
Report Date: 20-Nov-98
Lab Code: 5023422G

ANALYTE	INITIAL CALIBRATION	KNOWN STANDARD	MATRIX SPIKE	REPLICATE SPIKE	BLANK	PID SURROGATE	HALL SURROGATE
Benzene	P	P	P	P	P	P	P
Bromobenzene	P	P	P	P	P	P	P
Bromodichloromethane	P	P	P	P	P	P	P
n-Butylbenzene	P	P	P	P	P	P	P
sec-Butylbenzene	P	P	P	P	P	P	P
tert-Butylbenzene	P	P	P	P	P	P	P
Carbon Tetrachloride	P	P	P	P	P	P	P
Chlorobenzene	P	P	P	P	P	P	P
Chloroethane	P	F	P	P	P	P	P
Chloroform	P	P	P	P	P	P	P
Chloromethane	P	F	P	F	P	P	P
2-Chlorotoluene	P	P	P	P	P	P	P
4-Chlorotoluene	P	P	P	P	P	P	P
1,2-Dibromo-3-Chloropropane	P	P	P	P	P	P	P
Dibromochloromethane	P	P	P	P	P	P	P
1,2-Dichlorobenzene	P	P	P	P	P	P	P
1,3-Dichlorobenzene	P	P	P	P	P	P	P
1,4-Dichlorobenzene	P	P	P	P	P	P	P
Dichlorodifluoromethane	P	F	F	P	P	P	P
1,1-Dichloroethane	P	P	P	P	P	P	P
1,2-Dichloroethane	P	P	P	P	P	P	P
1,1-Dichloroethene	P	P	P	P	P	P	P
cis-1,2-Dichloroethene	P	P	P	P	P	P	P
trans-1,2-Dichloroethene	P	P	P	P	P	P	P
1,2-Dichloropropane	P	P	P	P	P	P	P
1,3-Dichloropropane	P	P	P	P	P	P	P
2,2-DCP,cis-1,2-DCE	P	P	P	P	P	P	P
Di-isopropyl Ether	P	P	P	P	P	P	P
Ethylbenzene	P	P	P	P	P	P	P
EDB (1,2-Dibromoethane)	P	P	P	P	P	P	P
Hexachlorobutadiene	P	P	P	P	P	P	P
Isopropylbenzene	P	P	P	P	P	P	P
p-Isopropyltoluene	P	P	P	P	P	P	P
Methylene Chloride	P	F	P	P	P	P	P
MTBE	P	P	P	P	P	P	P
Naphthalene	P	P	P	P	P	P	P
n-Propylbenzene	P	P	P	P	P	P	P
1,1,2,2-Tetrachloroethane	P	P	P	P	P	P	P
Tetrachloroethene	P	P	P	P	P	P	P
Toluene	P	P	P	P	P	P	P
1,2,3-Trichlorobenzene	P	P	P	P	P	P	P
1,2,4-Trichlorobenzene	P	P	P	P	P	P	P
1,1,1-Trichloroethane	P	P	P	P	P	P	P
1,1,2-Trichloroethane	P	P	P	P	P	P	P
Trichloroethene	P	P	P	P	P	P	P
Trichlorofluoromethane	P	P	P	P	P	P	P
124-Trimethylbenzene	P	P	P	P	P	P	P
1,3,5-Trimethylbenzene	P	P	P	P	P	P	P
Vinyl Chloride	P	P	P	F	P	P	P
m&p-Xylene	P	P	P	P	P	P	P
o-Xylene	P	P	P	P	P	P	P

P = Passed QC limits. F = Failed QC limits. NA = Not Applicable

QC Batch # 060493

"J" Flag: Analyte detected between LOD and LOQ.

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445027660

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 20-Nov-98

Project #: None
Project : Silver Terrace Center
Sample ID: MW9-15'-17'
Lab Code: 5023422H
Sample Type: Soil
Sample Date: 03-Nov-98

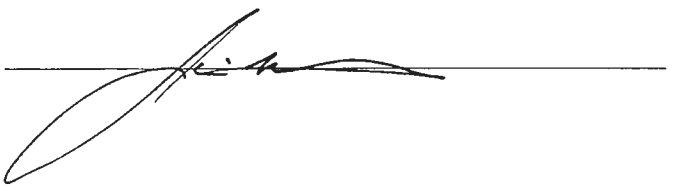
Test	Result	LOD	LOQ	Unit	Dilution Factor	Date Analyzed:	Analyzed By:	QC Code
TOTAL ORGANIC CARBON **SW846 9060**	4870	7.6	25	MG/KG		13-Nov-98	Robert E. Lee	1

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

QC SUMMARY

CODE:

1 All laboratory QC requirements were met for this sample.

Authorized Signature 

CHAIN OF CUSTODY RECORD

U.S. Analytical Lab
1090 Kennedy Ave. Kimberly, WI 54136
(414) 735-8295 • FAX 414-739-1738 • 800-490-4902
USALAB@AOL.COM

Rev. Da. 7665

Chain # No

Page 1 of 1

Lab I.D. # 9023422

Account No. : Quote No.:

Project #:

Sampler: (signature) Joe Michaelchuck

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

Project (Name / Location): Silver Terrace Center/5821-5855 W. Silver Spring Drive, Milwaukee, WI.

Reports To: Joe Michaelchuck
Company Environmental Associates, Inc.
Address P.O. Box 136
City State Zip Thiensville, WI 53092
Phone (414) 242-1065

Invoice To: Mr. Fred Wein
Company c/o Environmental Associates
Address SAME
City State Zip
Phone

Sample Handling Request
___ Rush Analysis Date Required ____
X Normal Turn Around

Analysis Requested LOS

Lab I.D.	Sample I.D.	Collection Date	Collection Time	No. of Containers Size and Type	Description Water	Description Soil	Description Other (specify)	Preservation	DRO (Mod/TPH)	GRO (Mod/TPH)	PVOC (EPA 8020)	BTEX (EPA 8020)	VOC (EPA 8021)	O&G (EPA 413.1)	PAH (EPA 8310)	Pb	Flash Point	Other Analysis: Dry wt.	Other Analysis: TEMP	Other Analysis: Total Organic Carbon	PID/FID
9023422 A	MW3-3'-5'	11-3-98	7:40	(2) 2oz Jars		X		MEOH					X					X			0
B	MW3-9'-11'		7:50	(2) 2oz Jars		X		MEOH					X					X			12
C	MW3-17'-19'		8:10	(2) 2oz Jars		X		MEOH					X					X			0
D	MW1-5'-7'		8:55	(2) 2oz Jars		X		MEOH					X					X			0
E	MW4-13'-15'		9:15	(3) 2oz Jars		X		MEOH	X				X					X			0
F	MW1-11'-13'		9:35	(3) 2oz Jars		X		MEOH	X				X					X			0
G	TRIP		7:30	(1) 2oz Jar			MEOH						X								
	TEMP		7:30	(1) 2oz Jar	X														X		
H	MW1-15'-17'		9:30	(1) 2 oz Jar		X		—												X	0

Department Use Only
Split Samples: Offered ? ____ Yes ____ No
Accepted? ____ Yes ____ No
Accepted By: _____

Department Use Optional for Soil Samples
Disposition of unused portion of sample
Lab Should:
Dispose ____ Retain for ___ days
Return ____ Other

Comments/ Special Instructions *(See reverse side for important reminders)*

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
Bonnie Merkley			T Backus	10:15	11-4-98
T Backus	2:45	11-4-98			

Received in Laboratory By: Linda Smith Date: 11/4/98 Time: 2115

WI DNR Activities at Discharge Sites

? Help

BRRTS data comes from many sources inside and outside of DNR. There may be gaps and errors in the data, or delays in updating new information. Please see our disclaimers page for more information.

RECEIVED
MAR 1 1 2003
ERS DIVISION
MILWAUKEE

DNR Activity Number:	03-41-169385
Activity Type:	LUST
Activity Name:	WEIN PROPERTY / STRIP MALL
Start Date:	08/06/1997
End Date:	
Site Name:	SILVER TERRACE CENTER
Address:	5821-5835 W SILVER SPRING DR
Municipality:	MILWAUKEE
County:	Milwaukee
DNR Region:	Southeast Region
Quarter Quarter Section:	NW
Quarter Section:	NW
Survey Section:	35
Survey Township:	8
Survey Range:	21E
FID Number:	241931910
Jurisdiction:	Commerce
Priority:	Unknown
Risk:	Medium

Persons or Companies associated with this DNR Activity

Person or Company	Role	Address	Address 2	PO Box	Municipality	State	Zip
ENVIRONMENTAL ASSOCIATES INC	Consultant	210 GREEN BAY RD		PO BOX 136	THIENSVILLE	WI	53092

Record 1 of 1

Download

Actions performed during this DNR Activity

Action Name	Action Description	Comment	Date Action Occurred
Notification	Date the DNR is notified of the discovery of the contamination.		08/06/1997
RP Letter Sent	Date of letter to RP notifying of legal responsibilities associated with the discovery of contamination.		08/27/1997
Activity Transferred to DCOM	Date that project management for the activity is transferred to Department of Commerce. Includes transfer of site files.	TICKLER GENERATED REQUEST	12/16/2002
Miscellaneous	Miscellaneous action. Please see action comments.	FILE NEVER SENT 12/16/02 - FILE & TRANSFER LETTER SENT 2/28/03	02/28/2003

Records 1 to 4 of 4

Download

Impacts

Impact Description	Comment
Soil Contamination	

Record 1 of 1

Substance

Substance Description	Substance Name	Amount Released	Units
Fuel Oil			

Record 1 of 1

Spiller Action

No Records returned

WISCONSIN
DEPT. OF NATURAL RESOURCES

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters
2300 N. Dr. Martin Luther King, Jr. Drive
PO Box 12436
Milwaukee, Wisconsin 53212-0436
Telephone 414-263-8500
FAX 414-263-8483
TTY 414-263-8713

February 28, 2003

Fred Wein
PO BOX 17396
Milwaukee, WI 53217

BRRTS # 03-41-169385
FID # 241931910

Subject: Transfer of Site File, Silver Terrace Center, 5821-5835 W. Silver Spring Dr., Milwaukee, WI.

Dear Mr. Wein:

The recently enacted Biennial Budget contained language, which modifies the way the State classifies sites impacted by petroleum contamination. In addition, under this same language, oversight for sites falling under the definition of "low or medium risk" would become the responsibility of the Department of Commerce (Commerce) rather than our agency. Your site appears to fall under this new definition of "low/medium risk" and as such, further reviews of submittals and technical assistance will be provided by staff at Commerce.

At the request of your environmental consultant, we are transferring your site, along with all file documents for your site, to the Department of Commerce. If you have questions or concerns regarding your site, or would like to review any of the pertinent file documents, you should direct them to Commerce staff at the following address:

Monica Weis	(414) 220-5361	Wisconsin Department of Commerce
Gregory Michael	(414) 220-5375	Environmental & Regulatory Services
Linda Michalets	(414) 220-5376	101 West Pleasant Street – Suite 205
Jennifer Skinner	(414) 220-5373	Milwaukee, WI 53212
Steve Mueller	(414) 220-5402	
Lee Delcore	(414) 220-5403	

Thank you for your understanding as we implement the language contained within the recent Biennial Budget.

Sincerely,

Victoria Stovall mta

Victoria Stovall,
Program Assistant
Department of Natural Resources
Remediation & Redevelopment
414-263-8688

cc: Site File
Environmental Associates, Inc.

Checklist for "Non-Responders" Audit

Phase I: No entry into BRRTS since RP letter for all cases prior to 1/1/01

Case Name: Wilson Property Strip Mall FID#: 241931910

BRRTS#: 03-41-169385 Auditor: BG PM/Reviewer: _____

If there is file information not listed in BRRTS

Have you updated BRRTS with all file information available? Y or N

Is there a closure request pending? Y or N

Is this a high-risk site that DNR should continue to retain? Y N or Unknown

Are there documents in the file that are more recent than 1/1/01? Y or N

Phone Contact Information

Contact Name: Joe Michaelchuck RP or (Consultant)

Phone #: 262-242-1088 Date of call: 12-10-02

Status of Case: Remedial investigation submitted for PCE at site (ERP Act.) and asked for no further action on Tank issue. DNR did not respond. IS sending a summary hoping to transfer Lust activity to DCOM

Based on this status update, does RP need a letter? Y or (N)

If yes, which type of letter is appropriate?

- ☐ 1) Original RP is still owner and nothing has been done.
- ☐ 2) Current property owner is different from original RP.
- ☐ 3) Work has been done at the site, but DNR does not have copies of documents.
- ☐ 4) Case-specific (does not fit any of the above scenarios).*

Has a BRRTS code been entered and the letter forwarded to Reviewer? Y or N

Has case been entered into Reviewer's tracking spreadsheet? Y or N

If a letter was not sent, is there other action needed, and if so, what? _____

Site request Transfer to DComm. Letter from Consultant in file

Date this action was completed: 12-16-02 By whom: BG

* Letter must be reviewed and approved by supervisor.

Environmental Associates, Inc.

December 11, 2002

Barb Grundl
Wisconsin Department of Natural Resources
Southeast Region Remediation and Redevelopment Program
2300 North Dr. Martin Luther King Drive
Milwaukee, WI 53212

Re: Silver Terrace Shopping Center, 5821-5835 West Silver Spring Drive, Milwaukee, Wisconsin (BRRTS #03-41-169385) (FID #241931910)

Dear Barb Grundl:

The purpose of this correspondence is to request that the case files associated with the above referenced activity be transferred from the Wisconsin Department of Natural Resources (WDNR) to the Department of Commerce (COMM). Environmental Associates, Inc. has determined that COMM has administrative authority for this site because: (1) This site is classified as a low risk; and, (2) The fuel oil contamination related to this activity has not commingled with the dry cleaning solvent contamination at the site.

As such, in accordance with Wisconsin Administrative Code (WAC), Chapter NR 746.04, Environmental Associates request that this site be transferred to COMM.

On behalf of Silver Terrace Shopping Center, LLP, Environmental Associates thank you for your time on this matter.

Sincerely,
Environmental Associates, Inc.

Joe Michaelchuck, P.E.
Project Manager

cc: File
Client
Dennis Fisher – Meissner Tierney Fisher & Nichols
Stephen Mueller – COMM

P.O. Box 136 Thiensville, WI 53092 (262) 242-1088 FAX (262) 242-6554 www.eaiwi.com

WI DNR Activities at Discharge Sites

Help

BRRTS data comes from many sources inside and outside of DNR. There may be gaps and errors in the data, or delays in updating new information. Please see our disclaimers page for more information.

DNR Activity Number:	03-41-169385
Activity Type:	LUST
Activity Name:	WEIN PROPERTY / STRIP MALL
Start Date:	08/06/1997
End Date:	
Site Name:	SILVER TERRACE CENTER
Address:	5821-5835 W SILVER SPRING DR
Municipality:	MILWAUKEE
County:	Milwaukee
DNR Region:	Southeast Region
Quarter Quarter Section:	NW
Quarter Section:	NW
Survey Section:	35
Survey Township:	8
Survey Range:	21E
FID Number:	241931910
Jurisdiction:	Commerce
Priority:	Unknown
Risk:	Medium

Persons or Companies associated with this DNR Activity

Person or Company	Role	Address	Address 2	PO Box	Municipality	State	Zip
ENVIRONMENTAL ASSOCIATES INC	Consultant	210 GREEN BAY RD		PO BOX 136	THIENSVILLE	WI	53092

Record 1 of 1

Download

Actions performed during this DNR Activity

Action Name	Action Description	Comment	Date Action Occurred
Notification	Date the DNR is notified of the discovery of the contamination.		08/06/1997
RP Letter Sent	Date of letter to RP notifying of legal responsibilities associated with the discovery of contamination.		08/27/1997
Activity Transferred to DCOM	Date that project management for the activity is transferred to Department of Commerce. Includes transfer of site files.	TICKLER GENERATED REQUEST	12/16/2002

Records 1 to 3 of 3

Download

Impacts

Impact Description	Comment
Soil Contamination	

Record 1 of 1

Substance

Substance Description	Substance Name	Amount Released	Units
Fuel Oil			

Record 1 of 1

Spiller Action

No Records returned

- Person or Company

Send DNR Feedback About This DNR Activity
BRRTS on the Web Feedback Form

ENVIRONMENTAL ASSOCIATES, INC.

Environmental Associates, Inc.
P.O. Box 136
Thiensville, Wisconsin 53092
(262) 242-1088 fax- (262) 242-6554
toll free (800) 494-4645
www.eaiwi.com

Fax

To:	Barb Grundl	**From:**	Joe Michaelchuck
Company:	WDNR	**Pages:**	
Fax:	414-263-8483	**Date:**	December 12, 2002
Re:	Request for Update—BRRTS #03-41-169385	**CC:**	

☐ **Urgent** ☐ **For Review** ☐ **Please Comment** ☐ **Please Reply** ☐ **Please Recycle**

Barb:

Here is an update for the Silver Terrace Shopping Center. As we discussed, this correspondence will prevent you from having to take action on the site, whether that would be issuing another RP letter or notice of non-compliance.

If you need any additional information, or this letter does not meet with your approval, please contact me so that we can provide you with whatever it is you need.

Thanks,

Joe

Environmental Associates, Inc.

December 11, 2002

Barb Grundl
Wisconsin Department of Natural Resources
Southeast Region Remediation and Redevelopment Program
2300 North Dr. Martin Luther King Drive
Milwaukee, WI 53212

Re: Silver Terrace Shopping Center, 5821-5835 West Silver Spring Drive, Milwaukee, Wisconsin (BRRTS #03-41-169385) (FID #241931910)

Dear Barb Grundl:

The purpose of this correspondence is to request that the case files associated with the above referenced activity be transferred from the Wisconsin Department of Natural Resources (WDNR) to the Department of Commerce (COMM). Environmental Associates, Inc. has determined that COMM has administrative authority for this site because: (1) This site is classified as a low risk; and, (2) The fuel oil contamination related to this activity has not commingled with the dry cleaning solvent contamination at the site.

As such, in accordance with Wisconsin Administrative Code (WAC), Chapter NR 746.04, Environmental Associates request that this site be transferred to COMM.

On behalf of Silver Terrace Shopping Center, LLP, Environmental Associates thank you for your time on this matter.

Sincerely,
Environmental Associates, Inc.

Joe Michaelchuck, P.E.
Project Manager

cc: File
Client
Dennis Fisher – Meissner Tierney Fisher & Nichols
Stephen Mueller – COMM

P.O. Box 136 Thiensville, WI 53092 (262) 242-1088 FAX (262) 242-6554 www.eaiwi.com

Environmental Associates, Inc.

May 28, 1998

Mr. Mike Farley
BBR Program Assistant
Wisconsin Department of Natural Resources
2300 N. Dr. Martin Luther King Jr. Drive
P.O. Box 12436
Milwaukee, WI 53212

RE: Silver Terrace Center, 5821-5835 West Silver Spring Drive, Milwaukee
(BRRTS #:03-41-169385) (Facility ID #: 241931910)

Dear Mr. Farley:

Environmental Associates, Inc. (Environmental Associates) has been retained by Mr. Fred Wein on May 7, 1998 for consulting services at the above referenced site. Please find enclosed a copy of the workplan for the proposed investigation. The investigation is scheduled for the week of June 1, 1998.

Should you have any questions or comments, or require additional information, please feel free to contact us at (414) 242-1088.

Sincerely,

Environmental Associates, Inc.

Joe Michaelchuck
Project Manager
JM:mas
598WDNR.DOC

cc: File
Client

P.O. Box 136 Thiensville, WI 53092 (414) 242-1088 FAX (414) 242-6554

REVISED
REMEDIAL INVESTIGATION
PROPOSAL

SILVER TERRACE CENTER
5821-5835 WEST SILVER SPRING ROAD
MILWAUKEE, WISCONSIN

MAY 7, 1998

PROPOSAL NUMBER Pr 234a

REVISED
REMEDIAL INVESTIGATION
PROPOSAL

SILVER TERRACE CENTER
5821-5835 WEST SILVER SPRING ROAD
MILWAUKEE, WISCONSIN

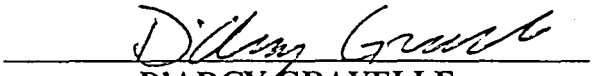
PREPARED FOR:

MR. FRED WEIN
P.O. BOX 17396
MILWAUKEE, WISCONSIN 53217

PREPARED BY:

ENVIRONMENTAL ASSOCIATES, INC.
P.O. BOX 136
THIENSVILLE, WISCONSIN 53092

MAY 7, 1998



D'ARCY GRAVELLE
OPERATIONS MANAGER

PROPOSAL NUMBER Pr 234a

TABLE OF CONTENTS

SECTION 1.0
BACKGROUND INFORMATION

The following presents Environmental Associates, Inc. (Environmental Associates) revised proposal to conduct a remedial investigation of a petroleum release and a tetrachloroethylene (PCE) release at the Silver Spring Terrace facility, located at 5821-5835 West Silver Spring Drive, Milwaukee, Wisconsin (Figure 1). This proposal has been prepared in conformance with your request.

On September 18, 1997 three (3) fuel oil Underground Storage Tanks (UST's) were removed from the property. Field indications and laboratory analyses of soil from within all three tank pits suggest that a release associated with all three UST's has occurred.

American Stores Properties, Inc. retained Clayton Environmental Services (Clayton Environmental) to perform a limited Phase II Environmental Site Assessment (ESA) of the Property. Clayton Environmental evaluated the extent of fuel oil contamination in the near vicinity of the three former UST's, as well as soil and groundwater quality in the near vicinity of a tenant of the property (One Hour Dry Cleaning). Clayton Environmental performed a series of 23 soil boring, of which, 39 soil samples were submitted to a laboratory for analyses of Volatile Organic Compounds (VOC's) and Diesel Range Organic (DRO) parameters. A geographic description of the associated bore hole locations are presented for review in Figure 2. The result of Clayton Environmental's analyses of the property suggests that soil contamination related to all three UST's was evident in their immediate tank pits. Based on the laboratory data provided by Clayton Environmental, it would appear that soil contamination in the vicinity of the eastern most UST appears confined to the tank pit. Soil in the vicinity of the western tank pit appears to be defined on site, however, the extent of contamination to the south may require further definition. Laboratory data further suggested that a PCE release has occurred at two locations at the Property, a summary of the locations of the PCE release is presented as follows:

1) Along the south side of the building near the alley entrance.

2) Along the west side of the building near the One Hour Dry Cleaning store entrance.

Laboratory data submitted by Clayton Environmental would suggest that the lateral extent of PCE contaminated soil along the south side of the Property appears to have been defined, however, further evaluation of groundwater quality will be required. Soil contamination along the west side of the Property does not appear defined and will require further investigation in all four directions, additionally, further evaluation of groundwater quality will be required. A sample of groundwater collected by Clayton Environmental would suggest that groundwater is impacted along the west side of the building and may be impacted with PCE along the south side of the Property.

This Property will require notification to the Wisconsin Department of Natural Resources (WDNR) in conformance with Wisconsin Law (Administrative Statute NR 144.76). Currently Mr. Wein is soliciting proposals from qualified consultants to assist in investigating and ultimately receiving WDNR closure of these releases.

The purpose of this proposal is to present a scope of services, including costs, which when implemented should define the degree and extent of local soil contamination and assess local groundwater quality.

SECTION 2.0
PROPOSED INVESTIGATION

Successful and cost effective remediation of the potential environmental contamination at the property requires a thorough understanding of the contaminants involved, the degree of migration, and the local geologic and hydrogeologic conditions. The remainder of this document will present a proposed scope of services recommended by Environmental Associates to document and define the local soil and groundwater quality conditions.

2.1 Proposed Soil Borings

To attempt to define the extent of soil contamination at the property, it is proposed that four soil exploration borings should be advanced along the west side of the Property and three soil borings should be advanced along the south side of the Property (Figure 2).

2.1.1 Method of Advancement

The proposed soil exploration borings will be advanced by use of a conventional drill rig. The borings will be advanced to the depth of the suspected local groundwater (approximately 20 feet below grade).

2.1.2 Proposed Bore hole Locations

A geographic description of proposed boring locations (Figure 2) are presented as follows:

Along the west side of the building

- Near HPU 14 (MW1, Figure 2).
- Approximately 20 feet north of HPU 16 (MW2, Figure 2).
- Approximately 20 feet south of HPU 15 (MW3, Figure 2).
- Approximately 20 feet west of HPU 18 (MW4, Figure 2).

Along the south side of the building

- Near HPU 5 (MW5, Figure 2).
- Near HPU 19 (MW6, Figure 2).
- Near HPU 3 (MW7, Figure 2).

2.1.3 Soil Sampling

Both field and laboratory screening shall be performed on all soil samples collected. A description of sampling techniques is presented as follows:

2.1.3.1 Field Screening of Soil Samples

Soil samples shall be collected as per conventional bore hole methods. A continuous sampling of soils will be retrieved from a decontaminated collection tool, as the boring is advanced. A portion of the retrieved soils shall be placed immediately into a Ziploc™ plastic bag, stored in a warm location (i.e. 60°F) for at least twenty minutes, then field screened with a photoionization detector for the presence of volatile organic compounds such as those related to petroleum fuel and PCE. All soil samples collected shall also be noted and described by a qualified Hydrogeologist, with special emphasis on color, odor, moisture, soil classification, uniformity and plasticity.

2.1.3.2 Laboratory Analysis of Soil Samples

It is proposed that up to three soil samples per boring be collected and analyzed for VOC's and DRO. The soil samples would be collected from above the local groundwater interface depth to assess soil quality, at the local interface depth to assess potential groundwater quality conditions and below the local groundwater interface to assess the vertical extent of contamination.

2.2 Proposed Well Locations

As previously discussed, groundwater contamination has been documented along the west side of the building. Environmental Associates propose that all four borings along the west side of the building be converted to wells. It is our opinion that the proposed location of the borings should be sufficient to define the full lateral extent of this release.

It is further proposed that the borings near the south side of the building (MW5-MW7) be converted to monitor wells to assess whether groundwater in the near vicinity of these boring has been impacted. Given the vertical extent of soil contamination observed in these bore hole locations, a groundwater investigation will be necessary to obtain closure at this location with the WDNR.

2.2.1 Method of Advancement

The proposed monitoring well will be advanced by use of a drill rig. The well would be advanced using conventional hollow stem auger drilling methods. Additionally, the well would be installed in conformance with Wisconsin Administrative Code, Chapter NR 140 standards.

2.2.2 Laboratory Analysis of Groundwater Samples

Groundwater samples would be collected from within the well in compliance with Wisconsin Administrative Code, Chapter NR 141 standards. Groundwater from within the wells would be submitted to a laboratory for analyses of VOC's. The results of the analyses would be compared to State of Wisconsin clean-up standards.

SECTION 3.0
CONTAMINATION ASSESSMENT REPORT AND REMEDIAL ACTION PLAN

All information collected from the contamination assessment activities shall be carefully reviewed, and a report entailing all findings shall be prepared by Environmental Associates. The report shall define whether WDNR case closure could be requested, or if further investigation into the degree and extent of contamination is required, or whether evaluations of remedial alternatives from an engineering and cost efficiency standpoint should be performed. Prior to completion of the report, a draft copy of the report will be submitted for client review and comment. Upon client approval, a copy of this report shall be submitted to the WDNR for review and approval.

SECTION 4.0
ASSOCIATED COSTS

The cost for all contamination assessment activities outlined in Section 4.0 of this proposal are based upon subcontractor estimates and Environmental Associates standard billing rates current to the date of this document. These costs also assume that all areas are accessible for the investigation by a truck-mounted drill rig.

4.1 Monitor Well / Bore hole Costs

Mobilization	$200.00
Monitor Well/Soil Borings	$3,500.00
Miscellaneous	$250.00
TOTAL DRILLING COSTS	**$3,950.00**

4.1.1 Laboratory Soil Analytical Costs

Twenty one (21) soil samples for Volatile Organic Compounds (VOC's)

21 x $80.00/each	$1,680.00
(1) Trip Blank	N/C
TOTAL SOIL ANALYTICAL COSTS	**$1,680.00**

4.1.2 Laboratory Groundwater Analytical Costs

seven (7) groundwater sample for Volatile Organic Compounds (VOC)

7 x $80.00/each	$560.00
(1) Trip Blank	N/C
TOTAL GROUNDWATER ANALYTICAL	**$560.00**

4.2 Professional Services

A brief description of professional services required, coupled with an estimate of expense is presented as follows:

4.2.1 On-Site Services

Qualified Hydrogeologist on-site during drilling activities, and sampling, project coordination and administration.

--	Senior Hydrogeologist	16 hrs. x $75/hrs	$1,200.00

4.2.2 Reporting/Documentation
(Contamination Assessment Report and Remedial Action Plan)

--	Senior Project Manager	1 hrs. x $85/hr.	$85.00
--	Senior Hydrogeologist	30 hrs. x $75/hr.	$2,250.00
--	Drafting	5 hrs. x $35/hr.	$175.00
--	Clerical	8 hrs. x $30/hr.	$240.00
	TOTAL PROFESSIONAL SERVICES		**$3,950.00**

4.3 Equipment Rental

--	Photoionization Detector	2 days x $75/day	$150.00
--	Miscellaneous Expenses (mileage, etc.)		$200.00
	TOTAL EQUIPMENT RENTAL		**$350.00**

4.4 Project Estimate

--	Monitor Well Drilling Costs	$3,950.00
--	Laboratory Soil Analytical	$1,680.00
--	Laboratory Groundwater Analytical	$560.00
--	Total Professional Services	$3,950.00
--	Total Equipment Rental	$350.00
	PROJECT ESTIMATE	**$10,490.00**

Environmental Associates would be pleased to proceed with this project upon receipt of an endorsed service agreement, which can be forwarded to you upon request.

We hope this information meets your needs. If you have any questions or require additional information or clarification, please call us at your convenience. Environmental Associates looks forward to working with you on this very important project.

Pr 234a.DOC

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region Annex
4041 N. Richards Street, Box 12436
Milwaukee, WI 53212-0436
TELEPHONE 414-229-0800
FAX 414-229-0810

August 27, 1997

BRRTS# : 03-41-169385
Facility ID#: 241931910
BRR/LUST

FRED & SARA WEIN
BOX 17396
MILWAUKEE WI 53217

SUBJECT: Reported Contamination at 5821-5835 W. Silver Spring Dr., Milwaukee

To speed processing, correspondence should reference BRRTS & FID numbers at top of letter.

Dear Mr. & Ms. Wein:

On 8-6-97 Joe Michaelchuck of Environmental Associates informed the Department that fuel oil which leaked from underground storage tanks caused soil contamintion and potential groundwater contamination at the subject address.

Based on the information submitted to the Wisconsin Department of Natural Resources (WDNR), we believe you are responsible for restoring the environment at the referenced site under Section 292, Wisconsin Stats., known as the hazardous substances spills law. Utilizing information submitted to the Department, this case has been assigned an unknown ranking due to the lack of information concerning soil and groundwater contamination.

WDNR Southeast Region Prioritization and Scoring Policy

Due to the WDNR workload, it is necessary to rank all contamination cases for review priority. Lower priority cases do not have assigned project managers, however, responsible parties are required to proceed with investigation and clean-up efforts. Until a priority has been assigned to this site, you should proceed with the required response work, submitting all plans and reports, along with status reports, to this office. The WDNR will notify you if your site will receive active oversight.

Your responsibilities include investigating the extent of the contamination and then selecting and implementing the most appropriate remedial action. Enclosed is information to help you understand what you need to do to ensure your compliance with the spills law.

The purpose of this letter is threefold: 1) to describe your legal responsibilities, 2) to explain what you need to do to investigate and clean up the contamination, and 3) to provide you with information about cleanups, environmental consultants, possible financial assistance, and working cooperatively with the Department of Natural Resources.

Legal Responsibilities:
Your legal responsibilities are defined both in statute and in administrative codes. The hazardous

substances spill law, Section 292.11 (3) Wisconsin Statutes, states:

* RESPONSIBILITY. A person who possesses or controls a hazardous substance which is discharged or who causes the discharge of a hazardous substance shall take the actions necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air, lands, or waters of the state.

Wisconsin Administrative Codes chapters NR 700 through NR 728 establish requirements for emergency and interim actions, public information, site investigations, design and operation of remedial action systems, and case closure. Chapter NR 708 includes provisions for immediate actions in response to limited contamination. Wisconsin Administrative Code chapter NR 140 establishes groundwater standards for contaminants that reach groundwater.

Steps to Take:
The longer contamination is left in the environment the farther it can spread and the more it may cost to clean up. Quick action may lessen damage to your property and neighboring properties and reduce your costs in investigating and cleaning up the contamination. To ensure that your cleanup complies with Wisconsin's laws and administrative codes, you should hire a professional environmental consultant who understands what needs to be done. These are the first four steps to take:

1. By 10-10-97, please submit written verification (such as a letter from the consultant) that you have hired an environmental consultant. You will need to work quickly to meet this timeline.

2. By 11-21-97, your consultant must submit a workplan and schedule for the investigation. The consultant must follow the DNR administrative codes and technical guidance documents. Please include with your workplan a copy of any previous information that has been completed (such as an underground tank removal report or a preliminary excavation report).

3. Please inform DNR of what is being done at your site. Submittal requirement timelines depend on the contaminants at the site. As described in Chap. NR 700.11, if the site meets criteria for a "simple site", progress reports must be submitted semi-annually, beginning 6 months from the initial notification date. If the site meets criteria for a "complex site", the site investigation report and a draft remedial options report must be submitted to DNR within 30 days of completion of both reports. Your consultant must clearly document the extent and degree of soil and groundwater contamination and submit a proposal for cleaning it up.

4. For complex sites, per chapter NR 724.13(3), you or your consultant must provide a brief report at least every 90 days, starting after the remediation system begins operation. The reports should summarize the work completed since the last report. Quarterly reports need only include one or two pages of text, plus any relevant maps and tables. However, should conditions at your site warrant, we may require more frequent contacts with the Department.

Due to the number of contaminated sites and our staffing levels in DNR's Southeast Region, we will be unable to provide workplan approvals for investigations or remedial actions. To maintain your compliance with the spills law and chs. NR 700 through NR 728, do not delay the investigation and cleanup of your site by waiting for DNR response. We have provided detailed technical guidance to environmental consultants. Your consultant is expected to know our technical procedures and administrative codes and should be able to answer your questions on meeting cleanup requirements.

Your correspondence and reports regarding this site should be sent to:

Michael Farley, BRR Program Assistant
Wisconsin Department of Natural Resources
Box 12436
4041 N Richards St
Milwaukee WI 53212

Unless otherwise requested, please send only one copy of plans and reports. To speed processing, correspondence should reference the BRRTS and FID numbers shown at the top of this letter.

Information for Site Owners:
Enclosed is a list of environmental consultants and some tips on selecting one. If you are eligible for reimbursement of costs under Wisconsin's PECFA program (see last paragraph) you will need to compare at least three consultants' proposals before hiring a consultant. Consultants and laboratories working in the PECFA program are required to carry errors and omissions insurance to help protect you against unsuitable work. Also enclosed are materials on controlling costs, understanding the cleanup process, and choosing a site cleanup method. Please read this information carefully.

If you are interested in obtaining the protection of limited liability under s. 292, Stats., please call 1-800-367-6076 in DNR's Madison office for more information. The liability exemption under s. 292 Stats., is available to persons who meet the definition of "purchaser" in s. 292 and receive DNR approval for the response actions taken at the property undergoing cleanup. DNR will determine eligibility for this program on a case-by-case basis, prior to the "purchaser" developing a scope of work for conducting a ch. NR 716 site investigation.

Financial Information:
Reimbursement from the Petroleum Environmental Cleanup Fund (PECFA) is available for the costs of cleaning up contamination from eligible petroleum storage tanks. The fund is administered by the Department of Industry, Labor, and Human Relations (DILHR). Please contact DILHR at (608) 266-2424 for more information on eligibility and regulations for this program.

Thank you for your cooperation.

Sincerely,

Michael G. Farley
Program Assistant
414-229-0808

cc: Joe Michaelchuck, EA

Department of Natural Resources

BRRTS CASE TRACKING FORM

Type of Case: LUST__ ERP__ 453M__ 453P__ SER Form #1 July 1, 1997

ACTIVITY NO.: 03-41-169385 FID NO.: 241931910

County: [illegible]
Site Name: [illegible]
Address: 5821-5835 W. Silver Spring
Municipality: Milw.
Legal Desc.: NW 1/4 NW 1/4 Sec 35 Tn 8N Rng 21 E
Lat.: _____ Long.: _____

Initial Contact Date: 8/__/__
Send RP Letter ? Y X N__ Date Mailed: 8/27/97
Closure Date: __/__/__
Person/Firm Reporting: Joe Michaelchuck, Envir. Assc. PO Box 136 Thiensville 53092
Phone: (414) 242-1088

PRIORITY:
- ___ High
- ___ Medium
- ___ Low
- X Unknown

IS THIS LUST CASE FEDERALLY FUNDED? Y__ N X

FUNDING SOURCE:
- X RP
- ___ LTF
- ___ EF
- ___ SF
- ___ None
- ___ Other (describe below)
- ___ EPA Emergency Response

ENFORCEMENT AUTHORITY:
- X Spill Law s. 292.11 Wis. Stats.
- ___ Envir. Repair Law s. 292.31 Wis. Stats.
- ___ Solid Waste NR 500
- ___ CERCLA
- ___ Aband. Container s. 292.41 Wis. Stats.
- ___ Other: _____
- ___ Wastewater (lagoons)
- ___ Haz Waste NR600

PROGRAMS INVOLVED: (L = Lead, S = Support)

- ___ Abandoned Containers
- X LUST
- ___ NR 600 Hazardous Waste
- ___ NR 500 Solid Waste
- ___ Spills
- ___ Superfund
- ___ Water Supply
- ___ Water Resources
- ___ Environmental Repair
- ___ DATCP
- ___ DCOM
- ___ CODE 76

RESPONSIBLE PARTY is a __Company or a X Person
Company Name: _____
Contact Person: Fred Weiss / Sara Weiss
Address: PO Box 17376
Milw 53217
Phone: ( ) 351-4248
CC: _____

CONSULTANT:
Company Name: see above
Contact Name: _____
Address: _____
Phone: ( ) _____
CC: (EG: lab) _____

IMPACTS: (enter P for potential, K for known)
- ___ Fire/Explosion Threat
- ___ Contaminated Private Well(s) ____ No. of Wells
- ___ Contaminated Public Well
- P Groundwater Contamination
- K Soil Contamination
- ___ Surface Water Impacts
- ___ Free Product
- ___ Storm Sewer Contam.
- ___ Sanitary Sewer Contam.
- ___ Air Contamination
- ___ Direct Contact
- ___ Concrete/Asphalt
- ___ Contained/Recovered
- ___ Other: _____

NEW FOLDER? Y X N__

YOUR INITIALS PC

SUBSTANCES:

	#Tanks/containers	Size
___ Leaded Gas		
___ Unleaded Gas		
___ Diesel		
X Fuel Oil	2	1000
~~Unknown Hydrocbn~~	1	550
___ Waste Oil		
___ Metals		
___ RCRA Haz. Waste		
___ VOCs		
___ Chlorinated Solvent		
___ PCBs		
___ Foundry Sand		
___ Misc. Fill		
___ Pesticides		
___ Leachate		
___ PAHs/SVOCs		
___ Oil & Grease		
___ Other		

entered in BRRTS __/__/__ by _____ (initials)

Wisconsin Department of Natural Resources

Notification of Petroleum Contamination from Underground Storage Tank System

Please complete this form and FAX it to the appropriate DNR contact person listed on the back page of this form immediately upon discovery of a release from an UST system.

TO: DNR, Attn: Mr. Mike Farley
FAX #: (414) 229-0810

1. Name, company, mailing address and phone number of person reporting the discharge:
Joe Michaelchuck, Environmental Associates
P.O. Box 136
Thiensville, WI 53092 Office#: (414) 242-1088

2. Site Information:

Name of site at which discharge occurred (local name of site/business, not responsible party name--unless a residence):

Location (actual street address, not P.O. box; if no street address, describe as precisely as possible, e.g., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60): 5821 – 5835 West Silver Spring Drive

Municipality (city, village, township in which the site is located – not mailing address):
City of Milwaukee

County: Milwaukee

Legal Description: NW 1/4, NW 1/4, Section 35, Tn 8N, Range 21 (?) W

3. Responsible Party (RP) and/or RP Representative Information

Company Name:

Contact Person: Mr. Fred Wein / Ms. Sara Wein

Mailing Address (with zip code):
P.O. Box 17396
Milwaukee, WI. 53217

Telephone Number: (414) 351-4248

4. Identity, physical state and quantity of the hazardous substance discharged (check all that apply):

___ Unleaded gasoline
___ Leaded gasoline
___ Diesel
X Fuel oil
___ Waste oil
___ Other

5. Impacts to the environment (enter "K" for known or "P" for potential for all that apply :

___ Fire/explosion threat	K Soil contamination
___ Contaminated private wells (# of wells)___	___ Surface water impacts
___ Contaminated public wells	___ Floating product
P Groundwater contamination	___ Other___

6. Contamination was discovered as a result of:

X Tank closure assessment ___ Site assessment ___ Othe___

On what date: June 26 and June 27, 1997

Additional Comments:

A total of 3 tanks were utilized by the strip mall. A 1,000 gallon fuel oil tank (tank #1) was removed from the site on June 26, 1997. A 550 gallon fuel oil tank (tank #2) and a 1,000 gallon fuel oil tank (tank #3) were uncovered but abandoned in place when it was discovered that they could not be removed without damaging the City of Milwaukee sidewalk on West Sheridan Avenue.

Soil samples were collected from the tank beds of the three tanks. These soil analytical data are included for your review.

FAX numbers to report LUST sites in DNR's six districts:

Lake Michigan District: 414-492-5859 Attention: Janis DeBrock
(Florence, Marinette, Oconto, Menominee, Shawano, Waupaca, Outagamie, Brown, Door, Kewaunee, Waushara, Winnebago, Calumet and Manitowoc Counties)

North Central District: 715-365-8932 Attention: Janet Kazda
(Vilas, Oneida, Forest, Lincoln, Langlade, Marathon, Wood, Portage, Juneau, and Adams Counties)

Northwest District: 715-635-4105 Attention: Susie Sutton
(Douglas, Bayfield, Ashland, Iron, Burnett, Washburn, Sawyer, Price, Polk, Barron, Rusk and Taylor Counties)

Southern District: 608-275-3338 Attention: Marilyn Jalinke
(Marquette, Green Lake, Richland, Sauk, Fond du Lac, Columbia, Dodge, Dane, Jefferson, Grant, Iowa, Lafayette, Green and Rock Counties)

Southeast District: 414-229-0810 Attention: Giselle Red
(Sheboygan, Washington, Ozaukee, Waukesha, Milwaukee, Walworth, Racine, and Kenosha Counties)

Western District: 715-839-6076 Attention: John Grump
(St. Croix, Dunn, Chippewa, Pierce, Pepin, Eau Claire, Clark, Buffalo, Trempealeau, Jackson, LaCrosse, Monroe, Vernon and Crawford Counties)

Analytical Laboratory
1080 Kennedy Ave. Kimberly, WI 54136
414-735-8285

WI DNR Certified Lab #445027660

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Project #: 97-035-0-002
Project : Wein Property
Sample ID: Tank #1
Lab Code: 501761-A
Sample Type: Soil
Sample Date: 28-Jul-97

Report Date: 11-Jul-97

Test	Result	LOD	LOQ	Unit	Dilution Factor	Date Analyzed	Analyzed By	QC Code
TOTAL SOLIDS	82.4			%		03-Jul-97	S.Dequaine	1
MODIFIED DRO WDNR SEP 86	< 10	1.7	5.6	MG/KG	1	10-Jul-97	D. Menominee	1

LOD = Limit of Detection LOQ = Limit of Quantitation

QC SUMMARY

CODE:

1 All laboratory QC requirements were met for this sample.

Authorized Signature _____

992

U.S. Oil Co., Inc.

Analytical Laboratory
1000 Kennedy Ave. Kimberly, WI 54136
414-735-6285

WI DNR Certified Lab #445027660

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Project #: 97-035-0-002
Project : Wein Property
Sample ID: Tank #2
Lab Code: 501761 (E)
Sample Type: Soil
Sample Date: 27-Jun-97

Report Date: 11-Jul-97

Test	Result	LOD	LOQ	Unit	Dilution Factor	Date Analyzed	Analyzed By	QC Code
TOTAL SOLIDS	81.8			%		03-Jul-97	S.Dequaine	1
MODIFIED DRO WDNR SEP 95	460	1.7	5.5	MG/KG	1	10-Jul-97	D. Menominee	1

LOD = Limit of Detection LOQ = Limit of Quantitation

QC SUMMARY

CODE:

1 All laboratory QC requirements were met for this sample.

Authorized Signature _____

U.S. u.s. oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
414-735-8295

WI DNR Certified Lab #445027660

JOE MICHAELCHUCK
ENVIRONMENTAL ASSOCIATES INC
PO BOX 136
THIENSVILLE WI 53092

Report Date: 11-Jul-97

Project #: 97-035-0-002
Project : Wein Property
Sample ID: Tank #3
Lab Code: 501761-C
Sample Type: Soil
Sample Date: 27-Jun-97

Test	Result	LOD	LOQ	Unit	Dilution Factor	Date Analyzed	Analyzed By:	QC Code
TOTAL SOLIDS	81.4			%		03-Jul-97	S.Dequaine	1
MODIFIED DRO WDNR SEP 95	1800	34	110	MG/KG	20	10-Jul-97	D. Menominee	1

LOD = Limit of Detection LOQ = Limit of Quantitation

QC SUMMARY

CODE:

1 All laboratory QC requirements were met for this sample.

Authorized Signature _____

CHAIN OF CUSTODY RECORD

Analytical Lab
1090 Kennedy Ave. Kimberly, WI 54136
(414) 735-8295 • FAX 414-739-1738 • 800-490-4902
USALAB@AOL.COM

Rev. Date: 2-19-9

Chain # 7764

Page 1 of 1

Lab I.D. #

Account No. : Quote No.:

Project #: 97-05540-002

Sampler: (signature) [illegible]

Project (Name / Location) [illegible]

Reports To: [illegible] Invoice To: [illegible]

Company: [illegible] Company: [illegible]

Address: P.O. Box 136 Address: P.O. Box 136

City State Zip: [illegible] City State Zip: [illegible]

Phone: (414) 242-1088 Phone: (414) 242-1088

Sample Integrity - To completed by receiving lab.

Method of Shipment : _____ Temp. of Temp. Blank. ____ °C On Ice: ____

Cooler seal intact upon receipt: ____ Yes ____ No

Sample Handling Request

___ Rush Analysis Date Required ____

X Normal Turn Around

Analysis Requested

Lab I.D.	Sample I.D.	Collection Date	Collection Time	No. of Containers Size and Type	Description Water	Description Soil	Description Other (specify)	Preservation	DRO (Mod/TPH)	GRO (Mod/TPH)	PVOC (EPA 8020)	BTEX (EPA 8020)	VOC (EPA 8021)	O&G (EPA 413.1)	PAH (EPA 8310)	Pb	Flash Point	Other Analysis	PID/ FID
	Tank #1	1/27/97	11:40	2 [illegible]		X		ICE	X										
	Tank #2	1/27/97	11:15	↓		X		↓	X										
	Tank #3	1/27/97	11:35			X			X										

Department Use Only

Spill Samples: Offered ? ____ Yes ____ No

Accepted? ____ Yes ____ No

Accepted By: _____

Comments/ Special Instructions (See reverse side for important reminders)

Department Use Optional for Soil Samples

Disposition of unused portion of sample

Lab Should:

____ Dispose ____ Retain for ___ days

Return Other

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
[illegible]	[illegible]		[illegible]	[illegible]	1/28/97

Received in Laboratory By: Date: Time:

08/06/97 13:25 ENVIRONMENTAL ASSOCIATES → 2290810 NO.533 P006