

O M ENTERPRISES, INC.

124 West Scott Street
Fond du Lac, WI 54935-2270

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September 9, 2022

Mr. John T. Hunt
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
101 Ogden Road
Peshtigo, WI 54157

Subject: BP Gas Station, 4751 N. Santa Monica Blvd., Milwaukee, WI
BRRTS #: 03-41-589630
Site Investigation Work Plan

Dear Mr. Hunt:

The BP Gas Station/Former Clark Gas Station (Closed-LUST-BRRTS # 03-41-000450) is located at 4751 N Santa Monica Blvd., Milwaukee, WI.

OM Enterprises, Inc. has proposed to advance four soil borings for the BRRTS #: 03-41-589630. The soil borings will be converted into the groundwater monitoring well. The locations of the soil borings and monitoring wells have been shown on **Figure 1**.

Thank you for your cooperation.

Sincerely,

O M ENTERPRISES, INC.

Raghu B. Singh
Raghu B. Singh, Ph. D.
Environmental Professional
40 CFR § 312.10 (b)

Sunita Singh
Sunita Singh, M. Sc.
Environmental Professional
40 CFR § 312.10 (b)

Encl: Figure 1: Locations of Proposed Soil Borings and Monitoring Wells
Site Investigation Work Plan

CC: Mr. Amin Bhimani/Responsible Party / AYSS786@gmail.com



East Hampton Avenue

One Hour Martinizing
285 E. Hampton Avenue
(Former Gas Station)
BRRTS # 03-41-002225
Closed : 03-01-2017

One Hour Martinizing
285 E. Hampton Avenue
(Now Dry Cleaning Site)
BRRTS # 02-41- 543260
Wells Abandoned on 6/17/22 & 8/5/22

Shover's Realty
4771 N. Santa Monica Blvd.
B-7/MW-5 for Clark Oil
(Abandoned)

Alley

Manhole

B-1/MW-1 for Clark Oil
(Abandoned)

MW-4
(Proposed)

Area Excavated During
Tank Installation

NEW TANK (21-K) INSTALLED ON 3/24/22

15-K
Regular (No Premium)

6-K
Regular
Premium

MW-3 (Proposed)

Tank Sump Well

BP Gas Station

BRRTS # 03-41-589630

Pump Island

Pump Island

CANOPY

Pump Island

Pump Island

MW-1
(Proposed)

MW-2 (Proposed)

Park

Santa Monica Blvd.

Figure 1: Locations of Proposed Soil Borings and Monitoring Wells

Site Clark Gas Station 4751 N Santa Monica Blvd. Milwaukee, WI 53211	Consultant OM Enterprises, Inc. 124 W Scott Street Fond du Lac, WI 54935	NOT TO SCALE 	Project # 3062 Date 07/24/2022	Legend	
				Monitoring Well	Soil Boring

SITE INVESTIGATION WORK PLAN

**Wisconsin Administrative Code § NR 716
ASTM International Designation: E1903 – 19**

SUBJECT PROPERTY

4751 N. Santa Monica Blvd.
Milwaukee, WI 53211
Parcel #: 234-0012-100

PREPARED FOR

John T. Hunt
Project Manager
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
101 Ogden Road
Peshtigo, WI 54157

BRRTS NUMBER

03-41-589630

PREPARED BY

O M ENTERPRISES, INC
124 W Scott Street
Fond du Lac, WI 54935

DATE

August 26, 2022

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SECTION I

SUMMARY

The BP Gas Station/Former Clark Gas Station (Closed-LUST-BRRTS # 03-41-000450) and PECFA # 53211-1043-5 on January 26, 2010) is located at 4751 N Santa Monica Blvd., Milwaukee, WI 53211. Shover's Realty, 4771 N Santa Monica Blvd., is located to the north of the BP Gas Station.

"One Hour Martinizing" (Former gas station: Closed- LUST-BRRTS # 03-41-002225 on 2017-03-01) and "Current Drycleaning Facility" (Open-ERP-BRRTS # 02-41-5432660) is located to the northwest of the BP Gas Station. The ERP-BRRTS # 02-41-54326 would be closed very soon because the WDNR received the well abandonment forms on August 8, 2022.

Two underground storage tanks, product lines, and three pump islands were removed between March 21, 2022 through March 23, 2022. The petroleum contamination was discovered and notified to the WDNR. The WDNR issued the BRRTS # 03-41-589630.

OM Enterprises, Inc. has proposed to advance four soil borings. The soil borings will be converted into the groundwater monitoring well. The nomenclature and locations of the soil borings and monitoring wells are as follows.

Boring Id.	Borings Depth (~ft.)	Wells Depth (~ft.)	Screen (ft.)	Approximate Location	Rationale/ Comments
B-1	17.5	MW-1 (17.5)	10	East of Canopy	Delineate Plume
B-2	17.5	MW-2 (17.5)	10	South Lot Line	Delineate Plume
B-3	17.5	MW-3 (17.5)	10	West of Canopy	Delineate Plume
B-4	17.5	MW-4 (17.5)	10	North of Canopy	Delineate Plume

SECTION II

SITE ASSESSMENT AND SITE INVESTIGATION

“Site Assessment” has not been defined under the Wis. Admin. Code § ATCP 93.050 (**Ref. 1**). “Tank-System Site Assessment (TSSA)” has been defined under the Code § ATCP 93.050 (117). The “TSSA” process includes the following steps.

- a) Observation of the field conditions (such as stained soils, odors, pitting, holes or cracks in tank system components; observable leaks; and elevated in-field soil-gas readings).
- b) Collection of soil samples for the laboratory testing of petroleum products in accordance with the “Tank System Assessment: A Guide to the Assessment and Reporting of Suspected or Obvious Releases from Underground and Aboveground Storage Tank Systems” [(ERS-10874 (R.07/2013 **Ref. 2**)).
- c) The owner or operator or a person who causes it shall immediately report any release of a regulated substance to the WDNR, Wis. Statute § 292.11 (**Ref. 3**).

2.1 EPA’s Site Assessment (<https://epa.gov/norwood>)

The first step of the site assessment (SA) process is known as a preliminary assessment (PA). This assessment gathers historical and other readily available information on the site conditions and surroundings to evaluate whether the site poses a potential threat to human health and the environment and/or whether investigation is needed. Environmental samples are rarely collected during a preliminary assessment (<https://epa.gov/norwood>).

2.2 EPA’s Site Investigation (<https://epa.gov/norwood>)

The site investigation (SI) builds on the information gathered in the preliminary assessment (PA). EPA conducts a site investigation (SI) to determine whether the potential threat or threats identified in the preliminary assessment (PA) actually-exist. The SI includes the collection of environmental samples from areas identified in the preliminary assessment (PA) that have potential to contain hazardous substances or from areas where hazardous substances are present. The SI also determines whether hazardous substances are being released to the environment and are a threat to human health. Results from this sampling help to determine whether a site warrants short-term or long-term cleanup, or if a site requires no further action (<https://epa.gov/norwood>).

2.3 Site Investigations: Wis. Admin. Code, Chapter NR 716

“Site Investigation” has been defined under § NR 700.03 (57) of the Wisconsin Administrative Code (**Ref. 4**).

“Site Investigation” means an investigation undertaken in conformance with Chapter NR 716: Site Investigations (**Ref. 5**)

2.4 Site Investigations and Phase I Environmental Site Assessment

The Pre-Phase I or scoping or screening step, may be intended to provide a preliminary environmental survey. It may consist of the site visit; observance of the general physical external and internal conditions of the site/building; collecting permits and records related to the use of the site; and interviewing the former/current operators/managers, and former/current owners. The “Site Investigation Scoping” has been described under the Wisconsin Administrative Code NR 716 (**Ref. 5**).

“Phase I Environmental Site Assessment” has been defined under Chapter NR 700.03 (43g) of the Wisconsin administrative Code NR 700 (**Ref. 4**). The Phase I ESA “means an assessment of a site to identify potential or known areas of environmental contamination. The assessment may include reviewing records, interviewing persons, and conducting physical inspection of the site.”

The Phase I ESA is generally considered the first step in the process of environmental due diligence. The sampling of soils, waters, and airs are not required to conduct the Phase I ESA.

The American Society for Testing and Materials (ASTM) International has developed and published “Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. The current ASTM Standard is E1527-21 (**Ref. 6**). The Phase I ESA is the process described in Section 3.2.62 of the ASTM E1527-21 (**Ref. 6**).

2.5 Phase II Environmental Site Assessment

“Phase II Environmental Site Assessment” has been defined under Chapter NR 700.03 (43r) of the Wisconsin administrative Code NR 700 (**Ref. 4**). The Phase II ESA “means an assessment of a site to physically confirm that contamination exists in potential or known areas of environmental contamination identified in the Phase I environmental assessment, but not to determine the nature, degree, and extent of contamination. This assessment may include field sampling, laboratory analysis of samples and visual confirmation of environmental contamination at the site.”

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The American Society for Testing and Materials (ASTM) International has developed and published “Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process. The current ASTM Standard is E1903-19 (**Ref. 7**). The Phase II ESA is the process described in Section 3.1.34 of the ASTM E1903-19 (**Ref. 7**).

Phase II Environmental Site Assessment (Phase II ESA) means an “Environmental Investigation”, which at a minimum, is conducted by an “Environmental Professional” in accordance with the most recently adopted standard for a Phase II ESA process established by ASTM International (**Ref. 8**).

2.6 Environmental Professional, 40 CFR § 312.10 (b)

According to Section 3.1.33 of the ASTM E1903-19 (**Ref. 7**) a “Phase II Assessor” is a person meeting the definition of an “Environmental Professional” as defined in Section 3.2.30 of the ASTM E 1527-21 (**Ref. 6**).

An “Environmental Professional” is a person meeting the education, training, and experience requirements as set forth in 40 CFR §312.10(b). The person may be an independent contractor or an employee of the user (Section 3.2.30 of the ASTM E1527-13). An “Environmental Professional” means:

1. a person who possesses sufficient specific education, training, and experience necessary to exercise professional judgment to develop opinions and conclusions regarding conditions indicative of releases or threatened releases (see § 312.1(c)) on, at, in, or to a property, sufficient to meet the objectives and performance factors in § 312.20 (e) and (f).
2. Such a person must:
 - a) Hold a current Professional Engineer’s or Professional Geologist’s license or registration from a state, tribe, or U.S. territory (or the Commonwealth of Puerto Rico) and have the equivalent of three (3) years of fulltime relevant experience; or
 - b) Be licensed or certified by the federal government, a state, tribe, or U.S. territory (or the Commonwealth of Puerto Rico) to perform environmental inquiries as defined in § 312.21 and have the equivalent of three (3) years of full-time relevant experience; or

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- c) Have a Baccalaureate or higher degree from an accredited institution of higher education in a discipline of engineering or science and the equivalent of five (5) years of full-time relevant experience; or
- d) Have the equivalent of ten (10) years of full-time relevant experience.
- e) A person who does not qualify as an environmental professional under the foregoing definition may assist in the conduct of all appropriate inquiries in accordance with this part if such person is under the supervision or responsible charge of a person meeting the definition of an environmental professional provided above when conducting such activities.
- f) Relevant experience, as used in the definition of environmental professional in this section, means: participation in the performance of all appropriate inquiries investigations, environmental site assessments, or other site investigations that may include environmental analyses, investigations, and remediation which involve the understanding of surface and subsurface environmental conditions and the processes used to evaluate these conditions and for which professional judgment was used to develop opinions regarding conditions indicative of releases or threatened releases.
- g) No practical standard can be designed to eliminate the role of judgment and the value and need for experience in the party performing the inquiry. The professional judgment of an environmental professional is, consequently, vital to the performance of all appropriate inquiries.

SECTION III

INTRODUCTION

3.1 Purpose

The purpose of the Wisconsin Site Investigations/Phase II ESA is to evaluate the presence or absence of the recognized environmental conditions on the site. The purpose of the field investigation [NR 716.11 (3) **Ref. 5**] is as follows.

- (a) Determine the nature, degree, and extents of both aerial and vertical, of the hazardous substances or environmental pollution in all affected media.
- (b) Provide sufficient information to permit evaluation of interim options pursuant to chapter NR 708 (**Ref. 9**), and remedial action options pursuant to chapter NR 722 (**Ref. 10**), and to permit a determination to be made regarding whether any of the interim or remedial action options require a treatability study or other pilot-scale study.
- (c) Provide sufficient information to determine the hydraulic conductivity of materials where contaminated groundwater is found.
- (d) Provide an estimate, along with all necessary supporting information, of the mass of contamination in the source area. This includes sites involving free product or whether natural is considered for part of the remedy.

3.2 Scope of Services

The scope of the site investigation work plan is based on NR 716 and ASTM E1527. The scope includes the following tasks.

- (a) Review of Existing Information/Data
- (b) Field Phase of Site Investigation
- (c) Sampling and Analytical Testing of Soils, Waters, and Airs
- (d) Evaluation of the Filed and Laboratory Test Results
- (e) Evaluation of Remedial Alternatives, if needed
- (f) Submit the Site Investigation Report

3.3 Special Terms and Conditions

The purpose of the site investigation is to identify and specify the environmental conditions (**ECs**), recognized environmental condition (**RECs**), controlled recognized environmental condition (**CRECs**), and *de minimis conditions* (**DMCs**).

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The property is in the use as a gas station and convenience store. The North American Industry Classification System (NAICS) code of a gasoline station with convenience store is 447110. Therefore, an environmental condition (EC) is applicable for the property.

REC: (1) the presence of hazardous substances or petroleum products in, on or at the subject property due to release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment, or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment [**Section 3.2.73 of ASTM E1527-21: Ref. 6**].

CREC: recognized environmental condition affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations): **Section 3.2.17 of ASTM E1527-21: Ref. 6**.

The *de minimis conditions* (DMC) has been defined under **Section 3.2.20 of ASTM E1527-21**. **DMC:** a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

The conditions determined, to be “DMCs” are neither “RECs” nor “CREGs”.

3.4 Limitations and Expectations of Site Investigation

The site investigation shall be conducted in accordance with NR 716.07 and ASTM International Designation E 1527. The environmental site assessment will not wholly eliminate uncertainty regarding the recognized environmental conditions (RECs). Asbestos, radon, lead based paint, lead in the groundwater, biological agents, and mold are outside the scope of NR 716.07. No warranties, expressed or implied, would be applicable to the site investigations.

3.5 Limiting Conditions and Methodology Used

O M Enterprises, Inc. would only rely upon the information and methodology as set forth under NR 716. OM would not attempt to independently verify the accuracy or the completeness of the outside site investigative data.

The available data would be reviewed, presented, and described without any deletions or modifications.

SECTION IV

SITE LAYOUT, OWNERSHIP, AND USE

4.1 Topographic Location, Aerial Photo, and Site Layout

Topographic Location: Part of the NE ¼ of the NE ¼ of Section 05,
Township, 7 North, Range 22 East

Figure 1: USGS 7.5 Minute Topographic Map, 2018

Figure 2: Aerial Photograph, 2020

Figure 3: Site Layout on March 21, 2022

4.2 Address, Parcel Number, Legal Description, and Surrounding Environmentally Conditioned Properties Within One-Mile Radius of Site

Address: 4751 N Santa Monica Blvd., Milwaukee, WI 53211 **Appendix A**

Parcel No: 234-0012-100 (**Appendix: A**).

Legal Description: Certified Survey Map No. 3723 in NE ¼ of SEC 5-7-22
PART OF PARCEL 2 COM SE COR PAR 2-TH NWLY
159.78'-TH N 27.37'-TH E 10'- TH N 68.80'-TH SELY
43.36'-TH E 68'-TH- S 190.94' TO PT OF COM SUBJ
TO EASM'TS E68'
Complete legal description in **Appendix A**

Adjoining Surrounding Environmentally Conditioned Properties Within One Mile
Radius of the BP Gas Station (**Figure 4** through **Figure 6** and **Table 1**)

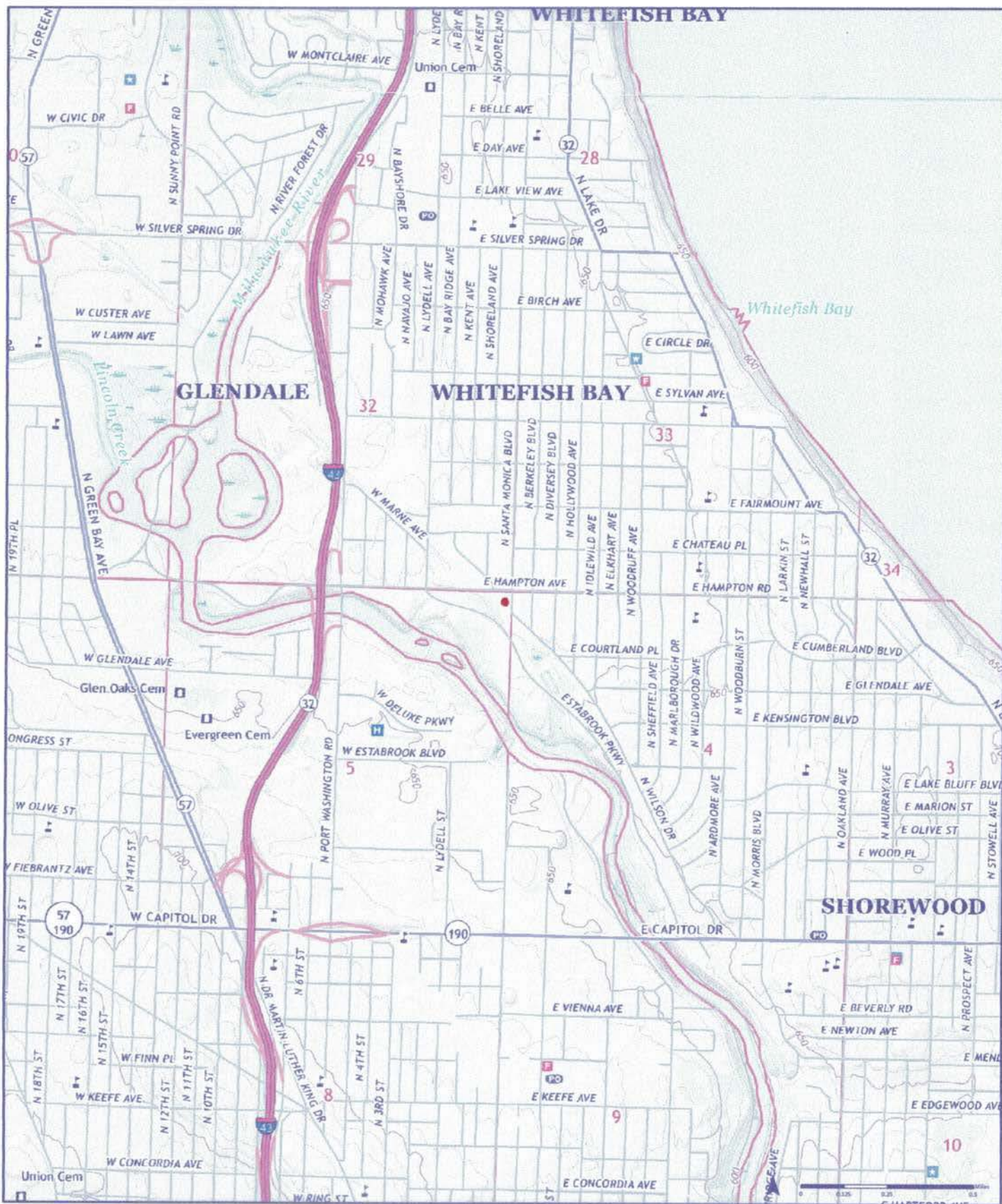
East: North Santa Monica Blvd.
West: Commercial Building
North: Commercial Building
South: Milwaukee County Park

Figure 4: ERIS 0.25 Mile Radius Map

Figure 5: ERIS 0.5 Mile Radius Map

Figure 6: ERIS 1.0 Mile Radius Map

Table 1: Environmentally Conditioned Site Within
0.25 Mile, 0.5 Mile, and 1.0 Mile Radius of the Site



2018

Figure 1: USGS 7.5 Minute Topographic Map, 2018

Quadrangle(s): Milwaukee, WI | Thiensville, WI |

Order No. 22062900202

Source: USGS 7.5 Minute Topographic Map



87°55'W

IV-3

87°54'30"W

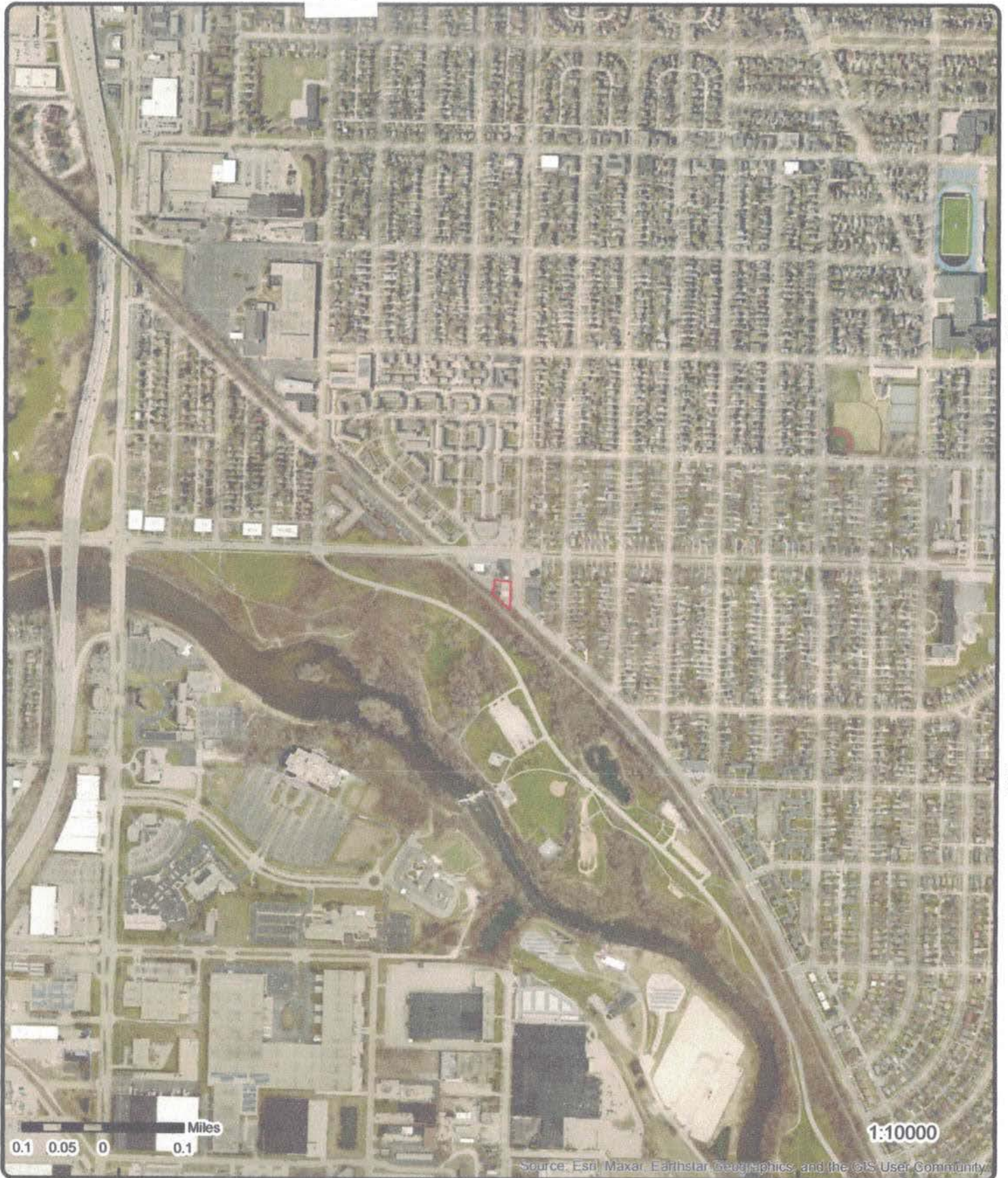
87°54'W

43°6'30"N

43°6'30"N

43°6'N

43°6'N



Aerial Year: 2020

Figure 2: Aerial Photograph, 2020

Order Number: 22062900202

Address: 4751 North Santa Monica Boulevard, Milwaukee, WI



© ERIS Information Inc.

Source: ESRI World Imagery

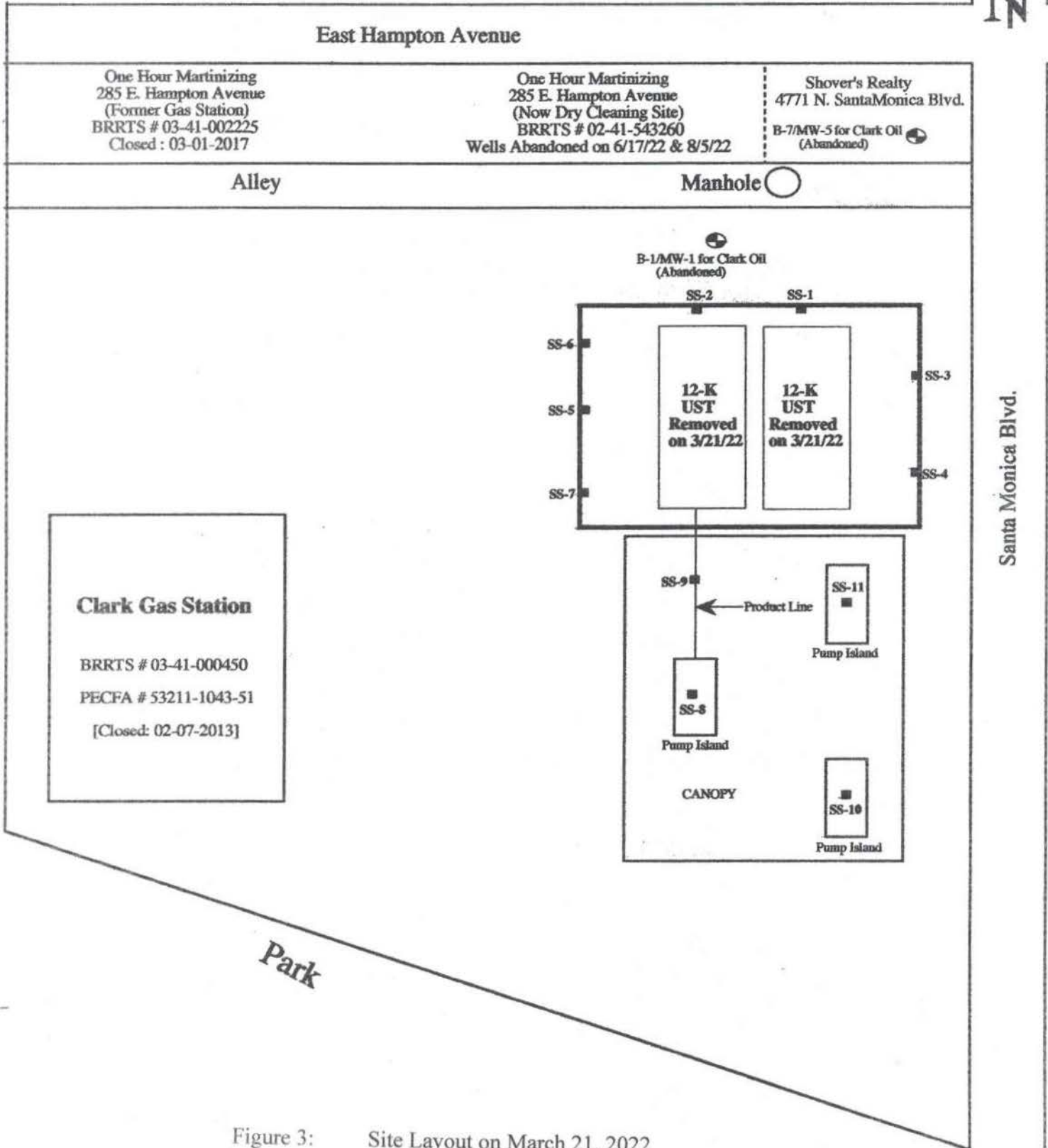
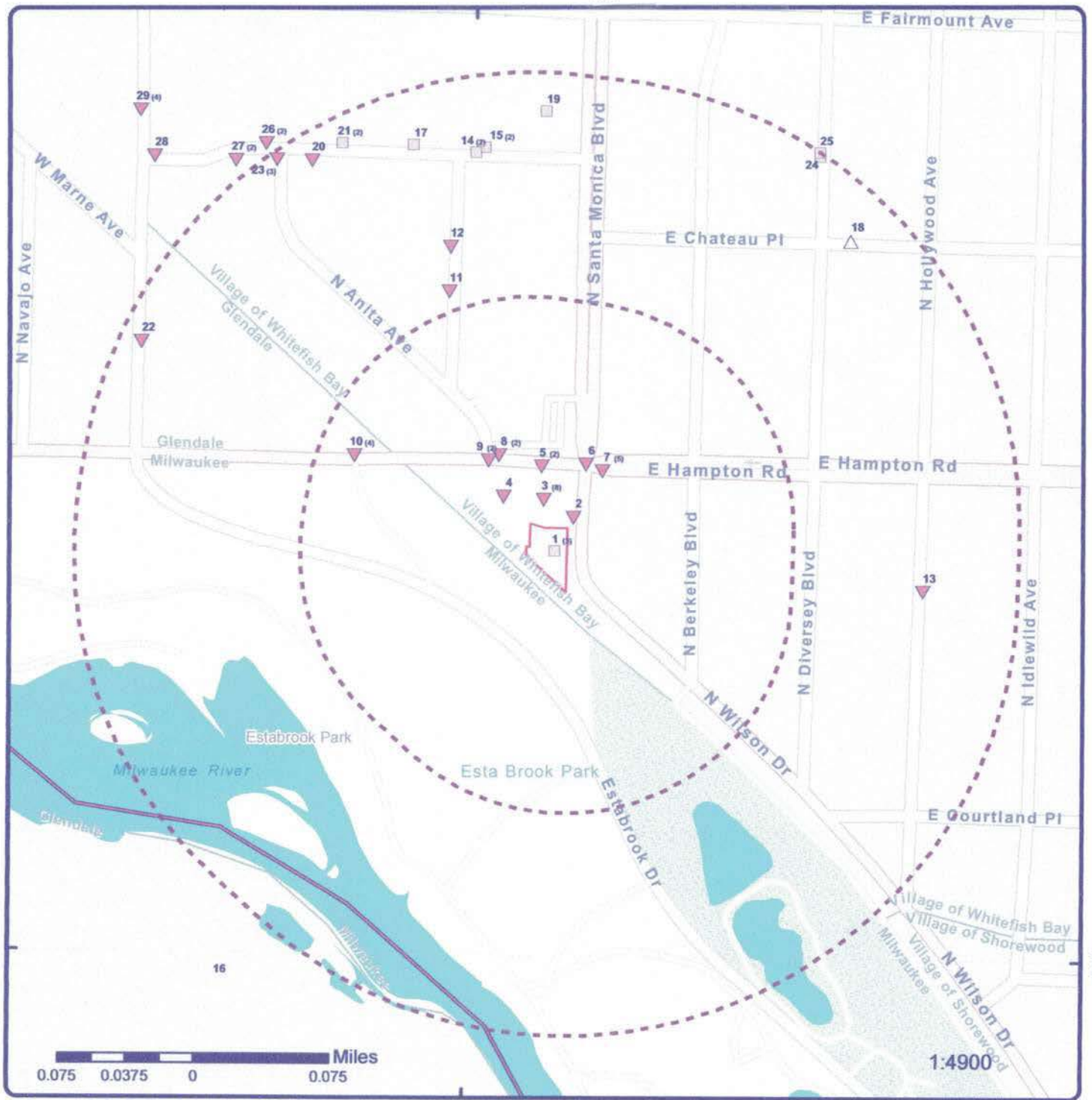


Figure 3: Site Layout on March 21, 2022

<p>Site Clark Gas Station 4751 N Santa Monica Blvd. Milwaukee, WI 53211</p>	<p>Consultant OM Enterprises, Inc. 124 W Scott Street Fond du Lac, WI 54935</p>	<p>NOT TO SCALE</p>	<p>Project # 3062 Date 05/12/2022</p>	<p>Legend</p> <ul style="list-style-type: none"> Monitoring Well Soil Boring Soil Sampling Location Collected During Tank Removal
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Map: 0.25 Mile Radius

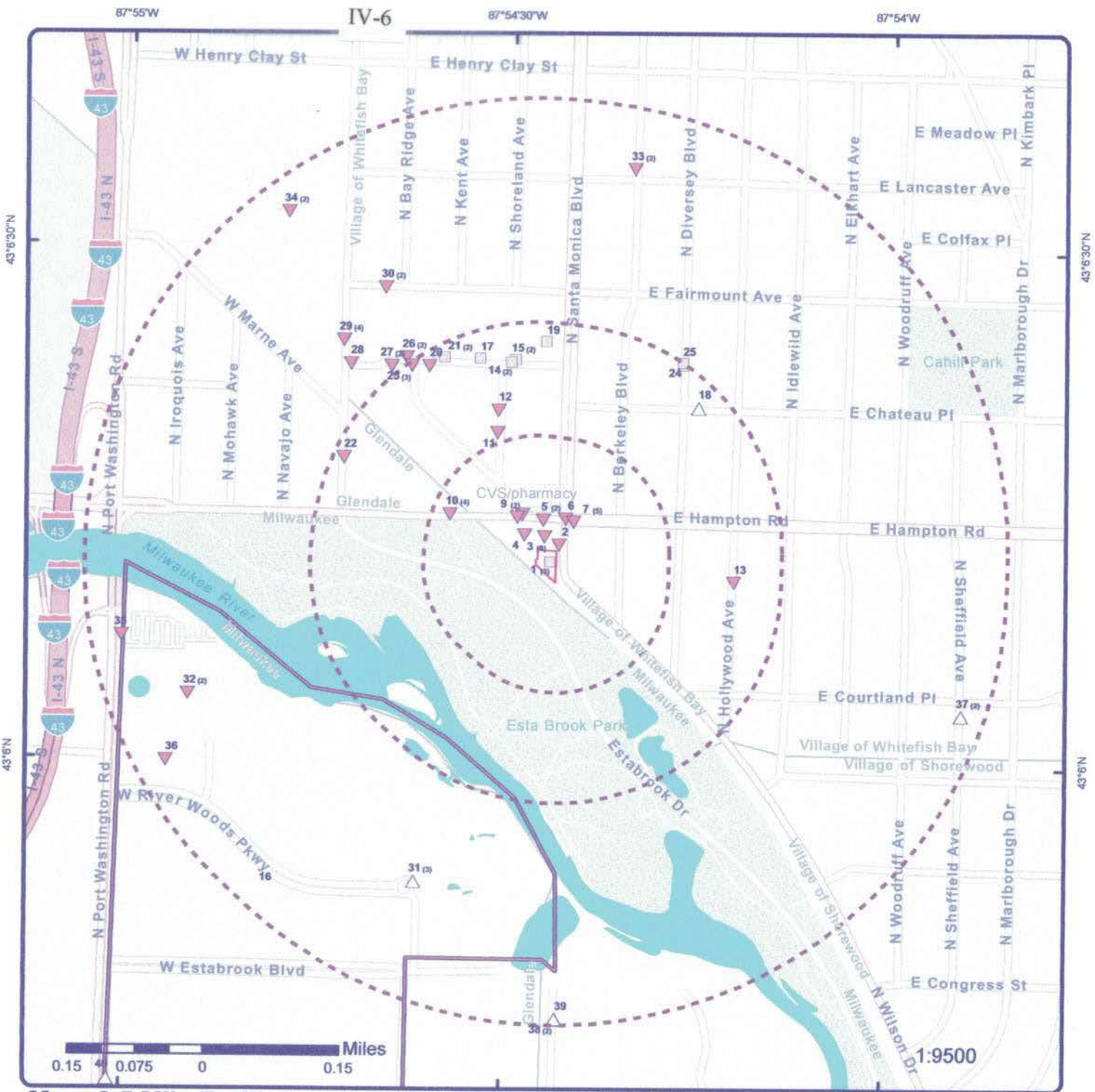
Order Number: 22062900202

Address: 4751 North Santa Monica Boulevard, Milwaukee, WI



- | | | | | |
|-----------------------------------|----------------------|------------------------|---------------------|-------------------------------|
| Project Property | Buffer Outline | Freeways; Highways | State | FWS Special Designation Areas |
| Eris Sites with Higher Elevation | Traffic Circle; Ramp | Major & Minor Arterial | Country | National Wetland |
| Eris Sites with Same Elevation | Traffic Circle; Ramp | Local Road | Plume | Indian Reserve Land |
| Eris Sites with Lower Elevation | Rail | 100 Year Flood Zone | 500 Year Flood Zone | Plume |
| Eris Sites with Unknown Elevation | | | | |
| Eris Areas with Higher Elevation | | | | |
| Eris Areas with Same Elevation | | | | |
| Eris Areas with Lower Elevation | | | | |
| Eris Areas with Unknown Elevation | | | | |

Figure 4: ERIS: 0.25 Mile Radius Map



Map: 0.5 Mile Radius

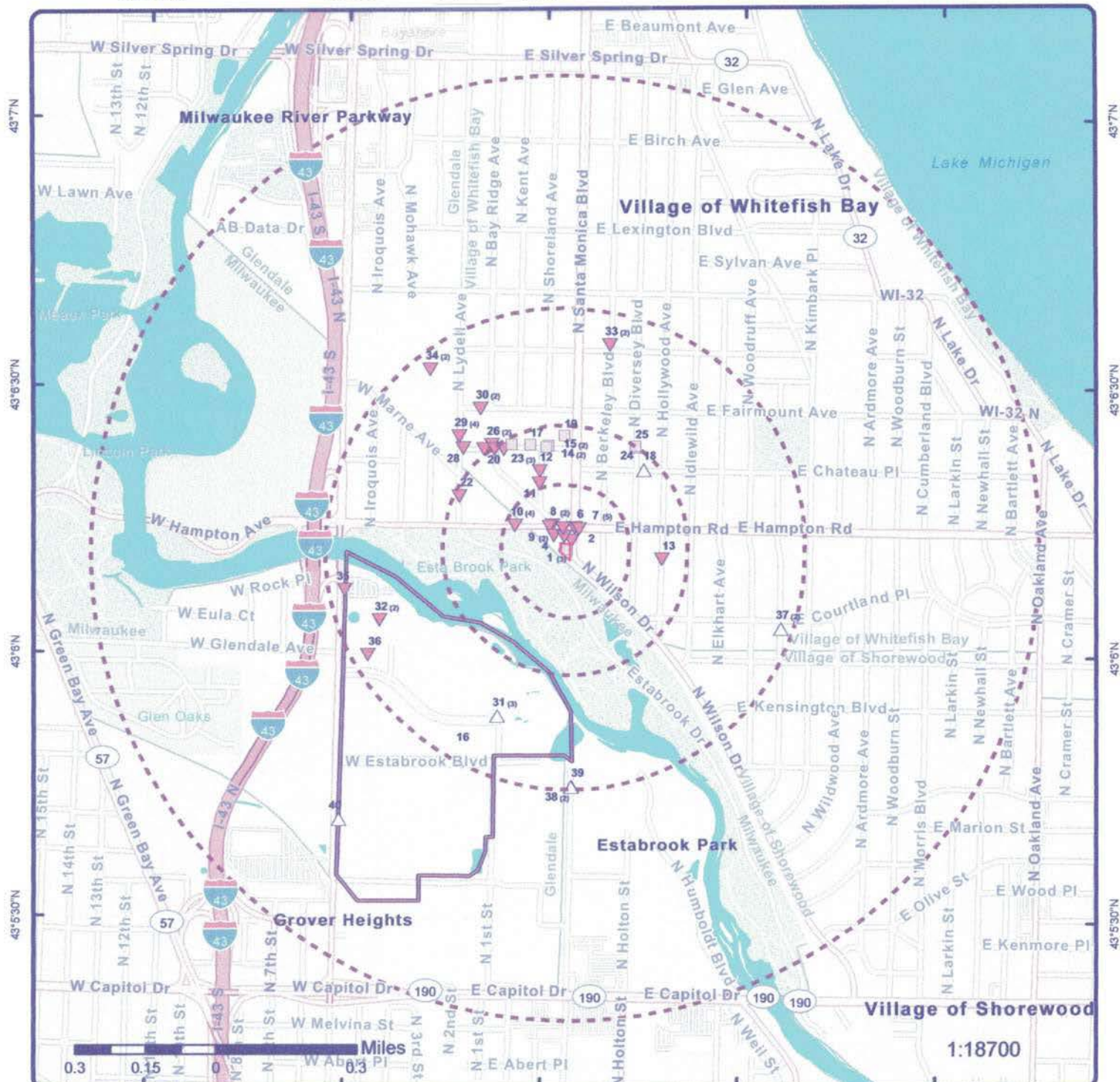
Order Number: 22062900202

Address: 4751 North Santa Monica Boulevard, Milwaukee, WI



- | | | | | |
|-----------------------------------|------------------------|------------------------|------------------|-------------------------------|
| Project Property | Buffer Outline | Freeways; Highways | State | FWS Special Designation Areas |
| Eris Sites with Higher Elevation | Freeways; Highways | Traffic Circle; Ramp | Country | National Wetland |
| Eris Sites with Same Elevation | Traffic Circle; Ramp | Major & Minor Arterial | National Wetland | Indian Reserve Land |
| Eris Sites with Lower Elevation | Major & Minor Arterial | Traffic Circle; Ramp | National Wetland | Plume |
| Eris Sites with Unknown Elevation | Traffic Circle; Ramp | Local Road | National Wetland | 100 Year Flood Zone |
| Eris Areas with Higher Elevation | Local Road | Rail | National Wetland | 500 Year Flood Zone |
| Eris Areas with Same Elevation | Rail | | | |
| Eris Areas with Lower Elevation | | | | |
| Eris Areas with Unknown Elevation | | | | |

Figure 5: ERIS: 0.5 Mile Radius Map



Map: 1.0 Mile Radius

Order Number: 22062900202

Address: 4751 North Santa Monica Boulevard, Milwaukee, WI



- | | | | | | |
|-----------------------------------|---------------------------------|-----------------------------------|------------------------|---------------------|-------------------------------|
| Project Property | Buffer Outline | Eris Sites with Higher Elevation | Freeways; Highways | State | FWS Special Designation Areas |
| Eris Sites with Same Elevation | Eris Sites with Lower Elevation | Eris Sites with Unknown Elevation | Traffic Circle; Ramp | National Wetland | Indian Reserve Land |
| Eris Areas with Higher Elevation | Eris Areas with Same Elevation | Eris Areas with Lower Elevation | Major & Minor Arterial | 100 Year Flood Zone | Plume |
| Eris Areas with Unknown Elevation | Local Road | Rail | Traffic Circle; Ramp | 500 Year Flood Zone | |

Figure 6: ERIS: 1.0 Mile Radius Map

Table 1**Surrounding Environmentally Properties Within 0.25, 0.5, and 1.0 Mile Radius of "Subject Property"****BP Gas Station (Former Clark Gas Station)****4751 N Santa Monica Blvd.****Milwaukee, WI 53211****WDNR-BRRTS # 03-41-589630****IV-8**

Map Key	Database Name	Site Name Name	Site Address	Direction	Distance	Distance	Elevation
					Mile	Feet	Diff. (ft.)
1	LUST	Clark Oil Station # 562	4751 N Santa Monica Blvd.	E	0.00	0.00	0
	CRS	Clark Oil Station # 562	4751 N Santa Monica Blvd.	E	0.00	0.00	0
	UST	Clark of Milwaukee Inc.	4751 N Santa Monica Blvd.	E	0.00	0.00	0
2	FINDS/FRS	Williamsburg	4771 N Santa Monica Blvd.	NE	0.01	34.03	-1
3	RCRA NON-GEN	One Hour Martinizing	285 E Hampton Avenue	N	0.01	76.45	-1
	RCRA VSQG	One Hour Martinizing	285 E Hampton Avenue	N	0.01	76.45	-1
	LUST	One Hour Martinizing	285 E Hampton Avenue	N	0.01	76.45	-1
	ERP	One Hour Martinizing	285 E Hampton Avenue	N	0.01	76.45	-1
	CRS	One Hour Martinizing	285 E Hampton Avenue	N	0.01	76.45	-1
	UST	One Hour Martinizing	285 E Hampton Avenue	N	0.01	76.45	-1
	SHWIS	One Hour Martinizing	285 E Hampton Avenue	N	0.01	76.45	-1
	Dry Cleaning Rem	One Hour Martinizing	285 E Hampton Avenue	N	0.01	76.45	-1
4	Brownfield	Hampton WFB LLC	245-261 E Hampton Avenue	NW	0.02	110.40	-1
5	Dry Cleaners	One Hour Martinizing	285 E Hampton Avenue	N	0.03	167.99	-1
	Fed Dry Cleaners	One Hour Martinizing	285 E Hampton Avenue	N	0.03	167.99	-1
6	SPILLS	Hampton & Santa Monica	Hampton & Santa Monica	NNE	0.04	191.23	-1
7	RCRA VSQG	Harder Standard	303 E Hampton Avenue	NE	0.04	192.53	-1
	LUST	Harder Standard	303 E Hampton Avenue	NE	0.04	192.53	-1
	CRS	Harder Standard	303 E Hampton Avenue	NE	0.04	192.53	-1
	UST	Harder Standard	303 E Hampton Avenue	NE	0.04	192.53	-1
	SHWIS	Harder Standard	303 E Hampton Avenue	NE	0.04	192.53	-1
8	SHWIS	CVS Pharmacy	240 E Hampton Avenue	NW	0.04	217.68	-1
	RCRA VSQG	CVS Pharmacy	240 E Hampton Avenue	NW	0.04	217.68	-1
9	ERP	Bay Village	2864-2894 N Anita Avenue	NW	0.04	218.96	-2
	CRS	Bay Village	2864-2894 N Anita Avenue	NW	0.04	218.96	-2

Table 1
Surrounding Environmentally Properties Within 0.25, 0.5, and 1.0 Mile Radius of "Subject Property"

BP Gas Station (Former Clark Gas Station)

4751 N Santa Monica Blvd.

Milwaukee, WI 53211

WDNR-BRRTS # 03-41-589630

IV-9

Map Key	Database Name	Site Name Name	Site Address	Direction	Distance Mile	Distance Feet	Elevation Diff. (ft.)
10	UST	Amoco Oil	190 W Hampton Avenue	WNW	0.10	551.23	-2
	LUST	Amoco Oil	190 W Hampton Avenue	WNW	0.10	551.23	-2
	AUL	Amoco Oil	190 W Hampton Avenue	WNW	0.10	551.23	-2
	CRS	Amoco Oil	190 W Hampton Avenue	WNW	0.10	551.23	-2
11	Brownfields	Bay Village	4865-4895 N Shoreland Ave.	NNW	0.14	714.61	-1
12	Brownfields	Bay Village	4901-4931 N Shoreland Ave.	NNW	0.16	837.80	-1
13	UST	Joanne Beecher	4766 N Hollywood	E	0.20	1041.10	-2
14	ERP	Bay Village Apartments	240 E Chateau Place	NNW	0.21	1095.10	0
	CRS	Bay Village Apartments	240 E Chateau Place	NNW	0.21	1095.10	0
15	CRS	Bay Village Apartments	216-246 E Chateau Place	NNW	0.21	1106.01	0
	ERP	Bay Village Apartments	216-246 E Chateau Place	NNW	0.21	1106.01	0
16	FUDS	Milwaukee OP	Milwaukee	SW	0.21	1124.85	-34
17	Brownfields	Bay Village Subdivision	164-214 E Chateau Place	NNW	0.22	1158.24	0
18	UST	M Sandra Casper	500 E Chateau Place	NE	0.22	1172.64	1
19	Delisted LST	Bay Village Subdivision	216-246 E Chateau Place	N	0.23	1206.22	0
20	Brownfields	Bay Village Subdivision	115-145 E Chateau Place	NW	0.23	1237.04	-2
21	ERP	Bay Village Subdivision	132-162 E Chateau Place	NW	0.24	1241.44	0
	CRS	Bay Village Subdivision	132-162 E Chateau Place	NW	0.24	1241.44	0
22	UST	Parkside Management Co.	4848 N Lydall Avenue	WNW	0.24	1253.60	-4
23	Brownfields	Bay Village Subdivision	4801-4831 N Anita Avenue	NW	0.25	1295.10	-2
	Brownfields	Bay Village Subdivision	4865-4895 N Anita Avenue	NW	0.25	1295.10	-2
	Brownfields	Bay Village Subdivision	4833-4863 N Anita Avenue	NW	0.25	1295.10	-2
24	UST	Barbara O Donnell	4937 N Diversey	NE	0.25	1307.76	0
25	UST	John Creech	4931 N Diversey	NE	0.25	1318.56	0
26	CRS	Bay Village Subdivision	100-130 E Chateau Pl.	NW	0.26	1352.37	-1
	ERP	Bay Village Subdivision	100-130 E Chateau Pl.	NW	0.26	1352.37	-1

Table 1
Surrounding Environmentally Properties Within 0.25, 0.5, and 1.0 Mile Radius of "Subject Property"

BP Gas Station (Former Clark Gas Station)

4751 N Santa Monica Blvd.

Milwaukee, WI 53211

WDNR-BRRTS # 03-41-589630

IV-10

Map Key	Database Name	Site Name Name	Site Address	Direction	Distance Mile	Distance Feet	Elevation Diff. (ft.)
27	CRS	Bay Village Subdivision	100-130 E Chateau Pl.	NW	0.26	1365.69	-4
	ERP	Bay Village Subdivision	100-130 E Chateau Pl.	NW	0.26	1365.69	-4
28	Brownfields	Bay Village Subdivision	100-130 E Chateau Pl.	NW	0.29	1535.17	-2
29	Brownfields	4927-4929 N Lydall Avenue	4927-4929 N Lydall Avenue	NW	0.31	1661.36	-2
	Delisted LST	4927-4929 N Lydall Avenue	4927-4929 N Lydall Avenue	NW	0.31	1661.36	-2
	CRS	4927-4929 N Lydall Avenue	4927-4929 N Lydall Avenue	NW	0.31	1661.36	-2
	ERP	4927-4929 N Lydall Avenue	4927-4929 N Lydall Avenue	NW	0.31	1661.36	-2
30	LUST	Whitefish Bay Village	155 W Fairmount Avenue	NW	0.33	1764.53	-4
	CRS	Whitefish Bay Village	155 W Fairmount Avenue	NW	0.33	1764.53	-4
31	ERP	100 W River Woods PKWY	100 W River Woods PKWY	SSW	0.37	1964.35	3
	CRS	100 W River Woods PKWY	100 W River Woods PKWY	SSW	0.37	1964.35	3
	Brownfields	100 W River Woods PKWY	100 W River Woods PKWY	SSW	0.37	1964.35	3
32	LUST	Hunter Business Direct	4650 N Port Washington Road	WSW	0.41	2175.15	-8
	CRS	Hunter Business Direct	4650 N Port Washington Road	WSW	0.41	2175.15	-8
33	LUST	Malacrida Residence	5107 N Berkley Blvd.	NNE	0.43	2272.88	-2
	CRS	Malacrida Residence	5107 N Berkley Blvd.	NNE	0.43	2272.88	-2
34	VCP	Oster Sunbeam Appliance	5055 N Lydall Avenue	NW	0.46	2447.11	-3
	ERP	Oster Sunbeam Appliance	5055 N Lydall Avenue	NW	0.46	2447.11	-3
35	Delisted LST	4700 N Port Washington	4700 N Port Washington	W	0.47	2457.29	-12
36	HIST LF	Schlitz Terminal	WI	WSW	0.47	2458.54	-4
37	LUST	Ivan Steinhart	4640 N Sheffield Avenue	ESE	0.47	2502.81	3
	CRS	Ivan Steinhart	4640 N Sheffield Avenue	ESE	0.47	2502.81	3
38	CRS	Charles Bu colt Real Estate	4390 N Richards Street	S	0.49	2601.83	1
	ERP	Charles Bu colt Real Estate	4390 N Richards Street	S	0.49	2601.83	1
39	Delisted LST	Charles Bu colt Real Estate	4390 N Richards Street	S	0.49	2605.91	1
40	RCRA CORRACTS	Glendale Tech. Center	4300 N Port Washington Rosd	SW	0.75	3944.74	13

Table 1
Surrounding Environmentally Properties Within 0.25, 0.5, and 1.0 Mile Radius of "Subject Property"

BP Gas Station (Former Clark Gas Station)
4751 N Santa Monica Blvd.
Milwaukee, WI 53211
WDNR-BRRTS # 03-41-589630
IV-11

Environmental Records Definitions		
Database	Database Descripting	Source
RCRA-VSQG	RCRA-Very Small Quantity Generator	Federal
LUST	Leaking Underground Storage Tanks	State
FINDS/FRS	Facility Registry Service/Facility Index	Federal
CRS	Closed Remedial Sites	State
UST	Underground Storage Tanks	State
SHWIMS	Solid and Hazardous Waste Information Management System	State
AST	Aboveground Storage Tanks	State
SPILLS	Spills	State
RCRA-NON GEN	RCRA-Non Generator	Federal
BROWNFIELDS	Brownfields	State
ERP	Environmental Repair	State
DELISTED BRRT	Delisted BRRTS Number	State
TIER 2 Report	Tier 2 Facilities, Military Affairs/Emergency Management Division	State
AG SPILL REMED	Agricultural Spill Remediation	State
DELISTED LST	Delisted Leaking Tanks	State
RCRA CORRACTS	Corrective Actions	Federal
MRDS	Mineral Resources Data System	Federal
PROPOSED NPL	National Priority List	Federal
AUL		
VCP		
HIST LF		
Dry C Rem		
Drycleaners		
Fed Drycleaners		

IV-12

4.3 Property Ownership, Contact Information, and Current Use

Type of Instrument: Trustee's Deed (**Appendix: A**)

Trustee/Grantor: Meta K. Gardner and her successors as Trustee
the of the Meta K. Gardner Survivor's Trust
dated April 17, 2001 **Appendix: A**

Grantee: A & J Swan LLC **Appendix: A**

Deed Dated: 17th day of September 2008
Deed Recorded: 1st day of October 2008 at 2.33 pm
Instrument: 09655654

Owner: A & J Swan, LLC (Lessor)
C/O Clark Milwaukee, Inc. (Lessee)

Owner's Contact: Amin Bhimani

Contact Phone: (847) – 477 – 1844

Contact E-mail: AYSS786@gmail.com

The property is in use as a BP Gas Station and convenience stores.

SECTION V
PHYSICAL SETTING AND WATER WELL MAPS

5.1 Coordinates

Latitude	43.10329717
Longitude	-87.90745098
UTM Northing	4772685.45975 Meters
UTM Easting	426158.981326 Meters
UTM Zone	UTM Zone 16T
Elevation	643.06 feet, MSL
Slope Direction	Northeast

Figure 7 Topographic Information Map

5.2 Hydrogeologic Information

Wetland	No
Flood Zone	X-12
Zone	X
Zone Subtype	Area of Minimal Flood Zone Hazard

Figure 8: ERIS Wetland
Figure 9: Flood Hazard Zones

5.3 Geologic Information

Geologic Unit:	Dt
Unit Name	Traverse Group
Unit Age	Middle Devonian
Primary Rock Type	Limestone
Secondary Rock Type	Shale
Unit Description:	Traverse Group

Figure 10: ERIS: Geologic Units

5.4 Soil Information

Map Unit	UA (97.89%)
Map Unit Name	Unmapped Area
No more attributes for this map unit	
Component Description:	
Minor map unit components are excluded from this report.	

Topographic Information

The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

Elevation: 643.06 ft
Slope Direction: NE

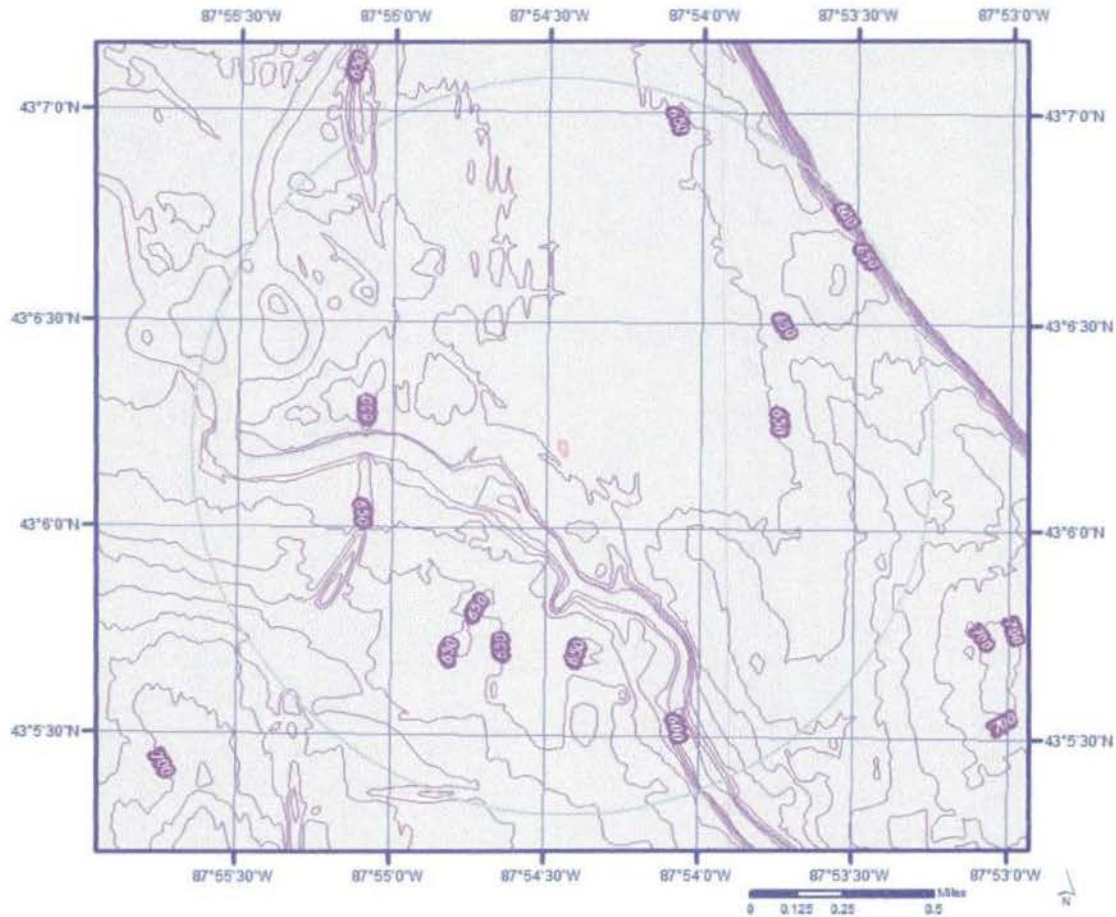
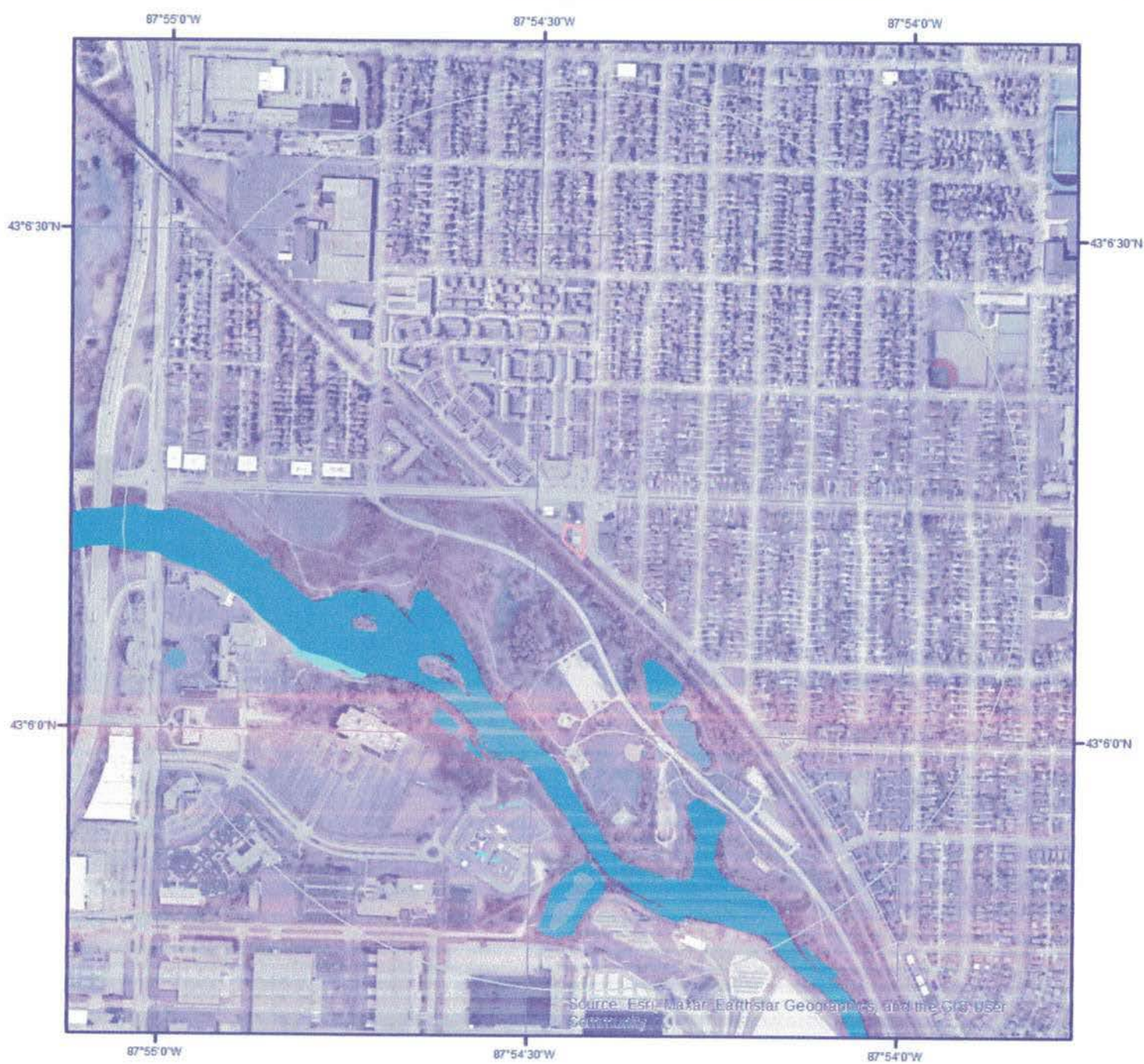


Figure 7: ERIS: Topographic Information Map

Hydrologic Information



Source: ESRI, Maxar, Earthstar Geographics, and the GIS User Community

Wetland



This map shows wetland existence using data from US Fish & Wildlife. Data coverage is shown to the right. Gray indicates no data available in the area.









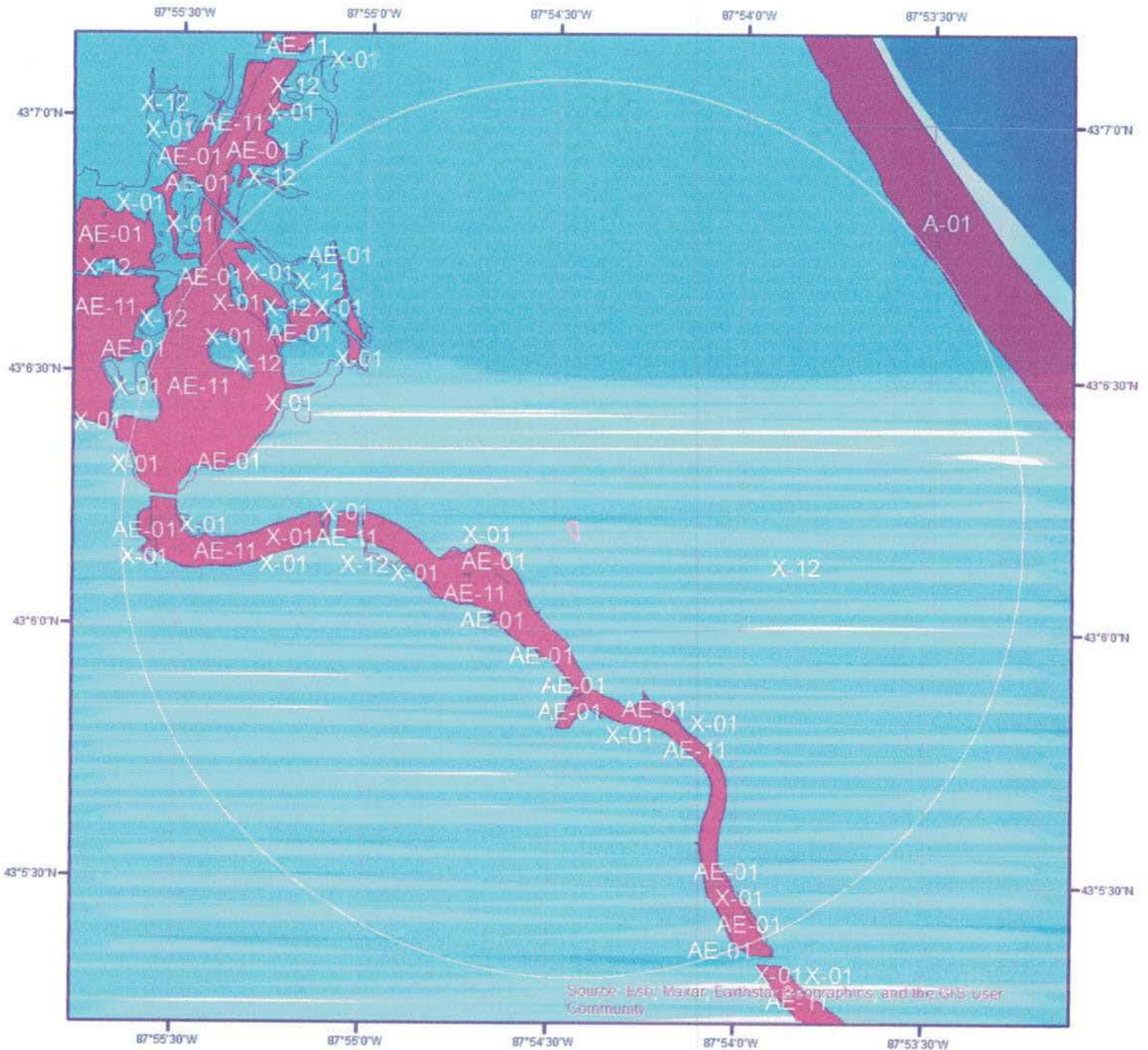
- | | |
|---|---|
|  Estuarine and Marine Deepwater |  Freshwater Pond |
|  Estuarine and Marine Wetland |  Lake |
|  Freshwater Emergent Wetland |  Other |
|  Freshwater Forested/Shrub Wetland |  Riverine |



Figure 8: ERIS: Wetland

Hydrologic Information



Flood Hazard Zones

This map shows FEMA flood hazard zones. FIRM panels are shown to the right, and blank indicates no data is available.

		
A	AO	X
		
A99	V	OPEN WATER
		
AE	VE	NOT POPULATED
		
AH	D	AREA NOT INCLUDED

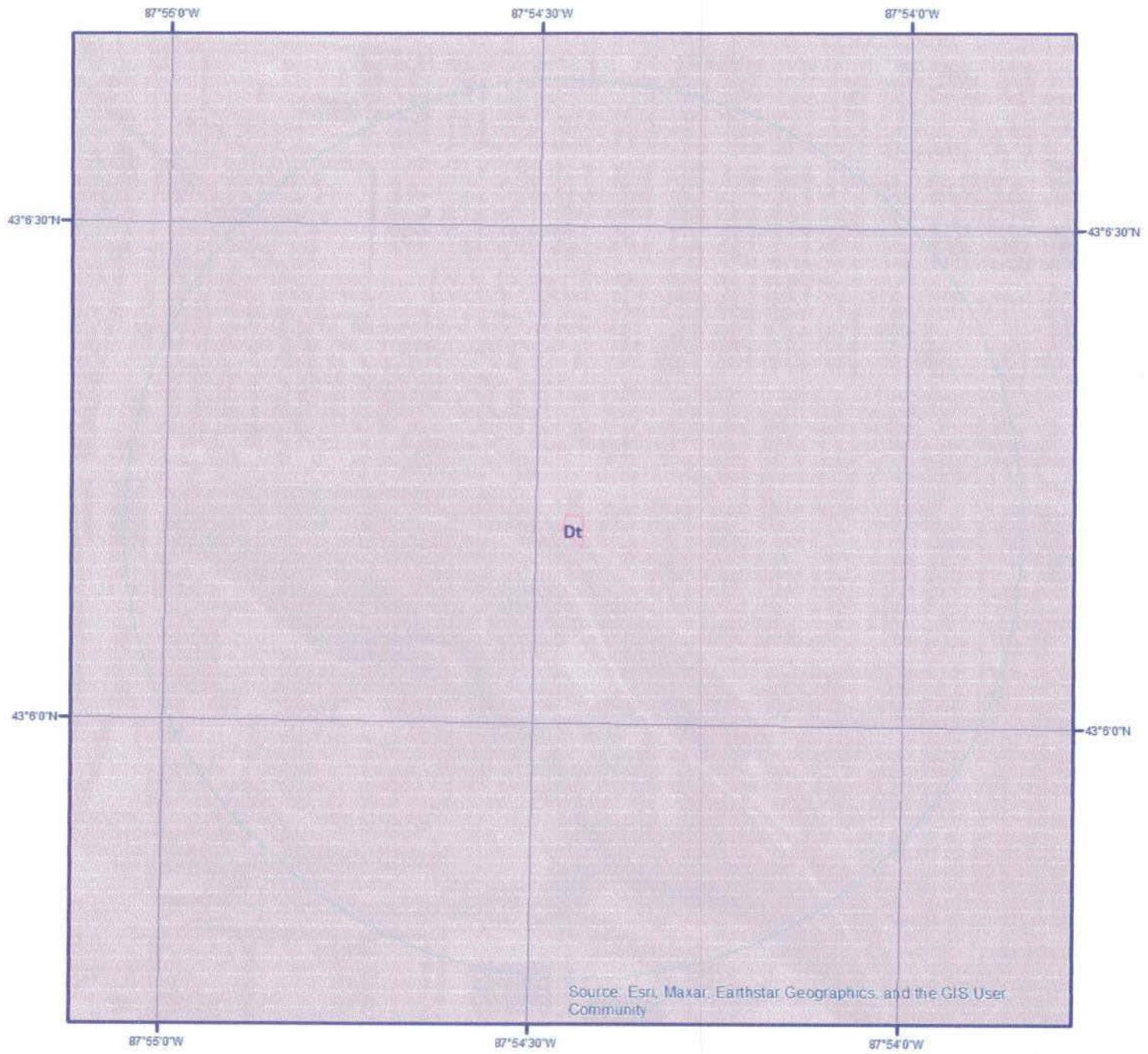


Quadrangle(s): Milwaukee, WI



Figure 9: ERIS: Flood Hazard Zones

Geologic Information



Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.



Figure 10: ERIS: Geologic Units

Map Unit: NOTCOM-No Digital Data Available

Component: NOTCOM (100%)

The NOTCOM component makes up 100 % of the map unit. Slopes are inches. Available water to a depth of 60 inches (or restricted depth) is very low. It is not ponded. There is no zone of water saturation within a depth of 72 inches.

Depth to a root restrictive layer is greater than 60. Shrink-swell potential is low. This soil is not flooded.

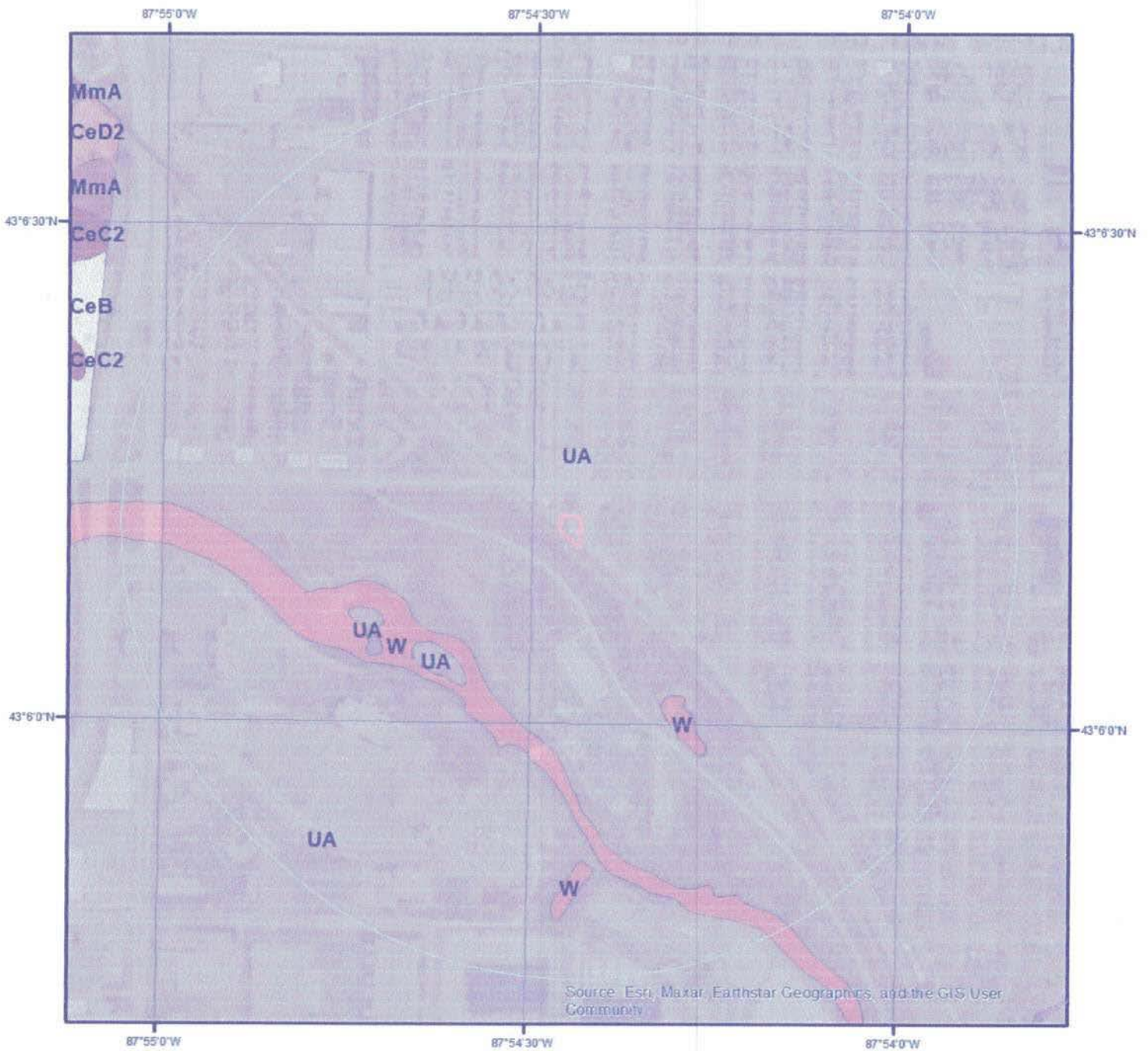
Figure 11: ERIS: SSURGO Soils

5.5 Water Well Report

Public Water System

Figure 12: ERIS: Wells and Additional Resources

Soil Information



SSURGO Soils



This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.



Figure 11: ERIS: SSURGO Soils

Wells and Additional Sources



Wells & Additional Sources



- | | |
|--------------------------------|------------------------------------|
| ▲ Sites with Higher Elevation | ▲ OGW Sites with Higher Elevation |
| ■ Sites with Same Elevation | ■ OGW Sites with Same Elevation |
| ▼ Sites with Lower Elevation | ▼ OGW Sites with Lower Elevation |
| ○ Sites with Unknown Elevation | ● OGW Sites with Unknown Elevation |



Figure 12: ERIS: Wells and Additional Sources

SECTION VI
STATUS OF UNDERGROUND STORAGE TANKS

6.1 Removed Underground Storage Tanks

Four USTs were removed between April 1, 1990 and March 21, 2022

<u>Id.</u>	<u>Installed</u>	<u>Gallons</u>	<u>Content</u>	<u>Make</u>	<u>Date Removed</u>
57460	Unknown	6000	UL Gasoline	Coated Steel	04/01/1990
57461	Unknown	6000	UL Gasoline	Coated Steel	04/01/1990
112903	04/01/1990	12000	UL Gasoline	Coated Steel	03/21/2022
113159	04/01/1990	12000	UL Gasoline	Coated Steel	03/21/2022

6.2 Installation of Existing Underground Storage Tanks

One manifold tank (15-K + 6K) was installed in the former tank bed on March 24, 2022

<u>Id.</u>	<u>Installed</u>	<u>Gallons</u>	<u>Content</u>	<u>Make</u>	<u>Date Removed</u>
238503	03/24/2022	15000	UL Gasoline	Fiberglass	N/A (Active)
238505	03/24/2022	6000	UL Gasoline	Fiberglass	N/A (Active)

SECTION VII PREVIOUS SITE INVESTIGATION

The BRRTS Number (03-41-000450) and PECFA # 53211-1043-51) activity was started on September 28, 1989.

Two steel coated gasoline; installed on April 1, 1990; were removed on March 21, 2022.

The removed USTs were located along the northern lot line.

Twelve soil borings were advanced on the site.

Nine out of the twelve soil borings were converted into the groundwater monitoring wells (MW-1 through MW-9). The locations of the soil borings/wells have been shown on **Figure 13**.

The soil boring B-1/monitoring well MW-1 was located to the north of the tank bed.

The depth to the groundwater in the monitoring well MW-1 (~ 14 feet deep including 10-foot screen) ranged between 7.55 feet and 11.53 feet with respect to the top of the PVC (**Appendix B**).

The underground structures affect the flow of the groundwater. Therefore, the groundwater flow was observed to the north, northwest, and southeast (**Appendix B**).

On January 26, 2010, the Wisconsin Department of Commerce (Former) issued the final closure letter. The site was placed on the soil and groundwater GIS registries.

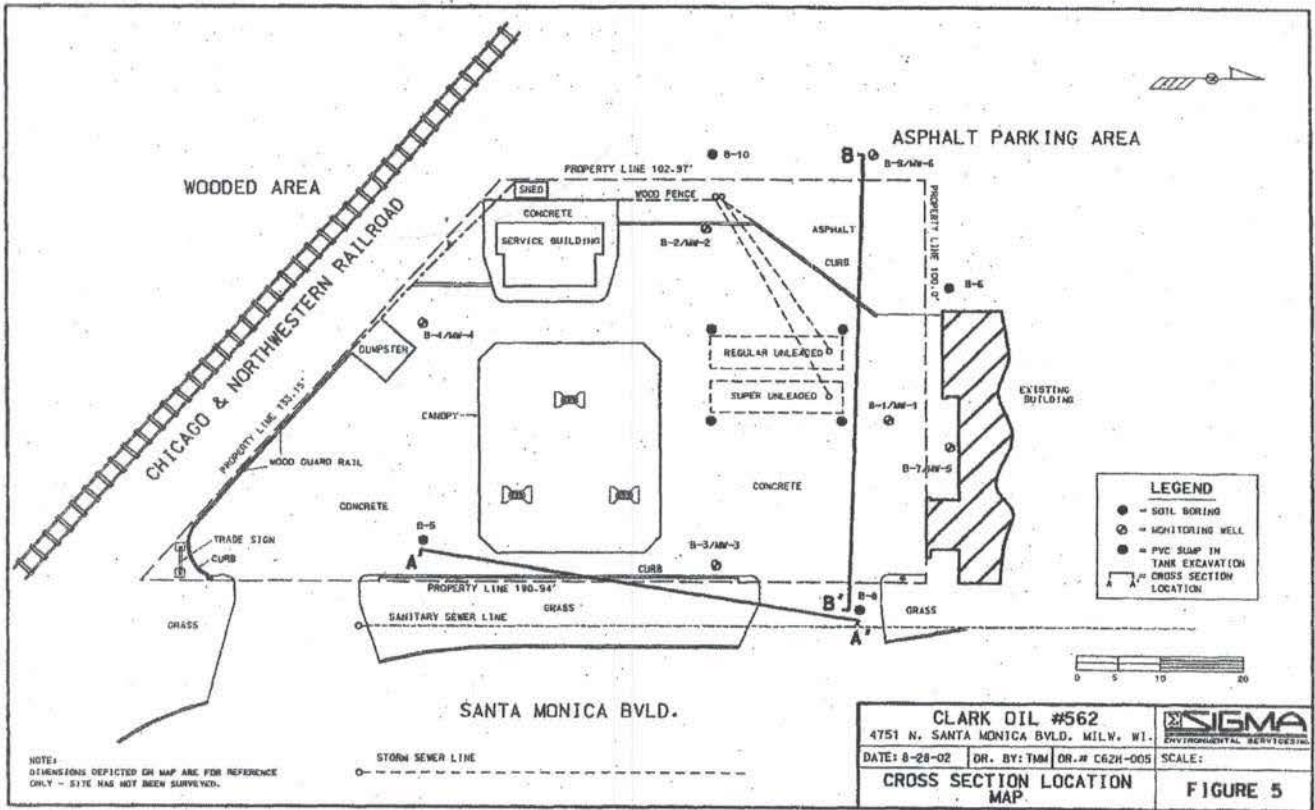


Figure 13: Figure 5 of Sigma, 8/28/2002

SECTION VIII

REMOVAL AND INSTALLATION OF UNDERGROUND STORAGE TANKS

8.1 Tank System Site Assessment (TSSA)

Two underground storage tanks, product lines, and three pump islands were removed between March 21, 2022 through March 23, 2022. General Engineering Company (GEC) of Portage, Wisconsin, conducted the tank-system site assessment (TSSA). The TSSA Report of GEC has been included in **Appendix C**.

Eleven soil samples were submitted to Synergy Environmental Lab, Inc., Appleton, Wisconsin, to test for the PVOCs and naphthene. The concentrations of the contaminants have been summarized in **Table 2**. The sample locations and test results have been presented on **Figure 14**. The petroleum contamination was detected in S-1 (N/NE wall) and S-11 (northeast dispenser).

The concentration of benzene exceeded the RCL value protective the groundwater in the samples collected from the north/northeast wall and northeast pumps, respectively.

8.2 Recognized Environmental Condition (REC)

In accordance with "Section 3.2.73 of ASTM E1527-21, a recognized environmental condition (REC) means as follows.

1. The presence of hazardous substances or petroleum products in, on or at the subject property due to release to the environment;
2. The likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment, or
3. The presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment

The petroleum contamination was confirmed during the removal of the tanks. Therefore, the site is an "REC" site and the Wis. Admin. Code § NR 716: Site Investigations/ASTEM-Phase II ESA was warranted.

8.3 Remedial Activities During Removal and Installation of USTs

The contaminated soils were excavated and hauled to the landfill for the off-site bioremediation. The soil disposal document shall be included in the site investigation report.

Table 2
Summary of Petroleum Volatile Organic Compounds (PVOCs) and Naphthalene of Tank System Site Assessment (TSSA)
Soil Samples Collected by General Engineering Corporation on 03-23-2022
BP Gas Station (Former Clark Gas Station)
4751 N Santa Monica Blvd., Milwaukee, WI 53211

DATCP-Tank-FID # 416189

LUST-FID # 241574850

LUST-BRRTS # 03-41-589630

VIII-2

Contaminants of Concern	Not-To-Exceed D-C RCL (mg/kg) Non-Industrial	Not-To-Exceed D-C RCL (mg/kg) Industrial	RCL-GW (mg/kg) DF=2 Soil to GW	Sample	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8
				Location	N/NE Wall	N/NW Wall	E/NE Wall	E/SE Wall	W/SW Wall	W/NW Wall	W/SW Wall	SW Dispenser
				Depth (ft.)	8	8	8	8	8	8	8	3
				Soil	FILL	FILL	FILL	FILL	FILL	FILL	FILL	FILL
				PID (ppm)	9.5	332	7	2	2	579	2	2
Benzene	1.6	7.07	0.0051	ppm	0.056	< 0.025	< 0.025	0.040 "J"	< 0.025	< 0.025	< 0.025	< 0.025
Ethylbenzene	8.02	35.4	1.57	ppm	0.034 "J"	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	0.033 "J"	< 0.025
MTBE	63.8	282	0.027	ppm	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Naphthalene	5.52	24.1	0.6582	ppm	0.112	< 0.025	< 0.025	< 0.025	< 0.025	0.053	0.07	0.052 "J"
Toluene	818	818	1.1072	ppm	0.055 "J"	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
1,2,4-TMB	219	219	1.3787	ppm	0.098	< 0.025	0.055 "J"	0.036 "J"	< 0.025	< 0.025	< 0.025	0.041 "J"
1,3,5-TMB	182	182		ppm	0.113	< 0.025	0.0257 "J"	< 0.025	< 0.025	< 0.025	< 0.025	0.040 "J"
m & p-Xylenes				ppm	0.168	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
o-Xylene	260	260	3.96	ppm	0.072	< 0.025	< 0.025	< 0.025	< 0.025	0.036 "J"	0.036 "J"	0.037 "J"
				Solids %	90.00	91.30	85.60	84.60	91.20	90.30	83.10	88.30

Note:
 * denotes the Wis. Admin. Code § 720 RCL Quick Reference Table: Contaminated Soil, October 2018 (RR-106)
 "J" denotes the concentration between the method of detection (MOD) and method of quantification (MOQ).
 Concentration in bold color indicate the concentration exceeding RCLs-GW (Soil to GW)

Table 2
 Summary of Petroleum Volatile Organic Compounds (PVOCs) and Naphthalene of Tank System Site Assessment (TSSA)
 Soil Samples Collected by General Engineering Corporation on 03-23-2022
 BP Gas Station (Former Clark Gas Station)
 4751 N Santa Monica Blvd., Milwaukee, WI 53211

DATCP-Tank-FID # 416189

LUST-FID # 241574850

LUST-BRRTS # 03-41-589630

VIII-3

Contaminants of Concern	Not-To-Exceed D-C RCL (mg/kg) Non-Industrial	Not-To-Exceed D-C RCL (mg/kg) Industrial	RCL-GW (mg/kg) DF=2 Soil to GW	Sample	S-9 S	S-10 S	S-11				
	*RR-106, October 2018			Location	Prod. Line T	SE Dispenser	NE Dispenser				
				Depth (ft.)	3	3	3				
				Soil	FILL	FILL	FILL				
				PID (ppm)	2	3	3				
Benzene	1.6	7.07	0.0051	ppm	< 0.025	< 0.025	0.299				
Ethylbenzene	8.02	35.4	1.57	ppm	< 0.025	< 0.025	0.282				
MTBE	63.8	282	0.027	ppm	< 0.025	< 0.025	< 0.025				
Naphthalene	5.52	24.1	0.6582	ppm	< 0.025	0.098	0.37				
Toluene	818	818	1.1072	ppm	0.034 "J"	0.128	1.13				
1,2,4-TMB	219	219	1.3787	ppm	0.033 "J"	0.072	0.86				
1,3,5-TMB	182	182		ppm	0.0281 "J"	0.079	0.293				
m & p-Xylenes				ppm	0.067 "J"	0.12	2.01				
o-Xylene	260	260	3.96	ppm	0.0316 "J"	0.082	0.32				
				Solids %	88.20	84.50	71.80				

Note:

* denotes the Wis. Admin. Code § 720 RCL Quick Reference Table: Contaminated Soil, October 2018 (RR-106)

"J" denotes the concentration between the method of detection (MOD) and method of quantification (MOQ).

Concentration in bold color indicate the concentration exceeding RCLs-GW (Soil to GW)



East Hampton Avenue

One Hour Martinizing
285 E. Hampton Avenue
(Former Gas Station)
BRRTS # 03-41-002225
Closed : 03-01-2017

One Hour Martinizing
285 E. Hampton Avenue
(Now Dry Cleaning Site)
BRRTS # 02-41-543260
Wells Abandoned on 6/17/22 & 8/5/22

Shover's Realty
4771 N. Santa Monica Blvd.
B-7/MW-5 for Clark Oil
(Abandoned)

Alley

Manhole

Santa Monica Blvd.

B-1/MW-1 for Clark Oil
(Abandoned)

Area Excavated During Tank Removal

Jd: SS-6	Compounds	ppb
	Benzene	< 25
	EB	< 25
	MTBE	< 25
	Naphthalene	53
	Toluene	< 25
	1,2,4-TMB	< 25
	1,3,5-TMB	< 25
	Xylenes	41.3*

Jd: SS-7	Compounds	ppb
	Benzene	< 25
	EB	33.3*
	MTBE	< 25
	Naphthalene	70
	Toluene	< 25
	1,2,4-TMB	< 25
	1,3,5-TMB	< 25
	Xylenes	< 75

Jd: SS-5	Compounds	ppb
	Benzene	< 25
	EB	< 25
	MTBE	< 25
	Naphthalene	< 25
	Toluene	< 25
	1,2,4-TMB	< 25
	1,3,5-TMB	< 25
	Xylenes	< 75

Jd: SS-9	Compounds	ppb
	Benzene	< 25
	EB	< 25
	MTBE	< 25
	Naphthalene	< 25
	Toluene	34.3*
	1,2,4-TMB	33.3*
	1,3,5-TMB	78.1*
	Xylenes	98.6*

Jd: SS-8	Compounds	ppb
	Benzene	< 25
	EB	< 25
	MTBE	< 25
	Naphthalene	52.3*
	Toluene	< 25
	1,2,4-TMB	41.3*
	1,3,5-TMB	40.3*
	Xylenes	37.3*

Jd: SS-2	Compounds	ppb
	Benzene	< 25
	EB	< 25
	MTBE	< 25
	Naphthalene	< 25
	Toluene	< 25
	1,2,4-TMB	< 25
	1,3,5-TMB	< 25
	Xylenes	< 75

Jd: SS-1	Compounds	ppb
	Benzene	56
	EB	34.3*
	MTBE	< 25
	Naphthalene	112
	Toluene	55.3*
	1,2,4-TMB	98
	1,3,5-TMB	113
	Xylenes	240

Jd: SS-3	Compounds	ppb
	Benzene	< 25
	EB	< 25
	MTBE	< 25
	Naphthalene	< 25
	Toluene	< 25
	1,2,4-TMB	55.3*
	1,3,5-TMB	25.7*
	Xylenes	< 75

Jd: SS-4	Compounds	ppb
	Benzene	40.3*
	EB	< 25
	MTBE	< 25
	Naphthalene	< 25
	Toluene	< 25
	1,2,4-TMB	36.3*
	1,3,5-TMB	< 25
	Xylenes	< 75

Jd: SS-11	Compounds	ppb
	Benzene	259
	EB	282
	MTBE	< 25
	Naphthalene	370
	Toluene	1130
	1,2,4-TMB	860
	1,3,5-TMB	253
	Xylenes	2330

Jd: SS-10	Compounds	ppb
	Benzene	< 25
	EB	< 25
	MTBE	< 25
	Naphthalene	98
	Toluene	128
	1,2,4-TMB	72
	1,3,5-TMB	79
	Xylenes	202

Clark Gas Station

BRRTS # 03-41-000450
PECFA # 53211-1043-51
[Closed: 02-07-2013]

Park

Santa Monica Blvd.

Figure 14: TSSA Sampling Locations and Contaminants Levels

<p>Site Clark Gas Station 4751 N Santa Monica Blvd. Milwaukee, WI 53211</p>	<p>Consultant OM Enterprises, Inc. 124 W Scott Street Fond du Lac, WI 54935</p>	<p>NOT TO SCALE 0 15 30</p>	<p>Project # 3062 Date 05/12/2022</p>	<p>Legend Monitoring Well Soil Boring Soil Sampling Location</p>
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8.4 Notification of Petroleum Contamination and Responsible Party Letter

The petroleum contamination was notified to the WDNR in accordance with the Wis. Admin. Code § NR 706 (**Ref. 11**). The WDNR issued the LUST-BRRTS # 03-41-589630.

SECTION IX
SITE INVESTIGATION WORK PLAN

9.1 Site Investigation Scoping: NR 716.07

The purpose of NR 716.07 is the evaluation of the following relevant items prior to the initiation of the field phase of the investigation.

- 1) Gather information regarding the historical uses of the site;
- 2) Gather information about type and amount of contamination;
- 3) Gather information about the discharges of previous hazardous substances or environmental pollution;
- 4) Evaluate the affected or potentially affected environmental media;
- 5) Identify and evaluate other environmentally sensitive properties in the vicinity of the project site;
- 6) Determine the need for permission from on-site and off-site property owners;
- 7) Determine potential or known impacts to receptors, including public and private water supplies, buildings, and mapping of all water supply wells within a 1200-foot radius of the outermost edge of contamination.
- 8) Determine potential for impacts to any of the following:
 - a) Species, habitat, or ecosystem sensitive to contamination;
 - b) Wetlands, especially those in the areas of special natural resource interest as designated in s. NR 103.04;
 - c) Outstanding resource waters and exceptional resource waters as defined in ss. NR 102.10 and 102.11;
 - d) Site or facilities of historical or archaeological significance
- 9) Potential applicable interim and remedial actions;
- 10) Immediate or interim actions already taken or in progress;
- 11) Any other items that may affect the scope or conduct of the site investigation; and
- 12) To determine the hydraulic conductivity of the contaminated materials.

9.2 Site Investigation Scoping: Identifying Contaminants of Concern: NR 716.07

In September 2019, the WDNR issued “Publication Number: DNR-RR-101E (**Ref. 12**) to identify the contaminants of concerns. A Phase II ESA is warranted.

9.3 Field Investigation: NR 716.11 (5)

The field investigation shall include an evaluation of all the following.

- a) Potential pathways for migration of the contamination,
- b) Impacts of the contamination upon receptors,
- c) Known or potential impacts on any of the resources listed s. NR 716.07 (8),
- d) Subsurface and subsurface rock, soil, and sediment characteristics,
- e) Extent of contamination in the source area, in soil and saturated materials, and in groundwater,
- f) Horizontal and vertical extent of contamination,
- g) Vapor intrusion, and
- h) Indoor air quality.

SECTION X
CONCEPTUAL SITE MODEL AND PLAN FOR
FIELD PHASE OF NR 716: SITE INVESTIGATIONS

The conceptual site model for the field phase of the NR 716 site investigation is based on the site NR 716 scoping and ASTM Standards of conducting the Phase II ESA.

The site model for the field investigation is based on the Phase II ESA, NR 716 scoping, and ASTM Standard D5730: Guide to Site Characteristics for Environmental Purposes with Emphasis on Soil, Rock, the Vadose Zone, and Groundwater.

10.1 Rationale of Proposed Soil Borings and Monitoring Wells

Based on the review of the site file, it appears that the depth to groundwater at the site is approximately 12 feet below the grade. The proposed plan consists of the advancement of four soil borings and conversion of the soil borings into the 2" diameter flush mount groundwater monitoring wells. The locations of the proposed borings/wells are shown on **Figure 15**. The locations and rationales are as follows.

Boring Id.	Boring Depth (~ft.)	Well Depth (~ft.)	Screen (ft.)	Approximate Location	Rationale/ Comments
B-1	17.5	MW-1 (17.5)	10	East of Canopy	Delineate Plume
B-2	17.5	MW-2 (17.5)	10	South Lot Line	Delineate Plume
B-3	17.5	MW-3 (17.5)	10	West of Canopy	Delineate Plume
B-4	17.5	MW-4 (17.5)	10	North of Canopy	Delineate Plume

10.2 Drilling in Unconsolidated and Consolidated Soils

“Hollow Stem Auger Drilling” method shall be applied to drill holes in the unconsolidated soils in accordance with NR 141.05 (22) [Ref. 13]. The driller will use a minimum of 4 ¼ inch inside diameter hollow stem auger to install a 2 inch-diameter well as required under NR 141.19 (1) (a). The diameter of the borehole will be approximately 8 inches.

“Mud Rotary or Air Rotary Drilling” method will be applied to drill hole in the consolidated soils, if needed, in accordance with NR 141.05 (1). The diameter of the borehole will be 6 inches as required under NR 141.19 (1) (c).



East Hampton Avenue

One Hour Martinizing
285 E. Hampton Avenue
(Former Gas Station)
BRRTS # 03-41-002225
Closed : 03-01-2017

One Hour Martinizing
285 E. Hampton Avenue
(Now Dry Cleaning Site)
BRRTS # 02-41- 543260
Wells Abandoned on 6/17/22 & 8/5/22

Shover's Realty
4771 N. Santa Monica Blvd.
B-7/MW-5 for Clark Oil
(Abandoned)

Alley

Manhole

B-1/MW-1 for Clark Oil
(Abandoned)

MW-4
(Proposed)

NEW TANK (21-K) INSTALLED ON 3/24/22

Area Excavated During
Tank Installation

15-K
Regular (No Premium)

6-K
Regular
Premium

Tank Sump Well

MW-3 (Proposed)

BP Gas Station

BRRTS # 03-41-589630

Pump Island

Pump Island

CANOPY

MW-1
(Proposed)

Pump Island

Pump Island

MW-2 (Proposed)

Park

Santa Monica Blvd.

Figure 15: Locations of Proposed Soil Borings and Monitoring Wells

<p>Site Clark Gas Station 4751 N Santa Monica Blvd. Milwaukee, WI 53211</p>	<p>Consultant OM Enterprises, Inc. 124 W Scott Street Fond du Lac, WI 54935</p>	<p>NOT TO SCALE </p>	<p>Project # 3062 Date 07/24/2022</p>	<p>Legend Monitoring Well Soil Boring</p>
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10.3 Grain Size and In-Situ Hydraulic Conductivity Testing

One soil sample from each soil boring will be submitted to a laboratory to test for grain size analysis. The particle size distribution to # 200 sieve analysis will be determined in accordance with ASTM D 421 and D 422. Soils will be classified using the Unified Classification System, in accordance with ASTM D 2487. Hazen's (Ref. 14) equation would not be used to estimate hydraulic conductivity if high percentage of fines are encountered in the soil samples.

The in-situ hydraulic conductivity would consist of purging water from the wells using a bailer and measuring the rise of water level in each well with respect to the time. Hvorslev's Method (Ref. 15) would be used to calculate the in-situ hydraulic conductivity.

10.4 Installation and Development of Monitoring Wells

The specifications of the well casing shall be determined in accordance with NR 141.07 (1). The casing shall be made of schedule 40 polyvinylchloride (PVC). The inside diameter of the well casing be 2 inches. An airtight well cap shall be plugged to prevent entry of surface water into the well. The flush mount well protective cover (steel, inside diameter 9 inches, one foot long) shall be installed in accordance with NR 141.13 (4) (b).

The specifications of the well screens shall be determined in accordance with NR 140.09 (1). A **10-foot** screen will be used to install a standard groundwater monitoring well to measure the depth of free product. The length of the screen of the piezometer, if needed, shall be 5 feet.

The sealing procedures will meet the requirement of NR 141.10 and NR 141.13. The filter pack, drilling methods, borehole diameter, and construction documents shall follow the requirements of NR 141.11, NR 141.15, NR 141.19, and NR 141.23, respectively.

The driller shall comply with all the requirements to install the water table observation wells and piezometer well in accordance with Figure 1 of NR 141 (Page 340). A monitoring well construction report (Form 4400-113A) for each monitoring well will be included in the report.

The monitoring wells shall be developed in accordance with NR 141.21. The monitoring well development form (Form 4400-113B) shall be prepared for each well. Soil borings, not converted into groundwater monitoring wells, shall be abandoned in accordance with NR 141.25. The well/drill hole/borehole filling & sealing report (Form 3300-005) will be submitted for each abandoned borehole.

10.5 Site Survey, Location of Soil Borings, and Surface and PVC Elevations

An engineering site survey will be conducted to prepare the site layout, locate the soil borings and monitoring wells, and shoot the surface elevations and PVC elevations of the monitoring wells.

10.6 Field Soil Sampling and Vapor Testing

Soil sampling shall be conducted at either at either 2.5-foot intervals or continuously at 2 feet depending upon the availability of split spoons. If bedrock is encountered, the split spoon sampling of bedrock cuttings would not be collected. Safety precautions would be maintained at Level D during the field activities.

Soil samples will be tested on-site for volatile organic compounds using Mini-RAE 2000 Portable VOC Monitor PGM-7600, which monitors volatile organic compounds using photo ionization detector (PID). The PID meter readings/units shall be shown on the boring logs.

Standard field sampling technique in accordance with ASTM D420, D1452, and D1586, will be employed in the field investigation to obtain the data presented on the boring logs.

Sampling in cohesive and cohesion less soils will be performed by driving a standard split spoon with a 140-pound weight falling 30 inches. The sum of the number of blows required to advance the tool in two 6-inch increments following 6 inches of seating will be recorded on the final boring logs under "N" column, referring to the Standard Penetration Resistance Test, ASTM D1586.

Soils shall be classified in accordance with the Unified Soil Classification System (ASTM D 2487-69 and ASTM 2488-69. The following items shall be included on soil boring log information (Form 4400-122) in the following order: consistency for cohesive and relative density for granular soils, color, major soil proportion with the USCS symbols, minor soil proportion, scattered/numerous constituents, moisture content, and order.

10.7 Investigation of Utilities

The on-site and off-site utilities would be located on the site survey map. The on-site water, sewer, and power utilities would be tested for the investigation of the potential petroleum contamination.

10.8 Vapor Intrusion, Sub-slab Air Sampling, and Indoor Air Quality

The evaluation of vapor intrusion shall be conducted in accordance with the WDNR Vapor Intrusion Guidance (RR-800 **Ref. 16**). The criteria described in Figure 3b (Page 16-17 of RR-800) shall be used. If petroleum contamination is detected up to 4 feet below grade, sub-slab sampling for air and indoor air sampling inside the building shall be conducted.

10.9 Storage and Disposal of Soil Cuttings and Wastewater

Soil cuttings and purges wastewater shall be stored in 55-gallon drums. Soils and water shall be disposed after the waste characterization in accordance with NR 718: **Ref. 17**).

SECTION XI

NR 716.13: SAMPLING AND LABORATORY TESTING OF SOILS AND GROUNDWATERS

11.1 Laboratory Testing of Soils

The PID would be used for the vapor screening of all soil samples. Two soil samples from each boring shall be tested from 0 to 2 or 1 to 2.5 feet and 2 to 4 or 3.5 to 5 feet below grade to determine the effect of the direct contacts. Two soil samples from each soil boring (one above the water table and other at the water level) shall be tested for the petroleum volatile organic compounds (PVOCs) and naphthalene

11.2 Laboratory Testing of Groundwater

The WDNR requires eight rounds of quarterly groundwater sampling. First round of groundwater sampling shall be tested for the volatile organic compounds (VOCs) using EPA method 8260B. Each water sample will be preserved in dilute hydrochloric acid. Three 40 ml VOC hydrochloric containing VOC vials shall be used for each water sample. If chlorinated solvents are not detected, the remaining samples shall be tested for PVOCs and naphthalene using EPA Method 8260B.

The enforcement standard (ES) and preventive action limit values of the groundwater contaminants have been listed under the Wis. Admin. Code § NR 140 (**Ref. 18**). The levels of the contaminants would be compared with their respective PAL and ES values.

If the concentrations of contaminants are neither stable nor decreasing after four rounds of quarterly groundwater sampling, the quarterly sampling will be continued until the plume shows either stable or decreasing trend.

11.3 QA/QC Procedures for Soil Sampling

- a) All samples will be submitted to the laboratory on ice.
- b) If the samples are delivered off-times, the samples would be placed in the cooler placed by the lab door.
- c) Only grab/discrete soil samples will be collected for the laboratory testing.
- d) If the soil samples are shipped, one temperature blank shall be placed in the shipping container.
- e) The chain of custody record will be submitted with the samples.
- f) The soil samples shall be preserved in methanol.

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11.4 QA/QC Procedures for Groundwater Sampling

- a) All samples will be submitted to the laboratory on ice.
- b) If the samples are delivered off-times, the samples would be placed in the cooler placed by the lab door.
- c) The chain of custody record will be submitted with the samples.
- d) The water samples shall be preserved in dilute hydrochloric acid.
- e) One replicate for every ten or less samples.
- f) One equipment blank sample, for every ten or less samples, if dedicated bailers are not used.
- g) One trip blank for each shipping container for VOCs.
- h) One temperature blank if samples are shipping.
- i) Dedicated bailer to avoid cross-contamination.

11.5 NR 716.11 (2): Schedule to Start Field Phase of Investigation

The field phase of the investigation will begin after the approval of the SIWP and availability of the driller.

11.6 NR 716.14: Sample Result Notification and Semi-annual Reporting

- a) The soil and groundwater quality test results shall be submitted to the WDNR within ten days after receiving the test results in accordance with NR 716.14.
- b) Semi-annual NR700 reports shall be submitted to the WDNR.
- c) Based on the groundwater quality data, a site investigation report may be submitted after four rounds of groundwater sampling.

OM Enterprises, Inc. has also reviewed the documents listed from **Ref. 19** through **Ref. 47** to conduct the field phase of the site investigation and prepare the reports/documents for this site.

SECTION XII

TRICHLOROETHYLENE (TCE), EMERGENT CONTAMINANTS/ CONTAMINANTS OF CONCERNS/POLYFLUOROALKYLS (PFAS)

12.1 Trichloroethylene (TCE) and Other Chlorinated Solvents

The International Union of Pure and Applied Chemistry (IUPAC) name of the trichloroethylene (TCE) is 1,1,2-Trichloroethene (three hydrogen atoms of ethylene/ethylene replaced by chlorine atoms). If all four hydrogen atoms of ethene/ethylene are replaced by chlorine, the IUPAC name of the chemical becomes a dry-cleaning fluid called tetrachloroethene or per-chloroethene, per-chloroethylene, or PCE or PERC. TCE is an excellent chlorinated solvent for a variety of organic non-food materials. It has been used as a dry-cleaning agent prior to the use of tetrachloroethylene or PERC. The selected other uses are as follows.

- a) For extraction of vegetable oils from plants like soya, coconut, and palm,
- b) For coffee decaffeination,
- c) For the preparation of flavoring extracts from hops and spices,
- d) For the removal of residual water in the production of 100% ethanol, and
- e) As a volatile anesthetic after chloroform and prior to halothane.

The specific gravity of TCE is greater than water. Therefore, TCE is present in the groundwater as a dense non-aqueous phase liquid (DNAPL) at the bottom of groundwater flow way paths, ponds, lakes, and storage tanks. The research has shown that TCE is carcinogenic in animals, producing liver cancer in mice, and kidney cancer in rats. The inhaled TCE produces the depression of the central nervous system which results in general anesthesia.

The soil samples shall be tested for full VOC scan. The first round of water samples shall also be tested for the full scan of VOCs. If TCE is not detected, the remaining rounds of water samples shall be tested for PVOCs.

12.2 Emerging Contaminants/Contaminants of Concerns/Polyfluoroalkyls (PFAs)

Emerging contaminants (ECs) or contaminants of emerging concern (CECs) are diverse group of anthropogenic compounds found in the medicines, personal care or household cleaning products, lawn care and agricultural products, and among other manmade products.

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Twelve emerging contaminants listed on one EPA website regarding federal governmental facilities.

The fluoroalkyl substances are the chemical compounds in which the hydrogen atoms of the alkane are replaced by the fluorene atoms. If all hydrogen atoms are replaced by the fluorene atoms, the chemical is designated as per-fluorinated substance.

If all hydrogen atoms are not replaced, the chemical is referred to as poly-fluorinated substance. The mixtures of the per-fluorinated and poly-fluorinated substances are referred as per- and polyfluoroalkyl substances (PFAS). The PFAS include PFOA (perfluorooctanoic acid), PFOS (perfluorooctanoic sulfonic acid), GenX, and many other chemicals.

GenX is a trade name for a technology that is used to make high performance fluoropolymers (e. g., some nonstick coatings) without the use of PFOA.

In 2009 DuPont began the commercial development of GenX as a replacement of PFOA. GenX chemicals have been found in surface water, groundwater, finished drinking water, rainwater, and air emissions in some areas.

The PFAs are used in a variety of industries such as aerospace, automotive, apparels, food packaging, fire-fighting foams, non-stick coating, cookware, carpeting, and metal plating.

The PFAS were detected in several counties, cities, villages, and towns throughout in Wisconsin. Therefore, Governor Tony Evers created the "PFAS Coordinating Council" in 2019 through the executive order # 40. The PFAS compound list recommended by the Wisconsin DNR includes 36 compounds.

A Phase I ESA was conducted to evaluate the historical uses of the site to determine past uses of the PFAs chemicals.

EPA List of Twelve Selected Emergent Contaminants

#	Emergent Contaminants	Uses
1.	Trichloropropane (TCP)	Chemical intermediate, solvent, and cleaning product
2.	Dioxane	Stabilizer of chlorinated solvents, manufacturing of PET, manufacturing by-product
3.	Trinitrotoluene (TNT)	Pure explosive, military, and underwater blasting
4.	Dinitrotoluene	Intermediate to form TNT, explosive
5.	Hexahydrotrinitro-triazane (RDX)	Military explosive
6.	Nanomaterials	Used in consumer products and biomedical applications
7.	N-nitro-dimethylamine (NDMA)	Byproduct of the chlorination of waste and drinking water at treatment facilities.
8.	Pecrchlorate	Rocket propellants, munitions, fireworks, airbag initiators
9.	Perfluoro-octane sulfonate (PFOS) and Perfluorooctanoic acid (PFOA)	Additives and coatings, non-stick cookware, waterproof clothing, cardboard packaging, wire casing, resistant tubing
10.	Polybrominated biphenyl (PBBs)	Flame retardant
11.	Polybrominated diphenyl ethers (PBDEs)	Flame retardant and used in plastics, furniture, and other household products
12.	Tungsten	A naturally occurring element which exists in various household products and military manufacturing

SECTION XIII

WDNR REVIEW OF FIELD DATA FOR DEREMINATION OF COMPLETION/INCOMPLETION OF FIELD PHASE OF INVESTIGATION PRIOR TO SUBMITTING FINAL SITE INVESTIGATION REPORT AND CLOSURE REORT TOGETHER

13.1 Wisconsin Statute 292.55 (1): Request for Liability of Clarification and Technical Assistance

The Wisconsin Statute 292.55 (1) describes the “Requests for Liability Clarification and Technical Assistance”.

13.2 Wisconsin Statute 292.55 (1) (d) (3): The Adequacy of an Environmental Investigation

The Wisconsin Statute 292.55 (1) (d) (3) describes the “The Adequacy of an Environmental Investigation”. The field phase data of the site investigation is not “adequate” until approved by the WDNR Project Manager.

13.3 Section 3 of Form 4400-237: Other Technical Assistance-Wisconsin Statute 292.55

Please refer to “Other Technical Assistance-Wisconsin Statute 292.55” of Section 3 of the WDNR-Form 4400-237 on Page 3.

The review of “Site Investigation Report” costs \$1,050.00. However, the cost for “Other Technical Assistance – s. 292.55 (1) (d) (3) is \$700.00.

A Status Report/The Fields Data Status shall be submitted to the WDNR to determine the adequacy of the field data prior to submitting the final site investigation report.

13.4 NR 716.15: Site Investigation Report

The site investigation report would be submitted after the approval of the adequacy/completion of the field data. The report and closure reports would be prepared based on the references included in Section 23.

SECTION XIV

NR 712 SUBMITTAL CERTIFICATIONS

Certification of Professional Engineer: NR 712.09 (3) (a)

Certification of Professional Geologist: NR 712.09 (3) (b)

Certification of Scientist: NR 712.09 (3) (c)

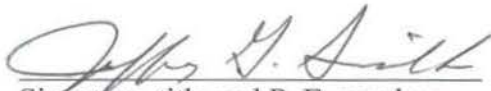
Certification of Scientist: NR 712.09 (3) (c)

Wis. Admin. Code § NR 712.09
Certifications

NR 712.09 (3) (a): Submittal Certification

Prepared by or under the supervision of, a Professional Engineer under [s. NR 712.07 (2): To satisfy the requirements of ch. NR 722 or 724 or s. NR 708.11(4), including free product removal conducted in accordance with s. NR 708.13, for response actions taken to address groundwater contamination shall be jointly prepared by, or under the supervision of, a professional engineer and a hydrogeologist], [s. NR 712.07 (3): To satisfy the requirements of ch. NR 722 or 724 or s. NR 708.11(4) for response actions that address any media other than groundwater shall be prepared by, or under the supervision of, a professional engineer], or [s. NR 712.07 (5): Submittals addressing any media other than groundwater which are prepared to satisfy the requirements of ch. NR 716 or 720, shall be prepared by or under the supervision of a professional engineer, a hydrogeologist or a scientist].

"I, **JEFFREY GEORGE SMITH** hereby certify that I am a **registered professional engineer** in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this document has been prepared in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."



Signature, title and P. E. number
Professional Engineer
P. E. Number: E-22328

SEP 09 2022

P. E. Stamp



NR 712.09 (3) (b): Submittal Certification

Prepared or to have its preparation supervised by a **certified hydrogeologist** under [s. NR 712.07 (2): To satisfy the requirements of ch. NR 722 or 724 or s. NR 708.11(4), including free product removal conducted in accordance with s. NR 708.13, for response actions taken to address groundwater contamination shall be jointly prepared by, or under the supervision of, a professional engineer and a hydrogeologist], [s. NR 712.07 (4): Hydrogeologists shall prepare or supervise the preparation of submittals involving the assessment of groundwater conditions at a site or facility, when prepared to satisfy the requirements of ch. NR 716], or [s. NR 712.07 (5): Submittals addressing any media other than groundwater which are prepared to satisfy the requirements of ch. NR 716 or 720, shall be prepared by or under the supervision of a professional engineer, a hydrogeologist or a scientist].

“I, **VIRENDRA SINGH VERMA**, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, am registered in accordance with the requirements of ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of ch. GHSS 3, Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.”



Signature and title
Professional Geologist
Wisconsin License # 816

SEP 09 2022

Date



NR 712.09 (3) (c): Submittal Certification

Prepared or supervised by a **certified scientist** under [s. NR 712.07 (5): Submittals addressing any media other than groundwater which are prepared to satisfy the requirements of ch. NR 716 or 720, shall be prepared by or under the supervision of a professional engineer, a hydrogeologist or a scientist].

"I, **RAGHU B. SINGH**, hereby certify that I am a scientist as that term is defined in s. NR 712.03 (3), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."

Raghu B. Singh

Signature and title
Environmental Professional
40 C F R § 312.10 (b)

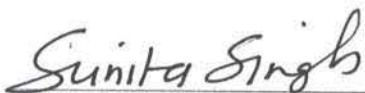
SEP 09 2022
2:15

Date:

NR 712.09 (3) (c): Submittal Certification

Prepared or supervised by a **certified scientist** under [s. NR 712.07 (5): Submittals addressing any media other than groundwater which are prepared to satisfy the requirements of ch. NR 716 or 720, shall be prepared by or under the supervision of a professional engineer, a hydrogeologist or a scientist].

"I, **SUNITA SINGH**, hereby certify that I am a scientist as that term is defined in s. NR 712.03 (3), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."



Signature and title
Environmental Professional
40 C F R § 312.10 (b)

SEP 0 7 2022

Date:

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(Page 1 of 4)

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5. Wisconsin Admin. Code § NR 716: Site Investigations, November 2013, No. 695.
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10. Wisconsin Administrative Code § NR 722: Standards for Selecting Remedial Actions, November 2013, No.695.
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(Page 2 of 4)

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18. Wisconsin Administrative Code § NR 140: Groundwater Quality, June 2021, No. 786.
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28. Wisconsin Statute § 291: Hazardous Waste Management, December 1, 2021.

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29. Wisconsin Statute § 299: General Environmental Programs, December 1, 2021.
30. Continuing Obligations for Environmental Protection Responsibilities of Wisconsin Property Owners., WDNR Publication RR-819, June 2017.
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Rights and Responsibilities of Off-site Affected Property Owners.
32. Maintenance Plan Example Template for a Straightforward Site (RR-980), WDNR, April 2014.
33. LUST Analytical Guidance (PUBL-SW-130 93 REV), WDNR, July 1993
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47. Using Natural Attenuation to Clean Up Contaminated Groundwater: What Landowners Should Know, WDNR Publication RR-671, December 2016.

LIST OF APPENDICES

- APPENDIX A: City of Milwaukee and Milwaukee County Records
- APPENDIX B: Closed BRRTS # 03-41-000450
- APPENDIX C: TSSA Report of General Engineering Company

APPENDIX A

City of Milwaukee and Milwaukee County Records



SEARCH / ADDRESS

WELCOME to MyMilwaukeeHome's fresh mobile-friendly look!

ENTER the property address.

Then SCROLL down to the section you need and

TAP or CLICK the header to expand or close the section.

4751

N SANTA MONICA BL Unit

Submit Address

My Property Information

My Property:	4751 N SANTA MONICA BL 53211
Tax Key:	2340012100
Property Owner Of Assessment Record:	A & J SWAN LLC (LESSOR), C/O CLARK MILWAUKEE INC, (LESSEE) AMIN BHIMANI
Current Assessment:	View City Assessor's details
Year Built:	1958
NOTE: Assessments change annually in April. Please see City Assessor's details for specific date.	
Special Assessments:	see details
Property Registration, Code Violations, and Permits:	See Details
To access tax record information online see the City Treasurer's Office	
Census Tract 2010:	4400
Census Block 2010:	1000
Census Tract 2000:	4400
Census Block 2000:	1000
Neighborhood Name:	ESTABROOK PARK

Street/Parking Info

Child Education

Business Info

Services

Where Do I Vote/Voting Location including Sample Ballot if available

Elected Officials

Special Interest

Owner Information

Registration Owner(s)

Other Links

Links

Other Property Links

- Map Milwaukee
- Where Do I Vote
- Assessor's Office Property Data - Search by Taxkey, Address, or Address Range
- Property Tax Information
- Property Recording, Violations, Service Requests, Permits
- Special Improvement Bond Information
- Map Milwaukee: Property Data and Interactive Mapping

Mayor
Common Council

Departments
Calendar

Residents
Business
Visitors

Web & Email Policies
Web Contact Us

Select Language

Powered by Google Translate

Unofficial Property Record Card - Milwaukee, WI

General Property Data

Parcel ID 2340012100
Prior Parcel ID
Property Owner A & J SWAN LLC (LESSOR)
C/O CLARK MILWAUKEE INC
Mailing Address 4751 N SANTA MONICA BL

City MILWAUKEE
Mailing State WI Zip 53211
ParcelZoning LB2

Account Number 2340012100
Property Location 4751 SANTA MONICA BL Milwaukee
Property Use Special Mercantile
Most Recent Sale Date 8/7/2001
Legal Reference 8123194
Grantor META K GARDNER
Sale Price 0
Land Area 0.372 acres

Building Description

Building Style Svs Station w Conv Store
of Living Units 0
Year Built 1958
Building Grade Average
Building Condition N/A
Finished Area (SF) N/A
Number Rooms 0
of 3/4 Baths 0

Foundation Type N/A
Frame Type MASONRY BEARING WALLS
Roof Structure N/A
Roof Cover N/A
Siding Alum/Vynyl Siding
Interior Walls N/A
of Bedrooms 0
of 1/2 Baths 0

Flooring Type N/A
Basement Floor N/A
Heating Type N/A
Heating Fuel N/A
Air Conditioning 0%
of Bsmt Garages 0
of Full Baths 0
of Other Fixtures 0

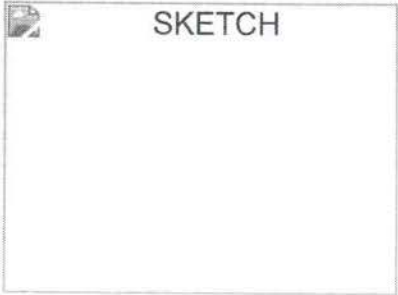
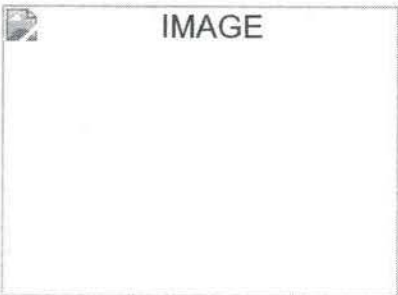
Legal Description

CERTIFIED SURVEY MAP NO 3723 IN NE 1/4 SEC 5-7-22 PART OF PARCEL 2 COM SE COR PAR 2-TH NWLY 159.78'-TH N 27.37'-TH E 10'-TH N 68.80'-TH SELY 43.36'-TH E 68'-TH S 190.94' TO PT OF COM SUBJ TO EASM'TS

Narrative Description of Property

This property contains 0.372 acres of land mainly classified as Special Mercantile with a(n) Svs Station w Conv Store style building, built about 1958 , having Alum/Vynyl Siding exterior and N/A roof cover, with 1 commercial unit(s) and 0 residential unit(s), 0 room(s), 0 bedroom(s), 0 bath(s), 0 half bath(s).

Property Images

 <p>SKETCH</p>	 <p>IMAGE</p>
---	--

REGISTER'S OFFICE
Milwaukee County, WI
RECORDED AT 9 03 PM
SEP 17 1979 838 to
REEL 1242 IMAGE 846 incl.
REGISTER
OF DEEDS

CERTIFIED SURVEY MAP NO. 3723

TAX KEY NO. 242-0225.

Being a division of a part of
LOT 133 of COMSTOCK & WILLIAMS SUB.

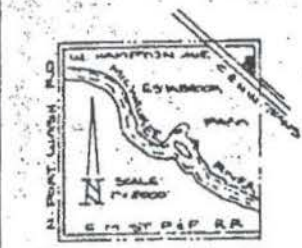
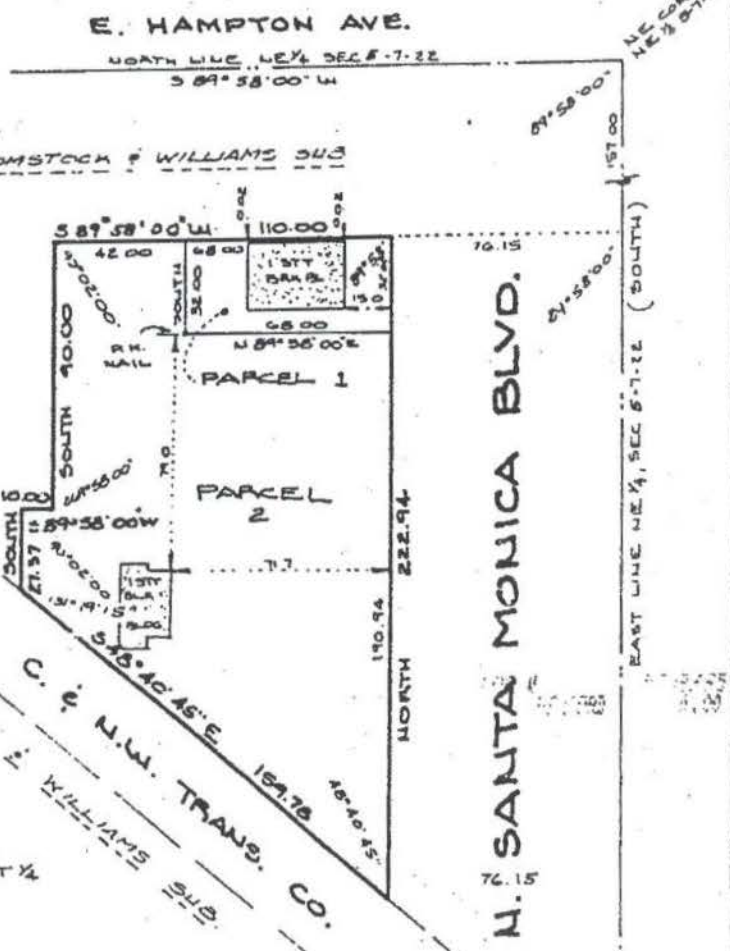
located in the

NORTHEAST 1/4 OF SECTION 5, TOWN 7 NORTH, RANGE 22 EAST
CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN

5348395

W.G. NIENOW ENGINEERING ASSOCIATES
Civil Engineers and Land Surveyors

Spacing: L - D = 40'



LOCATION MAP
NORTHEAST 1/4, SECTION 5,
TOWN 7 NORTH, RANGE 22 EAST



ALL LOT CORNERS ARE MARKED
WITH 1" x 24" IRON PIPE WGT.
1.13 LBS PER LIN FT.

ALL BEARINGS ARE REFERRED TO
THE EAST LINE OF THE NORTHEAST 1/4
OF SECTION 5-7-22 WHICH IS
ASSUMED TO BEAR "SOUTH"

RECEIVED
JUL 20 1979
DEPT. OF
CITY DEVELOPMENT

DEPT. OF CITY
DEVELOPMENT
OF MILWAUKEE
JUL 20 1979
STAFF
APPROVED
[Signature]

BUREAU OF ENGINEERS
[Signature] 8/30/79
CHIEF DRAFTSMAN
[Signature] 7/27/79
ENGR. IN CHARGE SEWER ENGR. DIV.
CORKEN
[Signature]
CITY ENGINEER
APPROVED 8/31/79

CITY FEE DEPOSITED
\$15.00 7-23-79

Clark Retail Enterprises, Inc., the responsible party for the property located at 4751 North Santa Monica Boulevard, Milwaukee, Wisconsin, states that the legal description provided to the Wisconsin Department of Natural Resources (and attached to this statement) for case file reference 03-41-000450 is complete and accurate to the best of our knowledge.

E. L. Moran

Signature of Representative for Responsible Party:

9/9/02

Date:

7207885

This Deed, made between Bradley T. Shovers and Marilyn Shovers
Grantor,
and BTSE, LLC
Grantee,

REGISTER'S OFFICE } ss
Milwaukee County, WI }
RECORDED AT 10 55 AM
APR 23 1996
REEL 3783 IMAGE 402
REGISTER OF DEEDS

Witnesseth, That the said Grantor, for a valuable consideration
conveys to Grantee the following described real estate in Milwaukee
County, State of Wisconsin:

RETURN TO Bradley T. Shovers
4771 N. Santa Monica Blvd.
Milwaukee, WI 53211

Tax Parcel No: 242-0225

Parcel 1 of Certified Survey Map 3723 recorded in the Office of the Register of Deeds for Milwaukee County, Wisconsin on September 17, 1979 in Reel 1242, Image 838, as Document 5348395, being a division of a part of Lot 133 of Comstock & Williams Subdivision, located in the Northeast One-quarter (1/4) of Section Five (5), Township Seven (7) North, Range Twenty-two (22) East, in the City and County of Milwaukee, State of Wisconsin.

Part of Parcel 2, Milwaukee County Certified Survey Map No. 3723, originally being a part of Lot 133 Comstock and Williams Subdivision of the Northeast One-quarter of Section Five (5), Township Seven (7) North, Range Twenty-two (22) East, City of Milwaukee, Milwaukee County, Wisconsin.

4771 N. Santa Monica Blvd.

FEE
77.25 (15s)
EXEMPT

7207885 #
RECORD 10.00

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

Together with all and singular the hereditaments and appurtenances thereunto belonging;
And Bradley T. Shovers and Marilyn Shovers
warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except
municipal and zoning ordinances, recorded easements for public utilities and recorded building restrictions.
and will warrant and defend the same.

Dated this 11th day of October, 1995

Bradley T. Shovers (SEAL)
Bradley T. Shovers

Marilyn Shovers (SEAL)
Marilyn Shovers

AUTHENTICATION

Signature(s) _____
authenticated this _____ day of _____, 19____

TITLE: MEMBER STATE BAR OF WISCONSIN

(If not, authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
Bradley T. Shovers

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

ACKNOWLEDGMENT

STATE OF WISCONSIN }
Milwaukee County. } ss
Personally came before me this 11th day of October, 1995 the above named Bradley T. Shovers and Marilyn Shovers

to me known to be the person 5 who executed the foregoing instrument and acknowledge the same.

Maam Green
Notary Public Milwaukee County, Wis.
My Commission is permanent. (If not, state expiration date: 12-31, 1995.)

1700

Document Number

QUIT CLAIM DEED

8082125

REGISTER'S OFFICE | SS
Milwaukee County, WI

RECORDED AT 8:00 AM
06-13-2001

WALTER R. BARCZAK
REGISTER OF DEEDS

AMOUNT 12.00

REEL 5093
IMAGE 0272

Thomas J. Aliota and Irene Aliota quit-claims to Hampton Properties, LLC their individual equal share as tenants in common for the following described real estate in Milwaukee County, State of WISCONSIN:

Name and Return Address

Law Offices of William S. Fisher
152 W. Wisconsin Avenue
Suite 412
Milwaukee WI 53203

242-0223-100

(Parcel Identification Number)

See Exhibit A for legal description

FEE
77.25 (LS)
EXEMPT

This is not homestead property.

Dated this 5/1/01 day of May, 2001.

Thomas J. Aliota
Thomas J. Aliota

Irene M. Aliota
Irene Aliota

AUTHENTICATION

Signature(s) THOMAS J. ALIOTA
IRENE M. ALIOTA

authenticated this 1ST day of MAY, 2001.

William Fisher
signature
type or print name

TITLE: MEMBER STATE BAR OF WISCONSIN

(If not, _____
authorized by ' 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY:
Law Offices of William S. Fisher
152 W. Wisconsin Avenue, Suite 412
Milwaukee, WI 53203

ACKNOWLEDGMENT

STATE OF _____ COUNTY _____

Personally came before me this _____ day of _____, 2001, the above named _____, to me known to be the person who executed the foregoing instrument and acknowledge the same.

Signature _____
Type or print name _____

Notary Public, _____ County,
My commission is permanent. (If not, state expiration date: _____)

*Names of persons signing in any capacity should be typed or printed below their signatures.

EXHIBIT A

Legal Description:

Parcel 1: That part of Lot One Hundred Thirty-three (133) in Comstock and Williams Subdivision of Lots One (1), Two (2), Three (3), Four (4), and Five (5) of Section Five (5) and the South East One-quarter (1/4) of Section Five (5) and the North west One-quarter (1/4) of Section Four (4) in Township Seven (7) North, Range Twenty-two (22) East, in the city of Milwaukee, County of Milwaukee, State of Wisconsin, bounded and described as follows: Commencing at the intersection of the Northeasterly line of the Chicago & Northwestern Railway Company's Right-of-way in said 1/4 Section and the present South line of East Hampton Avenue, which is 57.00 feet South of the North line of said 1/4 Section; running thence South 48 degrees 39' East on the Northeasterly line of said railway Right-of-way, 88.81 feet to a point which is 175.00 feet South 48 degrees 39' East of the North line of said 1/4 Section; thence Northeasterly at right angles to the Northeasterly line of said Right-of-way, 77.54 feet to a point in the present South line of East Hampton Avenue, thence Westerly on the South line of East Hampton Avenue to the point of commencement.

Parcel 2: That part of Lot One Hundred Thirty-three (133) in Comstock and Williams Subdivision of Lots One (1), Two (2), Three (3), Four (4) and Five (5) of Section Five (5) and the South East One-quarter (1/4) of Section Five (5) and the North West One-quarter (1/4) of Section Four (4) in Township Seven (7) North, Range Twenty-two (22) East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin, bounded and described as follows: Commencing at a point which is South 47.0 feet and South 89 degrees 57' West 216.15 feet (each measured on the east and North lines of said 1/4 Section respectively) from the North east corner of Said 1/4 Section, running thence South 89 degrees 57' West and parallel to the North line of Said 1/4 Section 100.16 feet to a point; thence South 41 degrees 22' west 91.28 feet to a point in the Chicago & Northwestern Railroad Right-of-way; thence South 48 degrees 39' East along said right-of-way, 240.19 feet to a point; thence North and parallel to the East line of said 1/4 Section, 27.37 feet to a point; thence North 89 degrees 57' East, 10.0 feet to a point; thence North 90.0 feet to a point; thence South 89 degrees 57' West, 30.0 feet to a point; thence North 110.0 feet to the place of commencement, except the North 10 feet thereof.

Grantor: Thomas J. and Irene M. Aliota
Grantee: Hampton Properties, LLC

REEL 5093
IMAGE 0273

POOR QUALITY DOCUMENT RECEIVED FOR RECORDING.

STATE BAR OF WISCONSIN FORM 1 - 1998
WARRANTY DEED

Document Number

8123194

REGISTER'S OFFICE 1 SS
Milwaukee County, WI

RECORDED AT 11:41 AM
08-23-2001

REEL 5143
IMAGE 2160

This Deed, made between Meta K. Gardner

Grantor,
and Meta K. Gardner, and her successors,
Trustee of the Meta K. Gardner Survivor's
Trust dated April 17, 2001

WALTER R. BARCZAK
REGISTER OF DEEDS

AMOUNT 12.00

Grantee.
Grantor, for a valuable consideration, conveys to Grantee the following
described real estate in Milwaukee County, State of Wisconsin
(the "Property"):

Recording Area

Name and Return Address

Matthew J. Linn
Attorney at Law
2327 N. Murray Avenue
Milwaukee, WI 53211

FEE
77.25 (10)
EXEMPT

234-0012-1001
Parcel Identification Number (PIN)

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

SEE ATTACHED LEGAL DESCRIPTION

Together with all appurtenant rights, title and interests.

Grantor warrants that the title to the Property is good, indefeasible in fee simple and free and clear of encumbrances except
municipal and zoning ordinances and agreements entered under them, recorded easements for the distribution of utility and municipal services,
recorded building and use restrictions and covenants, general taxes levied in the year of closing.

Dated this 7 day of August, 2001.

(SEAL)
• Meta K. Gardner
Meta K Gardner (SEAL)
• META K. GARDNER

(SEAL)

(SEAL)

AUTHENTICATION

ACKNOWLEDGMENT

Signature(s) Meta K. Gardner

State of Wisconsin,

ss.

authenticated this 7 day of August, 2001

County, }

Personally came before me this _____ day of _____ the above named

• Matthew J. Linn
TITLE: MEMBER STATE BAR OF WISCONSIN

(If not _____
authorized by §706.06, Wis. Stats.)

_____ to
me known to be the person _____ who executed the foregoing
instrument and acknowledge the same.

THIS INSTRUMENT WAS DRAFTED BY

Notary Public, State of Wisconsin
My commission is permanent. (If not, state expiration date: _____)

Matthew J. Linn
Attorney at Law
(Signatures may be authenticated or acknowledged. Both are not
necessary.)

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

LEGAL DESCRIPTION EXHIBIT

That part of Lot numbered One hundred Thirty-three (133) in Comstock and Williams' Subdivision, of Lots 1, 2, 3, 4 and 5 of Section 5 and the Northwest 1/4 of Section 4, Township 7 North, Range 22 East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin, described as follows:

Commencing at a point which is 157 feet South of the North line of the Northeast 1/4 of Section 5, Town 7 North, of Range 22 East and 76.15 feet West of the East line of said 1/4 Section; thence West and parallel to the North line of said 1/4 Section 110 feet to a point; thence South and parallel to the East line of said 1/4 Section, 50 feet to a point; thence East and parallel to the North line of said 1/4 Section, 110 feet to a point; thence North and parallel to the East line of said 1/4 Section, 50 feet to the place of beginning.

AND

Commencing at a point which is 207 feet South of the North line of the Northeast 1/4 of Section 5, Town 7 North, of Range 22 East and 76.15 feet West of the East line of said 1/4 Section; thence West and parallel to the North line of said 1/4 Section 110 feet to a point; thence South and parallel to the East line of said 1/4 Section, 40 feet to a point; thence East and parallel to the North line of said 1/4 Section, 110 feet to a point; thence North and parallel to the East line of said 1/4 Section, 40 feet to the place of beginning.

AND

Commencing at a point which is 247 feet South of the North line of the Northeast 1/4 of Section 5, Town 7 North, of Range 22 East and 76.15 feet West of the East line of said 1/4 Section thence West and parallel to the North line of said 1/4 Section 120 feet to a point; thence South and parallel to the East line of said 1/4 Section 27.37 feet to a point in the Northeasterly right of way line of the Chicago and Northwestern Railway; thence Southeasterly along the Northeasterly right of way line of the Chicago and Northwestern Railway 159.86 feet; thence North and parallel to the East line of said 1/4 Section 133 feet to the place of beginning.

AND

Certified Survey Map No. 3723, a parcel of land commencing at a point in the East line of said 1/4 Section, 157.00 feet South of the Northeast corner therefrom; thence S 89° 58' 00" W and parallel with the North line of said 1/4 Section 76.15 feet to a point in the West line of N. Santa Monica Blvd., and the point of beginning of the land to be described; thence continuing S 89° 58' 00" W 110.00 feet to a point; thence South 90.00 feet to a point; thence S 89° 58' 00" W 10.00 feet to a point; thence South 27.37 feet to a point in the Northeasterly right-of-way line of the Chicago & Northwestern Trans. Co., R.O.W.; thence S 48° 40' 45" E along the Northeasterly right-of-way line 159.78 feet to its intersection with the Westerly line of N. Santa Monica Blvd.; thence North along said Westerly line 222.94 feet to the point of beginning.

REEL

5143

IMAGE

2161



STATE BAR OF WISCONSIN FORM 7 - 2000
TRUSTEE'S DEED

Document Number

DOC.# 09655654

REGISTER'S OFFICE | SS
Milwaukee County, WI

RECORDED 10/01/2008 02:33PM

JOHN LA FAVE
REGISTER OF DEEDS
AMOUNT: 11.00
FEE EXEMPT 77.25 #: 0
TRANSFER FEE: 1200.00

Meta K. Gardner, and her successors, as Trustee of the Meta K. Gardner Survivor's Trust dated April 17, 2001 for valuable consideration conveys without warranty to A & J Swan LLC Grantee, the following described real estate in Milwaukee County, State of Wisconsin (if more space is needed, please attach addendum)

Parcel 2 of Certified Survey Map No. 3723, being a division of a part of Lot 133 of Comstock & Williams Subdivision in the Northeast 1/4 of Section 5, in Township 7 North, Range 22 East and recorded in the Register of Deeds office for Milwaukee County, on September 15, 1979, on Reel 1242, Image 838 to 840 inclusive, as Document No. 5348395, excepting that part conveyed by Warranty Deed Document No. 5755736.

Recording Area

Name and Return Address
Michael J. Widmann
631 N. Mayfair Road
Milwaukee, WI 53226

234-0012-108-1
Parcel Identification Number (PIN)

Dated this 17 day of September, 2008

* Meta K. Gardner *Meta K Gardner*
Trustee

AUTHENTICATION

Signature(s) Meta K. Gardner

authenticated this 17 day of September, 2008

* Matthew J. Linn
TITLE MEMBER STATE BAR OF WISCONSIN
(If not, authorized by §706.06, Wis Stats)

THIS INSTRUMENT WAS DRAFTED BY
Matthew J. Linn

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

* _____
Trustee

ACKNOWLEDGMENT

STATE OF _____)
) ss
_____ County)

Personally came before me this _____ day of _____, _____ the above named

to me known to be the person(s) who executed the foregoing instrument and acknowledged the same

* _____
Notary Public, State of _____
My Commission is permanent (If not, state expiration date _____)

**Click on the Column Headings to sort accordingly.
Click on the Parcel ID to view the parcel detail.**

<u>Taxkey</u>	<u>Location</u>	<u>Owner</u>	<u>Built Type</u>	<u>Total Value</u>	<u>Beds Baths</u>	<u>Lot size Fin area</u>	<u>LUC Description</u>	<u>Sale date price</u>
2340012100	4751 N SANTA MONICA BL	A & J SWAN LLC (LESSOR) C/O CLARK MILWAUKEE INC (LESSEE) AMIN BHIMANI	1958 Svs Station w Conv Store Billboard	\$565,200	0 0	16,207 453	4 Special Mercantile	8/7/2001



- HOME
- SEARCH
- SUMMARY
- INTERIOR
- EXTERIOR
- ABOUT

| [Printable Record Card](#) | [Previous Assessment](#) | [Sale Owner History](#) | [Permits](#)

Card 1 of 2

[Next Card](#)

[Last Card](#)

Location 4751 N SANTA MONICA BL	Property Account Number 2340012100	Parcel ID 2340012100
---------------------------------	---------------------------------------	----------------------

Old Parcel ID

Current Property Mailing Address

Owner A & J SWAN LLC (LESSOR) C/O CLARK MILWAUKEE INC Address 4751 N SANTA MONICA BL	City MILWAUKEE State WI Zip 53211 Zoning LB2
--	---

Current Property Sales Information

Sale Date 8/7/2001 Sale Price 0	Legal Reference 8123194 Grantor(Seller) META K GARDNER
------------------------------------	---

Narrative Description

This property contains 0.37206 - AC of land mainly classified as Special Mercantile with a(n) Svs Station w Conv Store style building, built about 1958 , having Alum/Vynyl Siding exterior and N/A roof cover, with 1 commercial unit(s) and 0 residential unit(s), 0 total room(s), 0 total bedroom(s), 0 total bath(s), 0 total half bath(s), 0 total 3/4 bath(s).

Legal Description

APPENDIX B

Closed BRRTS # 03-41-000450



ENVIRONMENTAL CLEANUP & BROWNFIELDS REDEVELOPMENT BRRTS ON THE WEB



>> SEARCH >> RESULTS >> ACTIVITY

Click the Location Name or FID below to view the Location Details page. If additional Activities are present at this location, they may be accessed from Location Details.

ACTIVITY DETAILS

CONTINUING OBLIGATIONS APPLY

Due to remaining contamination, continuing obligations apply to one or more properties. For information specific to the continuing obligations review the documentation below. Prior to constructing or reconstructing a water supply well, you need to contact DNR for approval of well construction specifications.

IMPACTED ANOTHER PROPERTY OR RIGHT-OF-WAY

A hazardous substance discharge originating from this property has impacted one or more other properties or right-of-ways (ROWS). For more information, please review the documents below. Certain exemptions regarding the cleanup of impacted properties under Wisconsin Stat. Section 292.13 may apply.

03-41-000450 CLARK OIL STATION #562

Status CLOSED	Activity Type LUST	Jurisdiction DNR RR		
Location Name CLARK OIL STATION #562		County MILWAUKEE	DNR Region SOUTHEAST	
Address 4751 N SANTA MONICA BLVD			Municipality WHITEFISH BAY	
PLSS Description NE 1/4 of the NE 1/4 of Sec 05, T07N, R22E	Latitude (WGS84) 43.1033214	Longitude (WGS84) -87.907337	Google Maps CLICK TO VIEW	RR Sites Map CLICK TO VIEW
Additional Location Description				
Additional Activity Details				Acres UNKNOWN
Facility ID 241574850	PECFA No. 53211-1043-51	EPA ID	Start Date 1989-09-28	End Date 2010-05-26

Characteristics

Date	Code	Name	File	Comment
1989-09-28	1	<u>Notification of Hazardous Substance Discharge</u>		
1989-09-28	33	<u>Tank System Site Assessment (TSSA) Report Received</u>		
1991-07-08	37	<u>Site Investigation Report (SIR) Received (non-fee)</u>		SI REPORT REC'D
1992-08-18	36	<u>Site Investigation Workplan (SIWP) Approved</u>		SI WORK PLAN APPV'D
1992-11-10	43	<u>Site Activity Status Update Received</u>		QRTLY/MTHLY STATUS RPT
1992-11-19	37	<u>Site Investigation Report (SIR) Received (non-fee)</u>		SI REPORT REC'D
1994-05-24	37	<u>Site Investigation Report (SIR) Received (non-fee)</u>		*** SITE INVESTIGATION DETERMINED BY DSPS TO BE COMPLETE - FROM DSPS DATA INTERCHANGE ***
1995-03-16	43	<u>Site Activity Status Update Received</u>		QRTLY/MTHLY STATUS RPT
1995-04-05	3	<u>Notice of Noncompliance (NON) Issued</u>		NTC OF NON COMPLIANCE
1995-08-02	39	<u>Remedial Action Options Report (RAOR) Received (non-fee)</u>		RA WORK PLAN REC'D
1995-08-29	40	<u>Remedial Action Options Report (RAOR) Approved</u>		RA WORK PLAN APPV'D
1995-09-05	99	<u>Miscellaneous</u>		RE-SCORE TO 38.00
1997-02-04	99	<u>Miscellaneous</u>		REC'D LETTER ABOUT REMEDIAL SYSTEMS OPERATION
1997-05-07	43	<u>Site Activity Status Update Received</u>		
1997-05-30	80	<u>Closure Not Recommended</u>		
1997-07-25	43	<u>Site Activity Status Update Received</u>		
1998-04-20	43	<u>Site Activity Status Update Received</u>		
1999-12-03	43	<u>Site Activity Status Update Received</u>		
1999-12-03	92	<u>Operation & Maintenance (O & M) Report Received (non-Fee)</u>		
2000-08-14	43	<u>Site Activity Status Update Received</u>		SOIL & GW REMEDIATION SYSTEM
2002-09-17	79	<u>Case Closure Review Request Received</u>		REC'D CK#37131 \$750.00 - REC'D GIS PKT GIVEN TO MW 9/20/02. JH PICKED UP 10/11/02
2002-09-18	700	<u>Database Fee Paid for Groundwater Continuing Obligation(s)</u>		REC'D CK # 37132 \$250.00
2002-10-07	90	<u>SER First In/First Out (FIFO) Review Process Started</u>		JH GIS PKT COMPLETE (MW)
2002-11-05	91	<u>SER First In/First Out (FIFO) Review Process Complete</u>		JH ADDITIONAL INFO REQUEST FOR CLOSURE DETERMINATION
2003-03-12	76	<u>Activity Transferred to DSPS (formerly Commerce)</u>		
2003-05-07	710	<u>Database Fee Paid for Soil Continuing Obligation(s)</u>		REC'D CK# 38684 \$200.00
2003-06-12	84	<u>Remaining Actions Needed</u>		*** Conditional Closure from Commerce Data Interchange ***
2010-05-26	232	<u>Continuing Obligation - Residual Soil Contamination</u>		*** AUTO POPULATED AT FINAL CLOSURE DUE TO 710 ACTION ***
2010-05-26	236	<u>Continuing Obligation - Residual GW Contamination</u>		*** AUTO POPULATED AT FINAL CLOSURE DUE TO 700 ACTION ***
2010-05-26	11	<u>Activity Closed</u>		*** NR726 Closure from Commerce Data Interchange ***
2010-05-26	56	<u>Continuing Obligation(s) Applied</u>		AUTO-POPULATED AS REPLACEMENT FOR CODE 50

Occ No	Claim No	Audit Date	Paid Date	Amt Submitted	Amt Ineligible	Amt Paid
A	2	2001-05-15	2001-08-24	\$68,696.23	\$359.74	\$68,336.49
A	3	2004-03-17	2004-05-11	\$19,976.55	\$0.00	\$19,976.55

Substances

Substance	Type	Amt Released	Units
Gasoline - Unleaded and Leaded	Petroleum		
Gasoline - Unleaded and Leaded	Petroleum		

Responsible Party

CLARK RETAIL ENTERPRISES ATTN ERIC LARSON, ANN ARBOR, MI 48104

For additional Activity information contact: [Jennifer Dorman](mailto:jennifer.dorman@wisconsin.gov) jennifer.dorman@wisconsin.gov South Central Region

BRRTS data comes from various sources, both internal and external to DNR. There may be omissions and errors in the data and delays in updating new information.

22232 | 03-41-000450

BOTW Release 3.3.4 | 08/10/2022 | [Release Notes](#) [Help](#) [Disclaimers](#) [Glossary of Terms](#)





ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
9316 North 107TH Street
Milwaukee, Wisconsin 53224-1121
TTY: Contact Through Relay
Fax: (414) 357-4700
Jim Doyle, Governor
Aaron Olver, Secretary

May 26, 2010

Mr. Amin Bhimani
700 W Wisconsin Ave
Milwaukee, WI 53233

RE: **Final Closure**

Commerce # 53211-1043-51-A DNR BRRTS # 03-41-000450
Clark Oil #562, 4751 N Santa Monica Blvd, Milwaukee

Dear Mr. Bhimani:

The Wisconsin Department of Commerce (Commerce) has received all items required as conditions for closure of the site referenced above. This site is now listed as "closed" on the Commerce database and will be included on the Department of Natural Resources (DNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual soil and groundwater contamination. To review all sites on the GIS Registry web page, visit <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. If you intend to construct or reconstruct a potable well on this property, you must get prior DNR approval.

Costs for sampling and excavation activities conducted after case closure are not eligible for PECFA reimbursement. However, if it is determined that any undisturbed remaining petroleum contamination poses a threat, the case may be reopened and further investigation or remediation may be required. If this case is reopened, any original claim under the PECFA fund would also reopen and you may apply for assistance to the extent of remaining eligibility. It is in your best interest to keep all documentation related to environmental activities at your site.

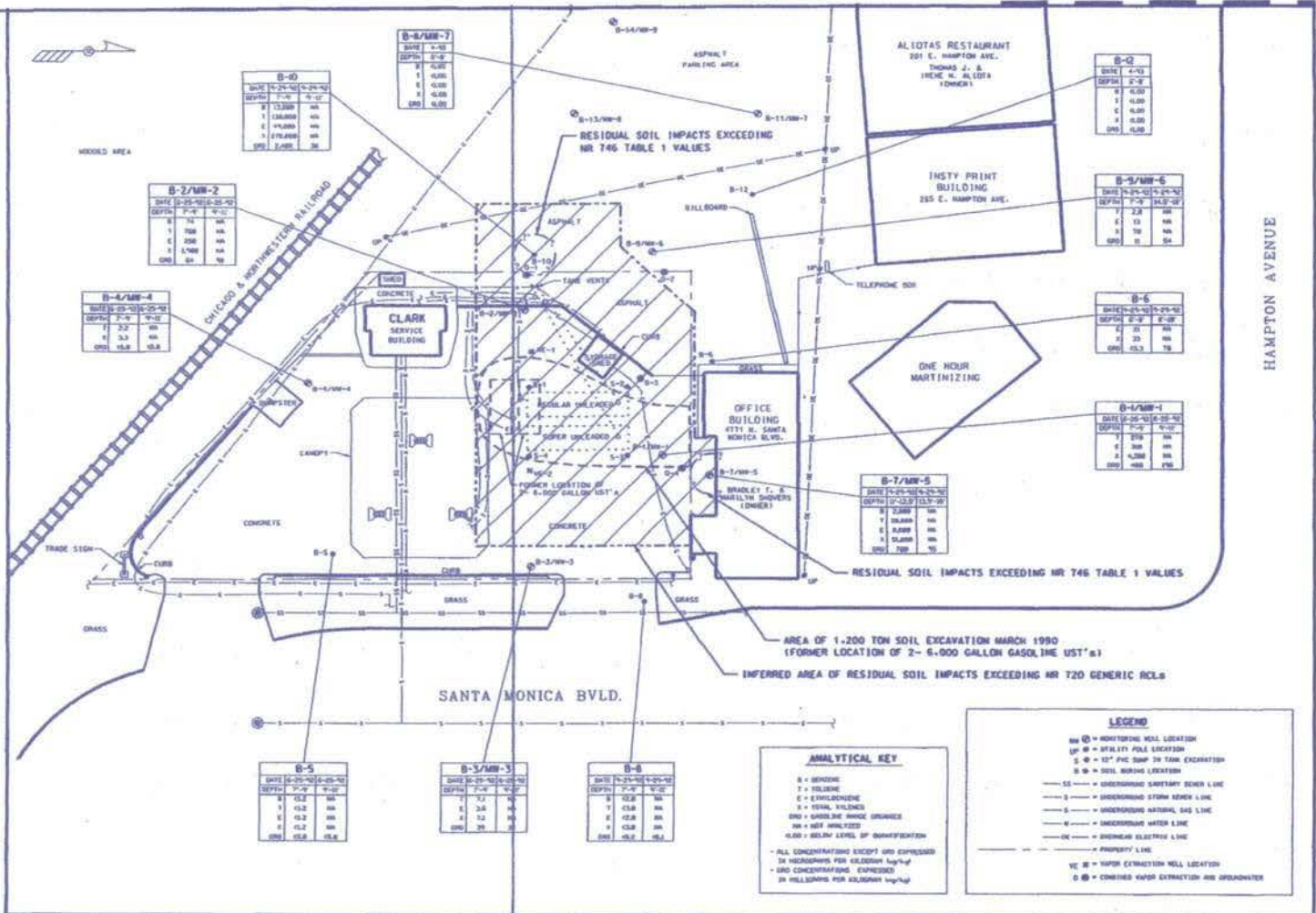
Thank you for your efforts to bring this case to closure. If you have any questions, please contact me in writing at the letterhead address or by telephone at (414) 357-4702.

Sincerely,

A handwritten signature in black ink, appearing to read "Greg Michael".

Greg Michael
Hydrogeologist
Site Review Section

cc: Sentinel Environmental Services, LLC



SIGMA
 ENVIRONMENTAL SERVICES, INC.
 230 EAST RYAN ROAD
 OAK CREEK, WISCONSIN 53154
 PHONE: (414) 768-3144
 1-800-732-4611

GRAPHIC SCALE

NO.	DATE	REVISIONS	BY	APVD

NAME	DATE
DRAWN BY: BEB	4-11-03
DESIGNED BY: DGB	4-14-03
CHECKED BY: DGB	4-14-03
APPROVED BY: DOB	4-14-03



CLARK RETAIL ENTERPRISES, INC. - STATION #562
 4751 N. SANTA MONICA BLVD., MILWAUKEE, WISCONSIN
 SOIL QUALITY MAP

DRAWING NUMBER
 C0562-44
 FIGURE 1

ANALYTICAL KEY

- B = BENZENE
- T = TOLUENE
- E = ETHYLENE
- X = XYLENE
- TRD = GASOLINE RANGE ORGANICS
- HR = HEAVY METALS
- CLD = CHLORIDE LEVEL BY BIOMONITORING
- ALL CONCENTRATIONS EXCEPT TRD AND EXPRESSED IN MICROGRAMS PER LITER (PPM) UNLESS OTHERWISE INDICATED

LEGEND

- ⊙ = MONITORING WELL LOCATION
- ⊕ = UTILITY POLE LOCATION
- ⊗ = 10" PVC SHIP IN TANK EXCAVATION
- ⊙ = SOIL BORING LOCATION
- = UNDERGROUND UTILITY BORDER LINE
- = UNDERGROUND STORM SEWER LINE
- = UNDERGROUND NATURAL GAS LINE
- = UNDERGROUND WATER LINE
- = UNDERGROUND ELECTRIC LINE
- = PROPERTY LINE
- ⊙ = VAPOR EXTRACTION WELL LOCATION
- ⊙ = CONDENSATE VAPOR EXTRACTION AND SPREADER/TRACTOR

TABLE 1
GROUNDWATER ELEVATION DATA
CLARK STATION #0562
4751 NORTH SANTA MONICA BOULEVARD
MILWAUKEE, WI

Well Number	Date	TOC Elevation	Static water Level (From TOC)	Water Table Elevation (ft)
MW-1	4/14/2003	843.13	11.42	831.71
	10/22/2001	843.13	10.24	832.89
	07/23/2001	843.13	9.41	833.72
	04/02/2001	843.13	9.2	833.93
	10/05/2000	843.13	9.1	834.03
	05/24/2000	843.13	9.13	834.00
	02/28/2000	843.13	11.37	831.76
	10/11/1999	843.13	10.22	832.91
	07/20/1999	843.13	8.71	834.42
	03/24/1999	843.13	10	833.13
	11/24/1998	843.13	10.57	832.56
	07/23/1998	843.13	9.86	833.27
	05/19/1998	843.13	9.12	834.01
	02/18/1998	843.13	10.56	832.57
	08/28/1997	843.13	9.55	833.58
	07/01/1997	843.13	8.38	834.75
	05/21/1997	843.13	---	---
	02/21/1997	843.13	11.53	831.60
	10/11/1996	843.13	10.85	832.28
	10/31/1994	100.45	10.00	90.45
06/29/1994	100.45	10.05	90.40	
04/02/1993	100.45	7.58	92.87	
02/05/1993	100.45	10.31	90.14	
10/12/1992	100.45	10.78	89.67	
07/18/1992	100.45	9.95	90.49	
MW-2	04/14/2003	843.65	11.91	831.74
	10/22/2001	843.65	10.93	832.72
	07/23/2001	843.65	9.88	833.77
	04/02/2001	843.65	8.82	834.83
	10/05/2000	843.65	9.51	834.14
	05/24/2000	843.66	9.01	834.65
	02/28/2000	843.65	11.86	831.79
	10/11/1999	843.65	10.96	832.69
	07/20/1999	843.65	9.30	834.35
	03/24/1999	843.65	9.55	834.10
	11/24/1998	843.65	11.07	832.58
	07/23/1998	843.65	10.45	833.20
	05/19/1998	843.65	8.45	835.20
	02/18/1998	843.65	---	---
	08/28/1997	843.65	10.09	833.56
	07/01/1997	843.65	7.81	835.84
	05/21/1997	843.65	---	---
	02/21/1997	843.65	---	---
	10/11/1996	843.65	11.33	832.32
	10/31/1994	100.96	12.08	88.88
06/29/1994	100.96	10.57	90.39	
04/02/1993	100.96	6.98	93.98	
02/05/1993	100.96	10.48	90.48	
10/12/1992	100.96	11.39	89.57	
07/18/1992	100.96	10.44	90.52	
MW-3	04/14/2003	842.61	10.76	831.85
	10/22/2001	842.61	9.56	833.05
	07/23/2001	842.61	8.68	833.93
	04/02/2001	842.61	8.48	834.13
	10/05/2000	842.61	8.52	834.09
	05/24/2000	842.61	8.47	834.14
	02/28/2000	842.61	---	---
	10/11/1999	842.61	9.58	833.03
	07/20/1999	842.61	8.04	834.57
	03/24/1999	842.61	9.30	833.31
	11/24/1998	842.61	10.06	832.55
	07/23/1998	842.61	10.21	832.40
	05/19/1998	842.61	8.21	834.40
	02/18/1998	842.61	9.52	833.09
	08/28/1997	842.61	9.01	833.60
	07/01/1997	842.61	7.74	834.87
	05/21/1997	842.61	9.17	833.44
	02/21/1997	842.61	10.28	832.33
	10/11/1996	842.61	9.83	832.78
	10/31/1994	99.93	10.68	89.25
06/29/1994	99.93	9.05	90.88	
04/02/1993	99.93	6.74	93.19	
02/05/1993	99.93	9.74	90.19	
10/12/1992	99.93	10.11	89.82	
07/18/1992	99.93	9.34	90.59	

KEY:
TOC = Top of well casing
ft = feet below ground surface
Note: Site was surveyed to a USGS benchmark on July 3, 1997

TABLE 2 (Cont.)
 GROUNDWATER ELEVATION DATA
 CLARK STATION #0362
 4751 NORTH SANTA MONICA BOULEVARD
 MILWAUKEE, WI

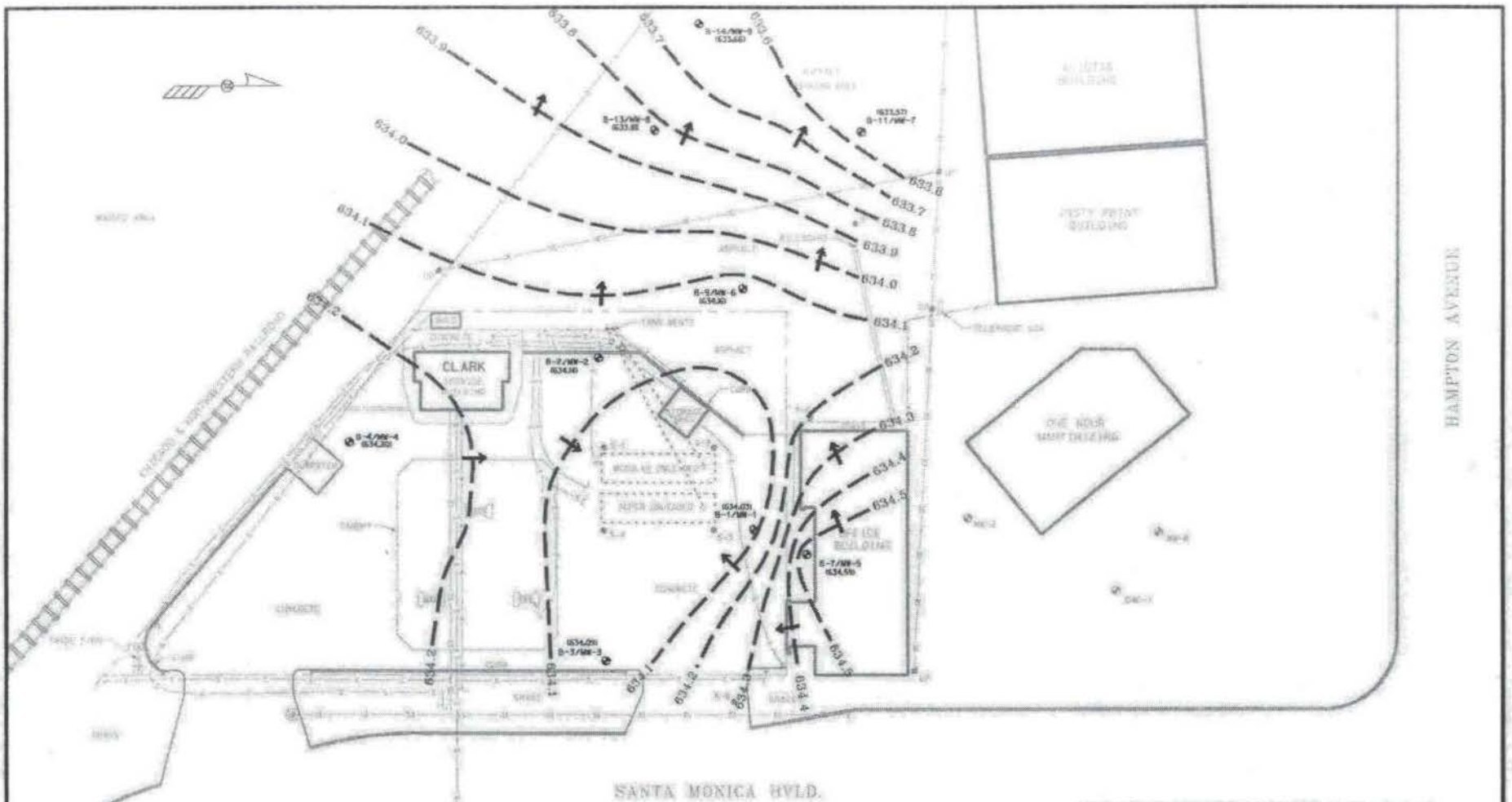
Well Number	Date	TOC Elevation	Static water Level (From TOC)	Water Table Elevation (ft)
MW-4	4/14/2003	643.25	11.41	631.84
	10/22/2001	643.25	10.57	632.68
	07/23/2001	643.25	9.57	633.68
	04/02/2001	643.25	8.31	634.94
	10/05/2000	643.25	8.95	634.30
	05/24/2000	643.25	7.99	635.26
	02/28/2000	643.25	---	---
	10/11/1999	643.25	10.5	632.75
	07/20/1999	643.25	8.85	634.40
	03/24/1999	643.25	9.63	633.72
	11/24/1998	643.25	10.55	632.70
	07/23/1998	643.25	7.18	638.09
	05/19/1998	643.25	5.15	638.10
	02/18/1998	643.25	10.43	632.82
	08/28/1997	643.25	9.53	633.72
	07/01/1997	643.25	7.89	635.36
	05/21/1997	643.25	8.37	634.88
	02/21/1997	643.25	10.58	632.67
	10/11/1996	643.25	10.67	632.58
	10/31/1994	100.53	11.30	89.23
08/29/1994	100.53	10.04	90.49	
04/02/1993	100.53	5.79	94.74	
02/05/1993	100.53	9.72	90.81	
10/12/1992	100.53	10.98	89.57	
07/16/1992	100.53	9.98	90.55	
MW-5	04/14/2003	643.99	11.21	632.78
	10/22/2001	643.99	10.12	633.87
	07/23/2001	643.99	9.42	634.57
	04/02/2001	643.99	9.39	634.60
	10/05/2000	643.99	9.40	634.59
	05/24/2000	643.99	9.84	634.35
	02/28/2000	643.99	11.20	632.79
	10/11/1999	643.99	10.19	633.80
	07/20/1999	643.99	9.07	634.92
	03/24/1999	643.99	10.11	633.88
	11/24/1998	643.99	10.63	633.38
	07/23/1998	643.99	9.87	634.12
	05/19/1998	643.09	9.56	633.53
	02/18/1998	643.09	10.81	632.48
	08/28/1997	643.09	9.75	633.34
	07/01/1997	643.09	8.98	634.11
	05/21/1997	643.09	10.53	632.56
	02/21/1997	643.09	11.04	632.05
	10/11/1996	643.09	10.50	632.59
	10/31/1994	100.48	11.40	89.06
08/29/1994	100.48	10.19	90.27	
04/02/1993	100.48	8.43	92.03	
02/05/1993	100.48	10.58	89.90	
10/12/1992	100.48	10.90	89.56	
07/16/1992	100.48	---	---	
MW-6	04/14/2003	642.38	11.02	631.34
	10/22/2001	642.38	9.82	632.54
	07/23/2001	642.38	8.99	633.37
	04/02/2001	642.38	8.25	634.11
	10/05/2000	642.38	8.20	634.18
	05/24/2000	642.38	8.20	634.18
	02/28/2000	642.38	10.58	631.80
	10/11/1999	642.38	9.83	632.53
	07/20/1999	642.38	8.50	633.88
	03/24/1999	642.38	9.25	633.11
	11/24/1998	642.38	9.88	632.48
	07/23/1998	642.38	9.32	633.04
	05/19/1998	642.38	7.82	634.54
	02/18/1998	642.38	9.43	632.93
	08/28/1997	642.38	9.05	633.31
	07/01/1997	642.38	9.18	633.18
	05/21/1997	642.38	8.83	633.73
	02/21/1997	642.38	10.15	632.21
	10/11/1996	642.38	9.99	632.37
	10/31/1994	99.66	10.84	89.02
08/29/1994	99.66	5.47	94.19	
04/02/1993	99.66	6.42	93.24	
02/05/1993	99.66	9.35	90.31	
10/12/1992	99.66	10.20	89.48	
07/16/1992	99.66	---	---	

KEY:
 TOC = Top of well casing
 ft = feet below ground surface
 Note: Site was surveyed to a USGS benchmark on July 3, 1997

Table 2 (Cont.)
 GROUNDWATER ELEVATION DATA
 CLARK STATION #0562
 4751 NORTH SANTA MONICA BOULEVARD
 MILWAUKEE, WI

Well Number	Date	TOC Elevation	Static water Level (From TOC)	Water Table Elevation (ft)
MW-7	4/14/2003	842.12	10.54	631.58
	10/22/2001	842.12	9.09	632.43
	07/23/2001	842.12	8.87	633.25
	04/02/2001	842.12	8.24	633.88
	10/05/2000	842.12	8.55	633.57
	05/24/2000	842.12	8.1	634.02
	02/28/2000	842.12	10.44	631.68
	10/11/1999	842.12	9.72	632.40
	07/20/1999	842.12	8.46	633.66
	03/24/1999	842.12	9.17	632.95
	11/24/1998	842.12	9.73	632.39
	07/23/1998	842.12	9.16	632.96
	05/19/1998	842.12	7.99	634.13
	02/18/1998	842.12	9.57	632.55
	08/28/1997	842.12	8.95	633.17
	07/01/1997	842.12	7.24	634.88
	05/21/1997	842.12	8.90	633.52
	02/21/1997	842.12	9.91	632.21
	10/11/1996	842.12	9.81	632.31
	10/31/1994	99.41	10.44	88.97
06/29/1994	99.41	9.35	90.06	
04/02/1993	99.41	6.62	92.79	
02/05/1993	99.41	---	---	
10/12/1992	99.41	---	---	
07/16/1992	99.41	---	---	
MW-8	04/14/2003	841.68	9.99	631.69
	10/22/2001	841.68	9.17	632.51
	07/23/2001	841.68	8.27	633.41
	04/02/2001	841.68	7.39	634.29
	10/05/2000	841.68	7.87	633.81
	05/24/2000	841.68	7.22	634.46
	02/28/2000	841.68	8.89	631.79
	10/11/1999	841.68	9.21	632.47
	07/20/1999	841.68	7.81	633.87
	03/24/1999	841.68	8.45	633.23
	11/24/1998	841.68	9.20	632.48
	07/23/1998	841.68	8.64	633.04
	05/19/1998	841.68	7.21	634.47
	02/18/1998	841.68	9.05	632.63
	08/28/1997	841.68	8.37	633.31
	07/01/1997	841.68	8.21	635.47
	05/21/1997	841.68	8.15	633.53
02/21/1997	841.68	9.37	632.31	
10/11/1996	841.68	9.35	632.33	
08/30/1995	841.68	8.72	632.96	
MW-9	04/14/2003	841.37	9.73	631.64
	10/22/2001	841.37	8.94	632.43
	07/23/2001	841.37	7.99	633.38
	04/02/2001	841.37	7.26	634.11
	10/05/2000	841.37	7.71	633.66
	05/24/2000	841.37	7.08	634.29
	02/28/2000	841.37	9.65	631.72
	10/11/1999	841.37	9.00	632.37
	07/20/1999	841.37	7.67	633.70
	03/24/1999	841.37	8.39	632.98
	11/24/1998	841.37	8.95	632.42
	07/23/1998	841.37	9.34	632.03
	05/19/1998	841.37	7.09	634.28
	02/18/1998	841.37	8.80	632.57
	08/28/1997	841.37	8.15	633.22
	07/01/1997	841.37	8.18	635.19
	05/21/1997	841.37	8.00	633.37
02/21/1997	841.37	9.08	632.29	
10/11/1996	841.37	9.14	632.23	

KEY:
 TOC = Top of well casing
 ft = feet below ground surface
 Note: Site was surveyed to a USGS benchmark on July 3, 1997



NOTES:
 1. KNOWN UTILITIES, STRUCTURES AND PIPING ADJACENT TO OR EXPECTED TO BE ENCOUNTERED IN THE WORK ARE SHOWN ON THE DRAWINGS. THE LOCATIONS SHOWN ARE TAKEN FROM EXISTING RECORDS AND SITE OBSERVATIONS; HOWEVER, IT IS EXPECTED THAT THERE MAY BE SOME DISCREPANCIES AND OMISSIONS IN THE LOCATIONS AND QUANTITIES OF UTILITIES AND STRUCTURES SHOWN. THESE SHOWN ARE FOR THE CONVEYANCE OF THE CONTRACTOR ONLY, AND NO RESPONSIBILITY IS ASSUMED BY EITHER THE OWNER OR THE ENGINEER FOR THEIR ACCURACY OR COMPLETENESS.
 2. SITE PLAN DRAWING SHOWS EXISTING SITE CONDITIONS PROVIDED FOR CONTRACTORS INFORMATION. THERE IS NO MORE TO BE COMPLETED BY THE CONTRACTOR SHOWN ON THIS DRAWING.

LEGEND

- MW - MONITORING WELL LOCATION
- UP - UTILITY POLE LOCATION
- 12" - 12" PVC SUMP IN TANK EXCAVATION
- SB - SOIL BORING LOCATION
- UNDERGROUND SANITARY SEWER LINE
- UNDERGROUND STORM SEWER LINE
- UNDERGROUND NATURAL GAS LINE
- UNDERGROUND WATER LINE
- OVERHEAD ELECTRIC LINE
- PROPERTY LINE
- GROUNDWATER CONTOUR LINE, CONTOUR INTERVAL = 1'
- STATIC GROUNDWATER LEVEL (OCT. 2000)
- GROUNDWATER FLOW DIRECTION

SIGMA
 ENVIRONMENTAL SERVICES
 220 EAST RYAN ROAD
 OAK CREEK, WISCONSIN 53154
 PHONE: (414) 768 - 7144
 1-800-752-4671

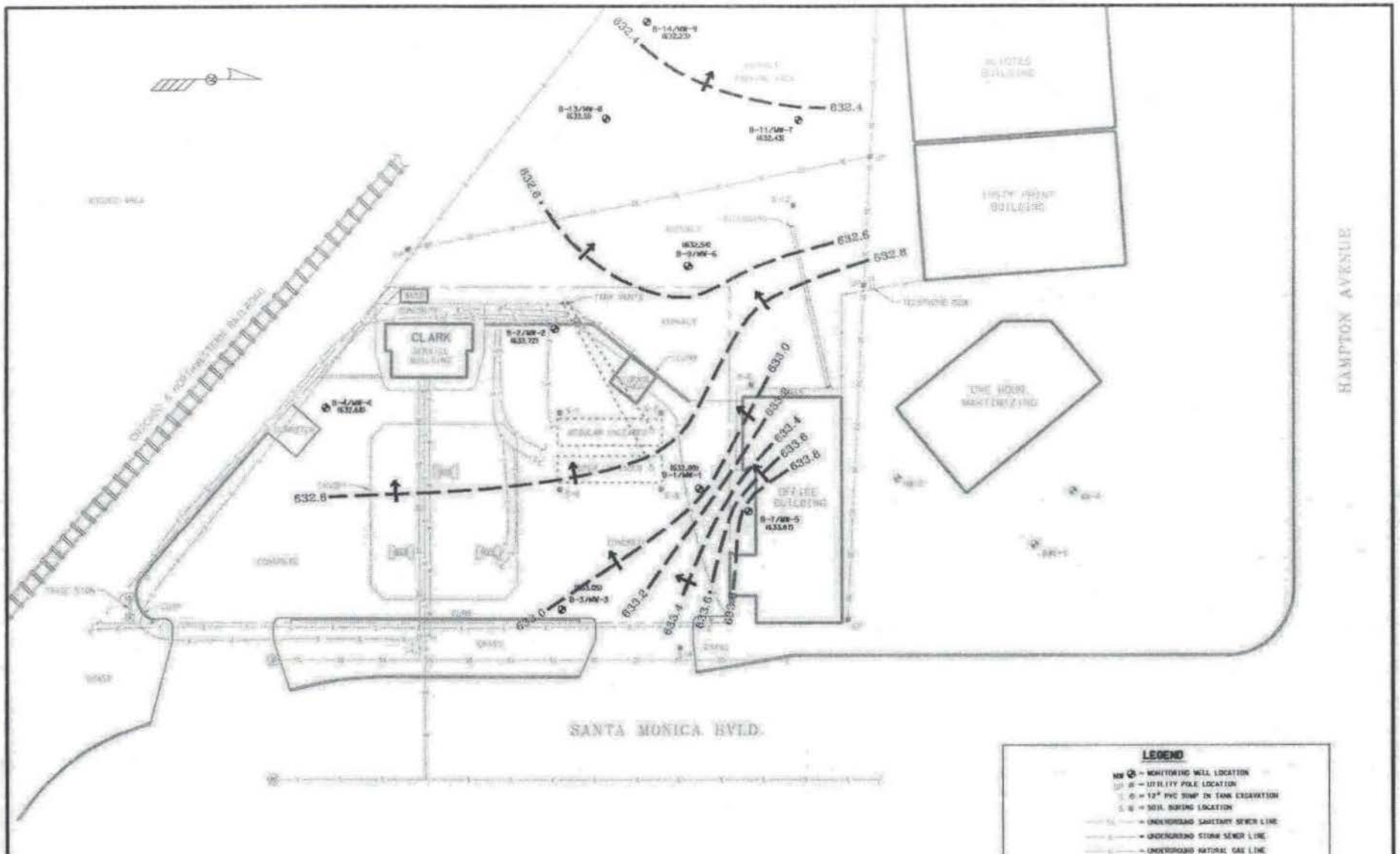
NO	DATE	REVISIONS	BY	APVD

NAME:	DATE:
DRAWN BY: BEB	3-4-97
DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	



CLARK REFINING AND MARKETING, INC. - STATION #562
 GROUNDWATER AND SOIL REMEDIATION SYSTEM
 GROUNDWATER CONTOUR MAP (OCTOBER 2000)

DRAWING NUMBER
 C0562-40
FIGURE 3



NOTES:
 1. KNOWN UTILITIES, STRUCTURES AND PIPING ADJACENT TO OR EXPECTED TO BE ENCOUNTERED IN THE WORK ARE SHOWN ON THE DRAWINGS. THE LOCATIONS SHOWN ARE TAKEN FROM EXISTING RECORDS AND SITE OBSERVATIONS; HOWEVER, IT IS EXPECTED THAT THERE MAY BE SOME DISCREPANCIES AND OMISSIONS IN THE LOCATIONS AND QUANTITIES OF UTILITIES AND STRUCTURES SHOWN. THOSE SHOWN ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY, AND NO RESPONSIBILITY IS ASSUMED BY EITHER THE OWNER OR THE ENGINEER FOR THEIR ACCURACY OR COMPLETENESS.
 2. SITE PLAN DRAWING SHOWS EXISTING SITE CONDITIONS PROVIDED FOR CONTRACTORS. INFORMATION. THERE IS NO WORK TO BE COMPLETED BY THE CONTRACTOR SHOWN ON THIS DRAWING.

LEGEND

- MW (circle with cross) = MONITORING WELL LOCATION
- U (circle with cross) = UTILITY POLE LOCATION
- ⊕ = 12" PVC SUMP IN TANK EXCAVATION
- S (circle with cross) = SOIL BORING LOCATION
- (dashed line) = UNDERGROUND SANITARY SEWER LINE
- (dashed line) = UNDERGROUND STORM SEWER LINE
- (dashed line) = UNDERGROUND NATURAL GAS LINE
- (dashed line) = UNDERGROUND WATER LINE
- (dashed line) = OVERHEAD ELECTRIC LINE
- (solid line) = PROPERTY LINE
- (thick dashed line) = GROUNDWATER CONTOUR LINE, CONTOUR INTERVAL = .2'
- C 1 - STATIC GROUNDWATER LEVEL (OCT. 2001)
- = GROUNDWATER FLOW DIRECTION

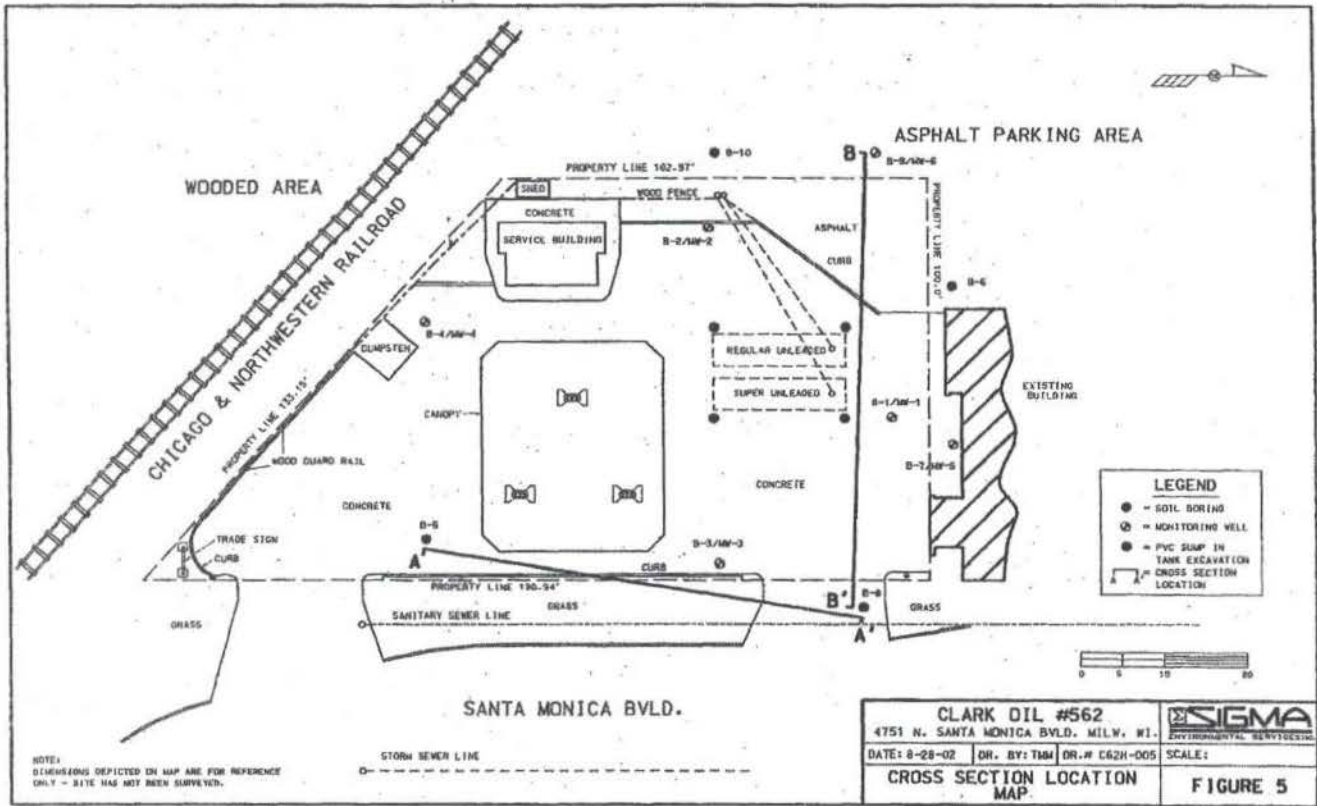
SIGMA
 ENVIRONMENTAL SERVICES INC.
 220 EAST RYAN ROAD
 OAK CREEK, WISCONSIN 53154
 PHONE : (414) 758 - 7144
 1-800-732-4671

NO	DATE	REVISIONS	BY	APVD

NAME	DATE
DRAWN BY: BEB	3-4-97
DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	

CLARK CLARK REFINING AND MARKETING, INC. - STATION #562
 GROUNDWATER AND SOIL REMEDIATION SYSTEM
 GROUNDWATER CONTOUR MAP (OCTOBER 2001)

DRAWING NUMBER
 C0562-43
FIGURE 6



**Table 2
Soil Sample Analytical Results
Clark Retail Enterprises
Station #0562
Milwaukee, Wisconsin**

Date Sampled Soil Boring I.D.	Photo-Ionization Detector (i.u.i.)	Petroleum Volatile Organic Compounds (µg/kg)					(mg/kg)	
		Benzene	Ethyl- benzene	Toluene	Total Xylene	Methyl-tert butyl ether	GRO	Total Lead
NR 720 RCL	---	5.5	2,900	1,500	4,100	---	100	50
NR 746 Table 1	---	2,500	4,600	38,000	42,000	---	---	---
NR 746 Table 2	---	1,100	---	---	---	---	---	---
June-92								
B-1/7-9'	4,084.0	<6.0	310	270	4,200	<6.0	400	3.4
B-1/9-11'	109.0	NA	NA	NA	NA	NA	190	NA
B-2/7-9'	3,975.0	74	250	760	1,900	<2.4	64	3.8
B-2/9-11'	15.0	NA	NA	NA	NA	NA	98	NA
B-3/7-9'	1,965.0	<1.2	3.6	7.1	7.1	<1.2	39	<1.2
B-3/9-11'	112.0	NA	NA	NA	NA	NA	35	NA
B-4/7-9'	0.0	<1.1	<1.1	2.2	3.3	<1.1	<6.0	2.1
B-4/9-11'	0.0	NA	NA	NA	NA	NA	<6.0	NA
B-5/7-9'	0.0	<1.2	<1.2	<1.2	<1.2	<1.2	<5.8	18
B-5/9-11'	0.0	NA	NA	NA	NA	NA	<5.0	NA
September-92								
B-6/8-8'	36.1	<5.0	21	<5.0	33	<5.4	<5.3	<1.1
B-6/8-10'	163.0	NA	NA	NA	NA	NA	70	NA
B-7/11-12.5'	876.0	2,100	2,500	20,000	51,000	200	700	1.6
B-7/13.5-15'	184.0	NA	NA	NA	NA	NA	95	NA
B-8/7-9'	0.0	<2.0	<2.0	<3.0	<3.0	<2.0	<6.2	<1.2
B-8/9-11'	0.0	NA	NA	NA	NA	NA	<6.1	NA
B-9/7-9'	2,181.0	<1.0	13	2	70	<1.0	11	<1.1
B-9/14.5-16'	871.0	NA	NA	NA	NA	NA	54	NA
B-10/7-9'	>2,500	13,000	49,000	130,000	27,000	<5.9	2,400	2.3
B-10/9-11'	1,010.0	NA	NA	NA	NA	NA	38	NA
April-93								
B-11/8-8'	2.6	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	3.6
B-12/6-8'	3.7	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	4.5

Note:

- <LOQ = Less than the Laboratory Level of Quantification
- NA = Not Analyzed
- i.u.i. = Instrument Units as Isobutylene
- 74 = Exceeds NR 720 Generic RCL
- 13,000 = Exceeds NR 746 Table 1 Value

Table 4
Groundwater Quality Results
Clark Retail Enterprises
Station #0562
Milwaukee, Wisconsin

Date Sampled	Petroleum Volatile Organic Compounds (µg/l)								
	Benzene	Ethyl-benzene	Toluene	Total Xylene	1,3,5-TMB	1,2,4-TMB	Total TMB	Methyl-tert butyl ether	Soluble Lead
NR 140 ES	5	700	1,000	10,000	---	---	480	60	15
NR 140 PAL	0.5	140	200	1,000	---	---	96	12	1.5
7/16/1992	<u>8,100</u>	<u>3,100</u>	<u>10,000</u>	<u>16,900</u>	<100	1,300	<u>1,300</u>	<u>1,500</u>	<u>69</u>
4/26/1993	<u>2,800</u>	<u>1,100</u>	<u>20,000</u>	<u>9,000</u>	1,000	1,000	<u>2,000</u>	NA	<u>70</u>
6/29/1994	FP	FP	FP	FP	FP	FP	FP	FP	FP
10/31/1994	FP	FP	FP	FP	FP	FP	FP	FP	FP
10/11/1996	FP (0.25')	FP (0.25')	FP (0.25')	FP (0.25')	FP (0.25')	FP (0.25')	FP (0.25')	FP (0.25')	FP (0.25')
2/21/1997	FP (0.59')	FP (0.59')	FP (0.59')	FP (0.59')	FP (0.59')	FP (0.59')	FP (0.59')	FP (0.59')	FP (0.59')
5/21/1997	FP	FP	FP	FP	FP	FP	FP	FP	FP
8/28/1997	<u>417</u>	<u>1,000</u>	<u>13,100</u>	<u>17,800</u>	1,370	5,450	<u>6,820</u>	<500	NA
2/18/1998	<u>240</u>	<u>2,100</u>	<u>4,500</u>	<u>24,000</u>	1,700	5,300	<u>7,000</u>	<250	NA
5/19/1998	<200	<u>1,400</u>	<u>21,000</u>	<u>24,000</u>	1,500	5,000	<u>6,500</u>	<2000	NA
7/23/1998	<250	<u>1,100</u>	<u>14,000</u>	<u>22,000</u>	1,800	4,900	<u>6,700</u>	<100	NA
11/24/1998	<u>73</u>	<u>390</u>	<u>6,900</u>	<u>12,100</u>	1,100	2,700	<u>3,800</u>	<11	NA
3/24/1999	<u>170</u>	<u>520</u>	<u>4,000</u>	<u>11,800</u>	1,500	3,700	<u>5,200</u>	<u>18</u>	NA
7/20/1999	<u>68</u>	<u>450</u>	<u>8,700</u>	<u>13,500</u>	1,500	3,700	<u>5,200</u>	<22	NA
10/11/1999	<u>38</u>	<u>790</u>	<u>11,000</u>	<u>15,500</u>	1,300	3,700	<u>5,000</u>	<32	NA
2/28/2000	<u>62</u>	<u>140</u>	<u>990</u>	<u>4,600</u>	1,800	2,800	<u>4,600</u>	<8.0	NA
5/24/2000	<u>49</u>	<u>230</u>	<u>3,200</u>	<u>6,900</u>	1,300	1,700	<u>3,000</u>	<4.4	NA
10/5/2000	<u>27</u>	<u>540</u>	<u>3,500</u>	<u>10,900</u>	1,600	2,500	<u>4,100</u>	10	NA
4/2/2001	<u>28</u>	<u>420</u>	<u>3,200</u>	<u>9,500</u>	1,600	2,600	<u>4,200</u>	<5.0	NA
7/23/2001	<56	<u>100</u>	<u>9,500</u>	<u>14,400</u>	1,900	3,400	<u>5,300</u>	<54	NA
10/22/2001	<22	<u>740</u>	<u>6,000</u>	<u>12,800</u>	1,600	2,900	<u>4,500</u>	<22	NA
3/20/2003	<u>48</u>	<u>320</u>	<u>830</u>	<u>7,000</u>	2,000	2,100	<u>4,100</u>	<23	<u>310</u>

Note:

790 = Concentration in excess of Chapter NR 140 Groundwater Quality Enforcement Standards

140 = Concentration in excess of Chapter NR 140 Groundwater Quality Preventive Action Limit

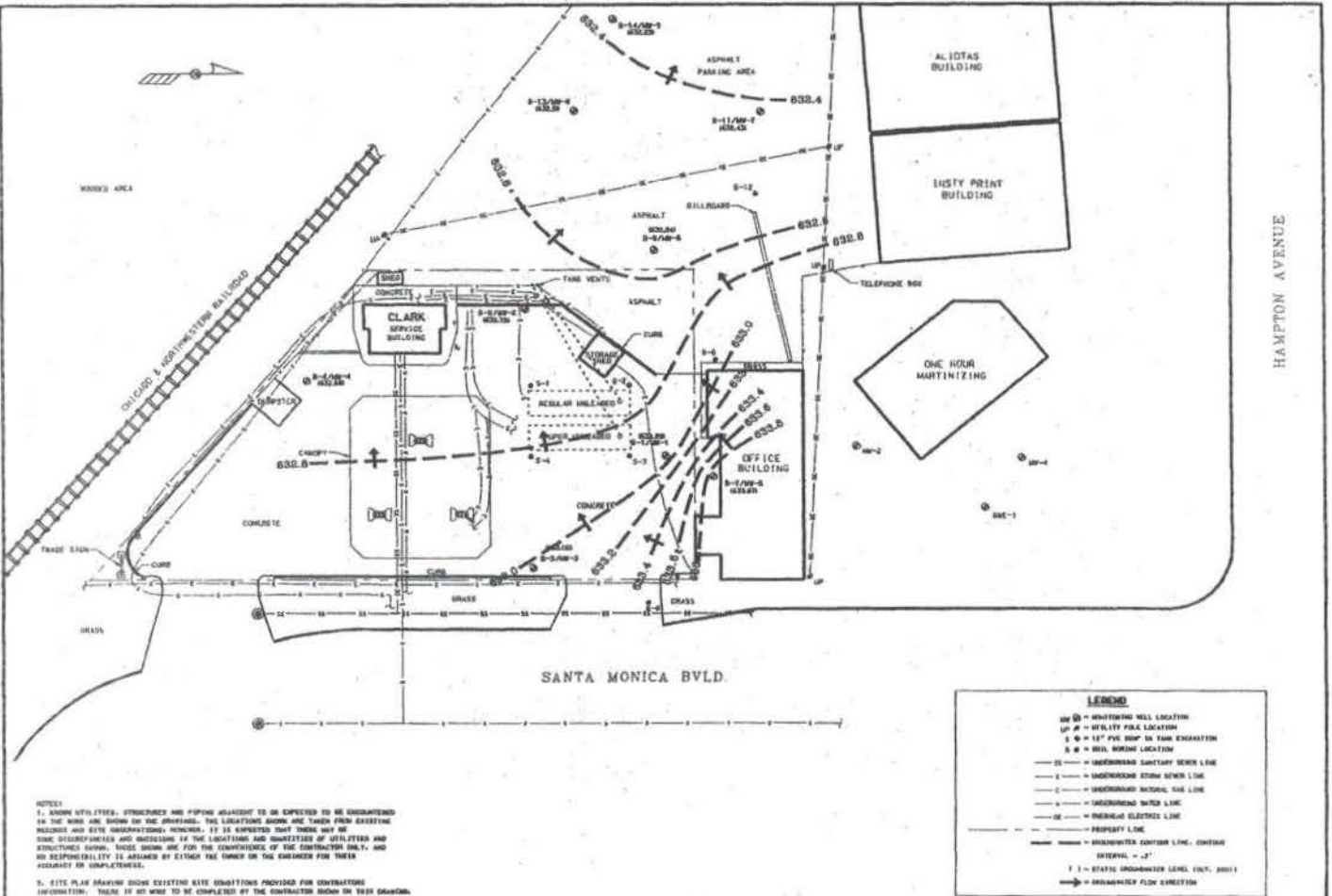
NA = Constituent Not Analyzed

FP = Free Product

µg/l = Micrograms per liter

¹ = Groundwater recovery system started on October 21, 1996

² = Remediation system shutdown Spring 2000 (before 5/24/2000 sampling)



NOTES:
 1. KNOWN UTILITIES, STRUCTURES AND PIPING ADJACENT TO OR EXPECTED TO BE ENCOUNTERED IN THE WORK ARE SHOWN ON THE DRAWING. THE LOCATIONS SHOWN ARE TAKEN FROM EXISTING RECORDS AND SITE OBSERVATIONS; HOWEVER, IT IS ANTICIPATED THAT THERE MAY BE SOME DISCREPANCIES AND OMISSIONS IN THE LOCATIONS AND QUANTITIES OF UTILITIES AND STRUCTURES SHOWN. THESE SHOWN ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY, AND NO RESPONSIBILITY IS ASSIGNED BY EITHER THE OWNER OR THE ENGINEER FOR THEIR ACCURACY OR COMPLETENESS.
 2. SITE PLAN SHOWS EXISTING SITE CONDITIONS PROVIDED FOR CONTRACTOR'S INFORMATION. THERE IS NO WAY TO BE COMPLETED BY THE CONTRACTOR SOON OR VERY SOON.

LEGEND

- ⊙ = WHITING WELLS LOCATION
- ⊙ = HEAVY PIPE LOCATION
- ⊙ = 12" PVC PIPE IN TANK EXHAUSTION
- ⊙ = WELLS LOCATION
- — — = UNDERGROUND SANITARY SEWER LINE
- — — = UNDERGROUND STORM SEWER LINE
- — — = UNDERGROUND WATER LINE
- — — = UNDERGROUND GAS LINE
- — — = UNDERGROUND ELECTRIC LINE
- — — = PROPERTY LINE
- — — = GROUNDWATER CENTER LINE, CENTER INTERVAL = 2'
- — — = STATIC GROUNDWATER LEVEL (FEB. 2001)
- = DIRECTION FLOW DIRECTION

SIGMA
 ENVIRONMENTAL SERVICES
 220 EAST WYAR ROAD
 OAK CREEK, WISCONSIN 53154
 PHONE: 1-414-765-7454
 1-800-732-4871

NO	DATE	REVISIONS	BY	APVD

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	

CLARK REFINING AND MARKETING, INC. - STATION #562
 GROUNDWATER AND SOIL REMEDIATION SYSTEM
 GROUNDWATER CONTOUR MAP (OCTOBER 2001)

DRAWING NUMBER
 C0562-43
FIGURE 6

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

Verification Only of Fill and Seal

Route to:

Drinking Water Watershed/Wastewater Remediation/Redevelopment

Waste Management Other: _____

1. Well Location Information				2. Facility / Owner Information			
County Milwaukee		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name Former Clark #562	
Latitude / Longitude (Degrees and Minutes) ____ ° ____ ' ____ " N ____ ° ____ ' ____ " W				Facility ID (FID or PWS) 241574850			
Method Code (see instructions) _____				License/Permit/Monitoring # MW-5			
1/4 NE 1/4 NE or Gov't Lot #		Section 05	Township 07 N	Range 22	<input checked="" type="checkbox"/> E <input type="checkbox"/> W		
Well Street Address 4751 N. Santa Monica Blvd.				Original Well Owner Clark Oil			
Well City, Village or Town Milwaukee				Present Well Owner Amin Bhimani			
Subdivision Name _____				Mailing Address of Present Owner 700 W. Wisconsin Ave., Ste #3			
Well ZIP Code 53211				City of Present Owner Milwaukee		State WI	ZIP Code 53233
Reason For Removal From Service Site Closed				WI Unique Well # of Replacement Well _____			

3. Well / Drillhole / Borehole Information				4. Pump, Liner, Screen, Casing & Sealing Material			
<input checked="" type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) unknown		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____		If a Well Construction Report is available, please attach. _____		Screen removed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Casing left in place? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Total Well Depth From Ground Surface (ft.) 15		Casing Diameter (in.) 2		Was casing cut off below surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) unknown		Casing Depth (ft.) unknown		Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		Depth to Water (feet) 8.65		If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Required Method of Placing Sealing Material: <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): Gravity		Sealing Materials: <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.) <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " " <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Chips		For Monitoring Wells and Monitoring Well Boreholes Only: <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry		5. Material Used To Fill Well / Drillhole	
From (ft.) Surface		To (ft.) 15		No. Yards, Sacks Sealant or Volume (circle one) 0.33 ft³		Mix Ratio or Mud Weight	

6. Comments

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Sentinel Env. Services, LLC		License # 940910	Date of Filling & Sealing (mm/dd/yyyy) 06/02/09	Date Received	Noted By
Street or Route P.O. Box 865		Telephone Number 262-375-8110		Comments	
City Grafton	State WI	ZIP Code 53024	Signature of Person Doing Work Dave Lennon	Date Signed 02/16/10	

Locality/Project Name: Clark 562 Grid Location: _____ Well Name: B-7/mw-5

Primary License, Permit or Monitoring Number: _____ Section Location: NE 1/4 of NE 1/4 of Section 5

Type of Well: Water Table Observation Well Piezometer Date Well Installed: 09/29/92

Distance Well is from Waste/Source Boundary: 30' Location of Well Relative to Watercourse: Downgradient Well Installed by: OSI ENVIRONMENTAL

Is Well a Point of Enforcement in Application? Yes No Location of Well Relative to Watercourse: Upgradient Downgradient Not Known

A. Protective pipe, top elevation ----- ft. MSL

B. Well casing, top elevation ----- ft. MSL

C. Land surface elevation ----- ft. MSL

D. Surface seal, bottom ----- ft. MSL or ft.

1. Cap and lock! Yes No

2. Protective cover pipe:
a. Inside diameter: 2.0 in.
b. Length: 1.0 ft.
c. Material: Al Steel Other

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: Granular Bentonite 33
Lbs/gal mud weight... Bentonite-sand slurry 35
Lbs/gal mud weight... Bentonite slurry 31
% Bentonite... Bentonite-cement grout 50
How installed: Tremie 01
Tremie pump 02
Gravity 08

6. Bentonite seal: Bentonite granules 33
 1/4 in. 3/8 in. 1/2 in. Bentonite pellets 32
Other

7. Fine sand material: Manufacturer, product name and mesh size
#100 FINE SAND
Volume added: _____ ft³

8. Filter pack material: Manufacturer, product name and mesh size
#30 FINE SAND
Volume added: _____ ft³

9. Well casing: Finish threaded PVC schedule 40 23
Finish threaded PVC schedule 80 24
Other

10. Screen material: PVC Factory cut 11
Continuous slot 01
Other

Manufacturer: Timco
Slot size: 0.010 in.
Slotted length: 2.6 ft.

11. Borehole material (below filterpack): None
Other

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

17. Source of water (attach analysis): _____

E. Bentonite seal, top ----- ft. MSL or ft.

F. Fine sand, top ----- ft. MSL or ft.

G. Filter pack, top ----- ft. MSL or ft.

H. Well screen, top ----- ft. MSL or ft.

I. Well screen, bottom ----- ft. MSL or ft.

J. Filter pack, bottom ----- ft. MSL or ft.

K. Bentonite, bottom ----- ft. MSL or ft.

L. Borehole diameter ----- in.

M. O.D. well casing ----- in.

N. I.D. well casing ----- in.

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

Signature: [Signature] Date: _____

These instructions and return both sides of this form as required by DNR, Wis. Stats., and 109.112, Wis. Admin. Code, in accordance with 109.114, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$5,000 for each day of violation. In accordance

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

Verification Only of Fill and Seal

Route to:

Drinking Water Watershed/Wastewater Remediation/Redevelopment

Waste Management Other: _____

1. Well Location Information				2. Facility / Owner Information			
County Milwaukee		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name Former Clark #562	
Latitude / Longitude (Degrees and Minutes) _____' N _____' W		Method Code (see instructions) _____		Facility ID (FID or PWS) 241574850		License/Permit/Monitoring # MW-1	
1/4 NE 1/4 NE or Gov't Lot #		Section 05		Township 07 N		Range 22 E	
Well Street Address 4751 N. Santa Monica Blvd.				Original Well Owner Clark Oil			
Well City, Village or Town Milwaukee				Present Well Owner Amin Bhimani			
Subdivision Name _____				Well ZIP Code 53211		Mailing Address of Present Owner 700 W. Wisconsin Ave., Ste #3	
Lot # _____				City of Present Owner Milwaukee		State ZIP Code WI 53233	

Reason For Removal From Service Site closed		WI Unique Well # of Replacement Well _____	
3. Well / Drillhole / Borehole Information			
<input checked="" type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) unknown	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.	
<input type="checkbox"/> Borehole / Drillhole		_____	
Construction Type:			
<input checked="" type="checkbox"/> Drilled		<input type="checkbox"/> Driven (Sandpoint)	
<input type="checkbox"/> Other (specify): _____		<input type="checkbox"/> Dug	
Formation Type:			
<input checked="" type="checkbox"/> Unconsolidated Formation		<input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.) 14.5		Casing Diameter (in.) 2	
Lower Drillhole Diameter (in.) unknown		Casing Depth (ft.) unknown	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown			
If yes, to what depth (feet)?		Depth to Water (feet) 8.36	

4. Pump, Liner, Screen, Casing & Sealing Material			
Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Casing left in place?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Was casing cut off below surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Required Method of Placing Sealing Material			
<input type="checkbox"/> Conductor Pipe-Gravity		<input type="checkbox"/> Conductor Pipe-Pumped	
<input type="checkbox"/> Screened & Poured (Bentonite Chips)		<input checked="" type="checkbox"/> Other (Explain): Gravity	
Sealing Materials			
<input type="checkbox"/> Neat Cement Grout		<input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)	
<input type="checkbox"/> Sand-Cement (Concrete) Grout		<input type="checkbox"/> Bentonite-Sand Slurry " "	
<input type="checkbox"/> Concrete		<input type="checkbox"/> Bentonite Chips	
For Monitoring Wells and Monitoring Well Boreholes Only:			
<input checked="" type="checkbox"/> Bentonite Chips		<input type="checkbox"/> Bentonite - Cement Grout	
<input type="checkbox"/> Granular Bentonite		<input type="checkbox"/> Bentonite - Sand Slurry	

5. Material Used To Fill Well / Drillhole			
From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	14.5	0.32 FE3	

6. Comments

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Sentinel Env. Services, LLC		License # 940910	Date of Filling & Sealing (mm/dd/yyyy) 06/02/09	Date Received	Noted By
Street or Route P.O. Box 865		Telephone Number (262) 375-8110		Comments	
City Grafton	State WI	ZIP Code 53024	Signature of Person Doing Work Dave Lennon	Date Signed 02/16/10	

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

Verification Only of Fill and Seal

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

1. Well Location Information				2. Facility / Owner Information			
County Milwaukee		WI Unique Well # of Removed Well		Facility Name Former Clark #562		Facility ID (FID or PWS) 241574850	
Latitude / Longitude (Degrees and Minutes) _____ 'N _____ 'W		Method Code (see instructions)		License/Permit/Monitoring # MW-1		Original Well Owner Clark Oil	
1/4 NE 1/4 NE or Gov't Lot #		Section Township Range 05 07 N 22		Present Well Owner Amin Bhimani		Mailing Address of Present Owner 700 W. Wisconsin Ave., Ste #3	
Well Street Address 4751 N. Santa Monica Blvd.				City of Present Owner Milwaukee		State ZIP Code WI 53233	
Well City, Village or Town Milwaukee		Well ZIP Code 53211		4. Pump, Liner, Screen, Casing & Sealing Material			
Subdivision Name		Lot #		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Screen removed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Casing left in place? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Was casing cut off below surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Reason For Removal From Service Site Closed		WI Unique Well # of Replacement Well		Required Method of Placing Sealing Material			

3. Well / Drillhole / Borehole Information			
<input checked="" type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) unknown	
If a Well Construction Report is available, please attach.			
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____			
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock			
Total Well Depth From Ground Surface (ft.) 14.5		Casing Diameter (in.) 2	
Lower Drillhole Diameter (in.) unknown		Casing Depth (ft.) unknown	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown			
If yes, to what depth (feet)?		Depth to Water (feet) 8.36	

5. Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Bentonite Chips	Surface	14.5	0.32 FE3	

6. Comments

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Sentinel Env. Services, LLC		License # 940910	Date of Filling & Sealing (mm/dd/yyyy) 06/02/09	Date Received	Noted By
Street or Route P.O. Box 865		Telephone Number (262) 375-8110		Comments	
City Grafton	State WI	ZIP Code 53024	Signature of Person Doing Work Dave Lennon	Date Signed 02/16/10	

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

Verification Only of Fill and Seal

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

1. Well Location Information				2. Facility / Owner Information			
County Milwaukee		WI Unique Well # of Removed Well _____		Hiccap # _____		Facility Name Former Clark #562	
Latitude / Longitude (Degrees and Minutes) ____' ____' ____" N ____' ____' ____" W				Facility ID (FID or PWS) 241574850			
Method Code (see instructions) _____				License/Permit/Monitoring # MW-2			
1/4 NE 1/4 NE or Gov't Lot #		Section 05		Township 07 N		Range 22 E	
Well Street Address 4751 N. Santa Monica Blvd.				Original Well Owner Clark Oil			
Well City, Village or Town Milwaukee				Present Well Owner Amin Bhimani			
Subdivision Name _____				Well ZIP Code 53211		Mailing Address of Present Owner 700 W. Wisconsin Ave., Ste #3	
Lot # _____				City of Present Owner Milwaukee		State ZIP Code WI 53233	

Reason For Removal From Service Site Closed		WI Unique Well # of Replacement Well _____		4. Pump, Liner, Screen, Casing & Sealing Material			
3. Well / Drillhole / Borehole Information				Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input checked="" type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) unknown		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Screen removed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
<input type="checkbox"/> Borehole / Drillhole		Construction Type:		Casing left in place? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
<input checked="" type="checkbox"/> Drilled		<input type="checkbox"/> Driven (Sandpoint)		Was casing cut off below surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
<input type="checkbox"/> Other (specify): _____		<input type="checkbox"/> Dug		Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Formation Type:		<input checked="" type="checkbox"/> Unconsolidated Formation		Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
<input type="checkbox"/> Bedrock		Total Well Depth From Ground Surface (ft.) 16		If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Casing Diameter (in.) 2		Lower Drillhole Diameter (in.) unknown		If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Casing Depth (ft.) unknown		Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		Required Method of Placing Sealing Material			
Depth to Water (feet) 8.46		If yes, to what depth (feet)? _____		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped			
				<input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): Gravity			

Sealing Materials			
<input type="checkbox"/> Neat Cement Grout		<input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)	
<input type="checkbox"/> Sand-Cement (Concrete) Grout		<input type="checkbox"/> Bentonite-Sand Slurry " "	
<input type="checkbox"/> Concrete		<input type="checkbox"/> Bentonite Chips	
For Monitoring Wells and Monitoring Well Boreholes Only:			
<input checked="" type="checkbox"/> Bentonite Chips		<input type="checkbox"/> Bentonite - Cement Grout	
<input type="checkbox"/> Granular Bentonite		<input type="checkbox"/> Bentonite - Sand Slurry	

5. Material Used To Fill Well / Drillhole			
3/8" Bentonite Chips	From (ft.) Surface	To (ft.) 16	No. Yards, Sacks Sealant or Volume (circle one) 0.35 ft³
			Mix Ratio or Mud Weight

6. Comments

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Sentinel Env. Services, LLC		License # 940910		Date Received	
Date of Filling & Sealing (mm/dd/yyyy) 06/02/09		Telephone Number (262) 375-8110		Noted By	
Street or Route P.O. Box 865		City Grafton		Comments	
State WI		ZIP Code 53024		Signature of Person Doing Work David Jensen	
Date Signed 02/16/10					

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

Verification Only of Fill and Seal

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

1. Well Location Information				2. Facility / Owner Information			
County Milwaukee		WI Unique Well # of Removed Well		Facility Name Former Clark #562		Facility ID (FID or PWS) 241574850	
Latitude / Longitude (Degrees and Minutes) _____ ' N _____ ' W		Method Code (see instructions)		License/Permit/Monitoring # MW-3		Original Well Owner Clark Oil	
1/4 NE 1/4 NE or Gov't Lot #		Section 05	Township 07 N	Range 22	<input checked="" type="checkbox"/> E <input type="checkbox"/> W		Present Well Owner Amin Bhimani
Well Street Address 4751 N. Santa Monica Blvd.				Mailing Address of Present Owner 700 W. Wisconsin Ave., Ste #3			
Well City, Village or Town Milwaukee				Well ZIP Code 53211			
Subdivision Name				City of Present Owner Milwaukee		State WI	ZIP Code 53233

Reason For Removal From Service: **Site Closed** WI Unique Well # of Replacement Well: _____

3. Well / Drillhole / Borehole Information		4. Pump, Liner, Screen, Casing & Sealing Material	
<input checked="" type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Borehole / Drillhole		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Screen removed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Casing left in place? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Original Construction Date (mm/dd/yyyy) Unknown		Was casing cut off below surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
If a Well Construction Report is available, please attach.		Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____		Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		If yes, was hole retopped? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) 14		If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Casing Diameter (in.) 2		Required Method of Placing Sealing Material: <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): Gravity	
Lower Drillhole Diameter (in.) unknown		Sealing Materials: <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.) <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " " <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Chips	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		For Monitoring Wells and Monitoring Well Boreholes Only: <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	
If yes, to what depth (feet)?		Depth to Water (feet) 7.86	

5. Material Used To Fill Well / Drillhole			
From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	14	0.31 FE³	

6. Comments

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Sentinel Env. Services, LLC		License # 940910	Date of Filling & Sealing (mm/dd/yyyy) 06/02/09	Date Received	Noted By
Street or Route P.O. Box 865		Telephone Number (262) 375-8110		Comments	
City Grafton	State WI	ZIP Code 53024	Signature of Person Doing Work Dave Lerner	Date Signed 02/16/10	

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing
Form 3300-005 (R 4/08) Page 1 of 2

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

Verification Only of Fill and Seal

Route to:

Drinking Water Watershed/Wastewater Remediation/Redevelopment

Waste Management Other: _____

1. Well Location Information			2. Facility / Owner Information		
County <i>Milwaukee</i>	WI Unique Well # of Removed Well	Hicap #	Facility Name <i>Former Clark #567</i>		
Latitude / Longitude (Degrees and Minutes)		Method Code (see instructions)	Facility ID (FID or PWS) <i>241574850</i>		
-----'N			License/Permit/Monitoring # <i>MW-A</i>		
-----'W			Original Well Owner <i>Clark Oil</i>		
1/4 NE 1/4 NE	Section <i>05</i>	Township <i>07 N</i>	Range <i>22</i>	Present Well Owner <i>Amin Bhimani</i>	
or Gov't Lot #				Mailing Address of Present Owner <i>700 W. Wisconsin Ave., Ste #3</i>	
Well Street Address <i>4751 N. Santa Monica Blvd.</i>			City of Present Owner <i>Milwaukee</i>		
Well City, Village or Town <i>Milwaukee</i>			State <i>WI</i>		
Subdivision Name			ZIP Code <i>53233</i>		
Well ZIP Code <i>53211</i>			Lot #		

Reason For Removal From Service <i>Site Closed</i>		WI Unique Well # of Replacement Well	4. Pump, Liner, Screen, Casing & Sealing Material		
3. Well / Drillhole / Borehole Information			Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
<input checked="" type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <i>Unknown</i>		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.		Screen removed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
<input type="checkbox"/> Borehole / Drillhole			Casing left in place? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Construction Type:			Was casing cut off below surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
<input checked="" type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)	<input type="checkbox"/> Dug	Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
<input type="checkbox"/> Other (specify): _____			Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Formation Type:			If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock		If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Total Well Depth From Ground Surface (ft.) <i>15</i>	Casing Diameter (in.) <i>2</i>		Required Method of Placing Sealing Material		
Lower Drillhole Diameter (in.) <i>unknown</i>	Casing Depth (ft.) <i>unknown</i>		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped		
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	Depth to Water (feet) <i>8.25</i>		<input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): <i>Gravity</i>		
If yes, to what depth (feet)?			Sealing Materials		
			<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)		
			<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " "		
			<input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Chips		
			For Monitoring Wells and Monitoring Well Boreholes Only:		
			<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout		
			<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry		

5. Material Used To Fill Well / Drillhole			
<i>3/8" Bentonite Chips</i>	From (ft.) Surface	To (ft.) <i>15</i>	No. Yards, Sacks Sealant or Volume (circle one) <i>0.33 ft³</i>
			Mix Ratio or Mud Weight

6. Comments

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <i>Sentinel Env. Services, LLC</i>	License # <i>940910</i>	Date of Filling & Sealing (mm/dd/yyyy) <i>06/02/09</i>	Date Received	Noted By
Street or Route <i>P.O. Box 865</i>		Telephone Number <i>(262) 375-8110</i>	Comments	
City <i>Grafton</i>	State <i>WI</i>	ZIP Code <i>53024</i>	Signature of Person Doing Work <i>Dave Lennon</i>	Date Signed <i>02/16/10</i>

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Verification Only of Fill and Seal

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

1. Well Location Information				2. Facility / Owner Information			
County Milwaukee		WI Unique Well # of Removed Well		Facility Name Former Clark #562		Facility ID (FID or PWS) 241574850	
Latitude / Longitude (Degrees and Minutes)		Method Code (see instructions)		License/Permit/Monitoring # MW-5		Original Well Owner Clark Oil	
1/4 NE 1/4 NE		Section 05		Township 07 N		Range 22 E	
or Gov't Lot #		Well Street Address 4751 N. Santa Monica Blvd.		Present Well Owner Amin Bhimani		Mailing Address of Present Owner 700 W. Wisconsin Ave., Ste #3	
Well City, Village or Town Milwaukee		Well ZIP Code 53211		City of Present Owner Milwaukee		State ZIP Code WI 53233	
Subdivision Name		Lot #		Reason For Removal From Service Site Closed		WI Unique Well # of Replacement Well	

3. Well / Drillhole / Borehole Information				4. Pump, Liner, Screen, Casing & Sealing Material			
<input checked="" type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) unknown		Pump and piping removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Liner(s) removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Borehole / Drillhole		Construction Type:		Screen removed?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
		<input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug		Casing left in place?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
		<input type="checkbox"/> Other (specify): _____		Was casing cut off below surface?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Formation Type:		<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Did sealing material rise to surface?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) 15		Casing Diameter (in.) 2		Did material settle after 24 hours?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) unknown		Casing Depth (ft.) unknown		If yes, was hole retopped?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Was well annular space grouted?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		If bentonite chips were used, were they hydrated with water from a known safe source?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
If yes, to what depth (feet)?		Depth to Water (feet) 8.65		Required Method of Placing Sealing Material			
				<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped			
				<input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): Gravity			
				Sealing Materials			
				<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)			
				<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry "			
				<input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Chips			
				For Monitoring Wells and Monitoring Well Boreholes Only:			
				<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout			
				<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry			

5. Material Used To Fill Well / Drillhole			
From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	15	0.33 ft³	

6. Comments

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Sentinel Env. Services, LLC		License # 940910	Date of Filling & Sealing (mm/dd/yyyy) 06/02/09	Date Received	Noted By
Street or Route P.O. Box 865		Telephone Number (262) 375-8110		Comments	
City Grafton	State WI	ZIP Code 53024	Signature of Person Doing Work Dawn Lannon	Date Signed 02/16/10	

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

Verification Only of Fill and Seal

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

1. Well Location Information				2. Facility / Owner Information			
County <u>Milwaukee</u>	WI Unique Well # of Removed Well	Hicap #		Facility Name <u>Former Clark #562</u>			
Latitude / Longitude (Degrees and Minutes)		Method Code (see instructions)		Facility ID (FID or PWS) <u>241574850</u>			
_____ 'N		_____ 'W		License/Permit/Monitoring # <u>MW-6</u>			
1/4 NE 1/4 NE	Section <u>05</u>	Township <u>07 N</u>	Range <u>22</u>	Original Well Owner <u>Clark Oil</u>			
or Gov't Lot #	E <input checked="" type="checkbox"/> W <input type="checkbox"/>		Present Well Owner <u>Amin Bhimani</u>				
Well Street Address <u>4751 N. Santa Monica Blvd.</u>				Mailing Address of Present Owner <u>700 W. Wisconsin Ave., Ste #3</u>			
Well City, Village or Town <u>Milwaukee</u>		Well ZIP Code <u>53211</u>		City of Present Owner <u>Milwaukee</u>			
Subdivision Name		Lot #		State <u>WI</u>		ZIP Code <u>53233</u>	

Reason For Removal From Service <u>Site Closed</u>	WI Unique Well # of Replacement Well	4. Pump, Liner, Screen, Casing & Sealing Material						
3. Well / Drillhole / Borehole Information		Original Construction Date (mm/dd/yyyy) <u>unknown</u>		Pump and piping removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
<input checked="" type="checkbox"/> Monitoring Well	If a Well Construction Report is available, please attach.		Liner(s) removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input type="checkbox"/> Water Well			Screen removed?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
<input type="checkbox"/> Borehole / Drillhole			Casing left in place?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Construction Type:		<input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug		Was casing cut off below surface?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
		<input type="checkbox"/> Other (specify): _____		Did sealing material rise to surface?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Formation Type:		<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Did material settle after 24 hours?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Total Well Depth From Ground Surface (ft.) <u>14</u>		Casing Diameter (in.) <u>2</u>		If yes, was hole retopped?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Lower Drillhole Diameter (in.) <u>unknown</u>		Casing Depth (ft.) <u>unknown</u>		If bentonite chips were used, were they hydrated with water from a known safe source?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		Depth to Water (feet) <u>8.10</u>		Required Method of Placing Sealing Material				
if yes, to what depth (feet)?				<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped				
				<input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): <u>Gravity</u>				

Sealing Materials		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)	
<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " "		<input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Chips	
For Monitoring Wells and Monitoring Well Boreholes Only:			
<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout		<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	

5. Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<u>3/8" Bentonite Chips</u>	Surface	<u>14</u>	<u>0.31</u> ft <u>3</u>	

6. Comments

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <u>Sentinel Env. Services, LLC</u>	License # <u>940910</u>	Date of Filling & Sealing (mm/dd/yyyy) <u>06/02/09</u>	Date Received	Noted By	
Street or Route <u>P.O. Box 865</u>		Telephone Number <u>(262) 375-8110</u>		Comments	
City <u>Grafton</u>	State <u>WI</u>	ZIP Code <u>53024</u>	Signature of Person Doing Work <u>Lowell Jensen</u>		Date Signed <u>02/16/10</u>

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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

Verification Only of Fill and Seal

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

1. Well Location Information				2. Facility / Owner Information			
County Milwaukee		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name Former Clark #562	
Latitude / Longitude (Degrees and Minutes) _____'N _____'W				Facility ID (FID or PWS) 241574850			
Method Code (see instructions) _____				License/Permit/Monitoring # MW-7			
1/4 NE 1/4 NE or Gov't Lot #		Section 05	Township 07 N	Range 22	<input checked="" type="checkbox"/> E <input type="checkbox"/> W		
Well Street Address 4751 N. Santa Monica Blvd.				Original Well Owner Clark Oil			
Well City, Village or Town Milwaukee				Present Well Owner Amin Bhimani			
Subdivision Name _____				Well ZIP Code 53211		Mailing Address of Present Owner 700 W. Wisconsin Ave., Ste #3	
Reason For Removal From Service Site Closed				Lot # _____		City of Present Owner Milwaukee	
WI Unique Well # of Replacement Well _____				State WI		ZIP Code 53233	

3. Well / Drillhole / Borehole Information		4. Pump, Liner, Screen, Casing & Sealing Material	
<input checked="" type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Borehole / Drillhole		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Screen removed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Casing left in place? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Original Construction Date (mm/dd/yyyy) unknown If a Well Construction Report is available, please attach.		Was casing cut off below surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____		Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): Gravity	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.) <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " " <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Chips	
Total Well Depth From Ground Surface (ft.) 13		Casing Diameter (in.) 2	
Lower Drillhole Diameter (in.) unknown		Casing Depth (ft.) unknown	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		For Monitoring Wells and Monitoring Well Boreholes Only: <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	
If yes, to what depth (feet)? _____		Depth to Water (feet) 7.84	

5. Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Bentonite Chips	Surface	13	0.29 FE3	

6. Comments

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Sentinel Env. Services, LLC		License # 940910	Date of Filling & Sealing (mm/dd/yyyy) 06/02/09	Date Received	Noted By
Street or Route P.O. Box 865		Telephone Number 262-375-8110		Comments	
City Grafton	State WI	ZIP Code 53024	Signature of Person Doing Work <i>[Signature]</i>	Date Signed 02/16/10	

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

Verification Only of Fill and Seal

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

1. Well Location Information				2. Facility / Owner Information			
County Milwaukee		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name Former Clark #562	
Latitude / Longitude (Degrees and Minutes) ____° ____' ____" N ____° ____' ____" W				Facility ID (FID or PWS) 241574850			
Method Code (see instructions) _____				License/Permit/Monitoring # MW-8			
1/4 NE 1/4 NE		Section 05		Township 07 N		Range 22 E	
or Gov't Lot # _____		_____		_____		Original Well Owner Clark Oil	
Well Street Address 4751 N. Santa Monica Blvd.				Present Well Owner Amm Bhimani			
Well City, Village or Town Milwaukee				Mailing Address of Present Owner 700 W. Wisconsin Ave., Ste #3			
Subdivision Name _____				Lot # _____		City of Present Owner Milwaukee	
Reason For Removal From Service Site Closed				WI Unique Well # of Replacement Well _____			
State WI		ZIP Code 53211		State WI		ZIP Code 53233	

3. Well / Drillhole / Borehole Information				4. Pump, Liner, Screen, Casing & Sealing Material					
<input checked="" type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) unknown		Pump and piping removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input type="checkbox"/> Water Well		if a Well Construction Report is available, please attach.		Liner(s) removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input type="checkbox"/> Borehole / Drillhole		_____		Screen removed?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug				Casing left in place?				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Other (specify): _____				Was casing cut off below surface?				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				Did sealing material rise to surface?				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) 15.5		Casing Diameter (in.) 2		Did material settle after 24 hours?				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) unknown		Casing Depth (ft.) unknown		If yes, was hole retopped?				<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown				If bentonite chips were used, were they hydrated with water from a known safe source?				<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
If yes, to what depth (feet)? _____				Depth to Water (feet) 6.63				Required Method of Placing Sealing Material	
_____				<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped				<input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): Gravity	
_____				Sealing Materials				<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)	
_____				<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " "				<input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Chips	
_____				For Monitoring Wells and Monitoring Well Boreholes Only:				<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout	
_____				<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry				_____	

5. Material Used To Fill Well / Drillhole			
From (ft.) Surface	To (ft.) 15.5	No. Yards, Sacks Sealant or Volume (circle one) 0.34 ft³	Mix Ratio or Mud Weight _____
_____	_____	_____	_____

6. Comments

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Sentinel Env. Services, LLC		License # 940910	Date of Filling & Sealing (mm/dd/yyyy) 06/02/09	Date Received	Noted By
Street or Route P.O. Box 865		Telephone Number 262-375-8110		Comments	
City Grafton	State WI	ZIP Code 53024	Signature of Person Doing Work Dave Lannon	Date Signed 02/16/10	

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

Verification Only of Fill and Seal

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

1. Well Location Information				2. Facility / Owner Information			
County Milwaukee		WI Unique Well # of Removed Well		Hicap #		Facility Name Former Clark #562	
Latitude / Longitude (Degrees and Minutes) _____ ' N _____ ' W				Method Code (see instructions)		Facility ID (FID or PWS) 241574850	
1/4 NE 1/4 NE		Section 05		Township 07 N		Range 22 E	
or Gov't Lot #		Well Street Address 4751 N. Santa Monica Blvd.		Original Well Owner Clark Oil		Present Well Owner Amin Bhimani	
Well City, Village or Town Milwaukee		Well ZIP Code 53211		Mailing Address of Present Owner 700 W. Wisconsin Ave., Ste #3		City of Present Owner Milwaukee	
Subdivision Name		Lot #		State WI		ZIP Code 53233	
Reason For Removal From Service Site Closed				WI Unique Well # of Replacement Well			

3. Well / Drillhole / Borehole Information				4. Pump, Liner, Screen, Casing & Sealing Material			
<input checked="" type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) unknown		Pump and piping removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Liner(s) removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Borehole / Drillhole				Screen removed?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Construction Type:				Casing left in place?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Drilled		<input type="checkbox"/> Driven (Sandpoint)		Was casing cut off below surface?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input type="checkbox"/> Other (specify): _____		<input type="checkbox"/> Dug		Did sealing material rise to surface?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Formation Type:				Did material settle after 24 hours?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Unconsolidated Formation		<input type="checkbox"/> Bedrock		If yes, was hole retopped?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) 12		Casing Diameter (in.) 2		If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Lower Drillhole Diameter (in.) unknown		Casing Depth (ft.) unknown		Required Method of Placing Sealing Material			
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		Depth to Water (feet) 6.92		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped			
If yes, to what depth (feet)?				<input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): Gravity			
				Sealing Materials			
				<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)			
				<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " "			
				<input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Chips			

5. Material Used To Fill Well / Drillhole				For Monitoring Wells and Monitoring Well Boreholes Only:			
From (ft.)		To (ft.)		No. Yards, Sacks Sealant or Volume (circle one)		Mix Ratio or Mud Weight	
3/8" Bentonite Chips		Surface		12		0.26 ft³	

6. Comments

7. Supervision of Work				DNR Use Only			
Name of Person or Firm Doing Filling & Sealing Sentinel Env. Services, LLC		License # 940910		Date of Filling & Sealing (mm/dd/yyyy) 06/02/09		Date Received	
Street or Route P.O. Box 865		Telephone Number 262.375-8110		Comments		Noted By	
City Grafton		State WI		ZIP Code 53024		Signature of Person Doing Work Dave Lennon	
						Date Signed 02/16/10	

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

Verification Only of Fill and Seal

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

1. Well Location Information				2. Facility / Owner Information			
County Milwaukee		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name Former Clark #562	
Latitude / Longitude (Degrees and Minutes) _____' N _____' W				Facility ID (FID or PWS) 241574850			
Method Code (see instructions) _____				License/Permit/Monitoring # SVE (near mw-6)			
1/4 1/4 NE 1/4 NE		Section 05		Township 07 N		Range 22 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Well Street Address 4751 N. Santa Monica Blvd.				Original Well Owner Clark Oil			
Well City, Village or Town Milwaukee				Present Well Owner Amin Bhimani			
Well ZIP Code 53211				Mailing Address of Present Owner 700 W. Wisconsin Ave., Ste #3			
Subdivision Name _____				City of Present Owner Milwaukee		State ZIP Code WI 53233	

Reason For Removal From Service Site Closed		WI Unique Well # of Replacement Well _____		4. Pump, Liner, Screen, Casing & Sealing Material			
3. Well / Drillhole / Borehole Information				Pump and piping removed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
<input checked="" type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) unknown		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Screen removed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
<input type="checkbox"/> Borehole / Drillhole				Casing left in place? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug				Was casing cut off below surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
<input type="checkbox"/> Other (specify): _____				Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
Total Well Depth From Ground Surface (ft.) 22				If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Casing Diameter (in.) 6				If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Lower Drillhole Diameter (in.) unknown				Required Method of Placing Sealing Material			
Casing Depth (ft.) unknown				<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped			
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown				<input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): Gravity			
If yes, to what depth (feet)? _____				Sealing Materials			
Depth to Water (feet) 7.78				<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)			
				<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " "			
				<input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Chips			

5. Material Used To Fill Well / Drillhole				For Monitoring Wells and Monitoring Well Boreholes Only:			
From (ft.)		To (ft.)		No. Yards, Sacks Sealant or Volume (circle one)		Mix Ratio or Mud Weight	
Surface		22		4.3 ft³			
3/8" Bentonite Chips				<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout			
				<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry			

6. Comments

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Sentinel Env. Services, LLC		License # 940910		Date Received	
Date of Filling & Sealing (mm/dd/yyyy) 06/02/09		Date Received		Noted By	
Street or Route P.O. Box 865		Telephone Number (262) 375-8110		Comments	
City Grafton		State ZIP Code WI 53024		Signature of Person Doing Work Dave Lennon	
				Date Signed 02/16/10	

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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

Verification Only of Fill and Seal

Route to:

Drinking Water Watershed/Wastewater Remediation/Redevelopment

Waste Management Other: _____

1. Well Location Information			2. Facility / Owner Information		
County <i>Milwaukee</i>	WI Unique Well # of Removed Well	Hicap #	Facility Name <i>Former Clark #562</i>		
Latitude / Longitude (Degrees and Minutes)		Method Code (see instructions)	Facility ID (FID or PWS) <i>241574850</i>		
_____ 'N			License/Permit/Monitoring # <i>SVE (W. of MW-3)</i>		
_____ 'W			Original Well Owner <i>Clark Oil</i>		
1/4 1/4 <i>NE NE</i>	Section <i>05</i>	Township <i>07 N</i>	Range <i>22</i>	<input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Well Street Address <i>4751 N. Santa Monica Blvd.</i>			Present Well Owner <i>Amin Bhimani</i>		
Well City, Village or Town <i>Milwaukee</i>		Well ZIP Code <i>53211</i>	Mailing Address of Present Owner <i>700 W. Wisconsin Ave., Ste #3</i>		
Subdivision Name		Lot #	City of Present Owner <i>Milwaukee</i>	State <i>WI</i>	ZIP Code <i>53233</i>

Reason For Removal From Service *site closed* WI Unique Well # of Replacement Well _____

3. Well / Drillhole / Borehole Information		4. Pump, Liner, Screen, Casing & Sealing Material	
<input checked="" type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <i>unknown</i>	Pump and piping removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.	Liner(s) removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Borehole / Drillhole		Screen removed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Construction Type:		Casing left in place?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<input checked="" type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)	<input type="checkbox"/> Dug	Was casing cut off below surface?
<input type="checkbox"/> Other (specify): _____		Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Formation Type:		Did material settle after 24 hours?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock	If yes, was hole retopped?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Total Well Depth From Ground Surface (ft.) <i>9.5</i>	Casing Diameter (in.) <i>6</i>	If bentonite chips were used, were they hydrated with water from a known safe source?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Lower Drillhole Diameter (in.) <i>unknown</i>	Casing Depth (ft.) <i>unknown</i>	Required Method of Placing Sealing Material	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	Depth to Water (feet) <i>7.48</i>	<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
		<input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): <i>Gravity</i>	
		Sealing Materials	
		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)	
		<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " "	
		<input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Chips	
		For Monitoring Wells and Monitoring Well Boreholes Only:	
		<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout	
		<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	

5. Material Used To Fill Well / Drillhole			
From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<i>3/8" Bentonite Chips</i>	<i>Surface</i>	<i>9.5</i>	<i>1.9 lbs 3</i>

6. Comments

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <i>Sentinel Env. Services, LLC</i>	License # <i>940910</i>	Date of Filling & Sealing (mm/dd/yyyy) <i>06/02/09</i>	Date Received	Noted By
Street or Route <i>P.O. Box 865</i>		Telephone Number <i>262-375-8110</i>	Comments	
City <i>Grafton</i>	State <i>WI</i>	ZIP Code <i>53024</i>	Signature of Person Doing Work <i>Dave Lerner</i>	Date Signed <i>02/16/10</i>

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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

Verification Only of Fill and Seal

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

1. Well Location Information				2. Facility / Owner Information			
County Milwaukee		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name Former Clark #562	
Latitude / Longitude (Degrees and Minutes) ____ ° ____ ' ____ " N ____ ° ____ ' ____ " W				Facility ID (FID or PWS) 241574850			
Method Code (see instructions) _____				License/Permit/Monitoring # SVE (near MW-2)			
1/4 NE 1/4 NE		Section 05		Township 07 N		Range 22 E	
or Gov't Lot #		_____		_____		_____	
Well Street Address 4751 N. Santa Monica Blvd.				Original Well Owner Clark Oil			
Well City, Village or Town Milwaukee				Present Well Owner Amin Bhimani			
Well ZIP Code 53211				Mailing Address of Present Owner 700 W. Wisconsin Ave., Ste #3			
Subdivision Name _____				City of Present Owner Milwaukee		State WI	
Lot # _____				ZIP Code 53233		_____	

Reason For Removal From Service: **Site Closed** WI Unique Well # of Replacement Well: _____

3. Well / Drillhole / Borehole Information		4. Pump, Liner, Screen, Casing & Sealing Material	
<input checked="" type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Borehole / Drillhole		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Screen removed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Casing left in place? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Original Construction Date (mm/dd/yyyy) unknown		Was casing cut off below surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
If a Well Construction Report is available, please attach.		Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug		Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
<input type="checkbox"/> Other (specify): _____		If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) 9.5		Required Method of Placing Sealing Material	
Casing Diameter (in.) 6		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): Gravity	
Lower Drillhole Diameter (in.) unknown		Sealing Materials	
Casing Depth (ft.) unknown		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.) <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " " <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Chips	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		For Monitoring Wells and Monitoring Well Boreholes Only:	
If yes, to what depth (feet)?		<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	
Depth to Water (feet) 8.12			

5. Material Used To Fill Well / Drillhole			
From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	9.5	1.9 ft³	

6. Comments

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Sentinel Env. Services, LLC		License # 940910	Date of Filling & Sealing (mm/dd/yyyy) 06/02/09	Date Received	Noted By
Street or Route P.O. Box 865		Telephone Number (262) 375-8110		Comments	
City Grafton		State WI	ZIP Code 53024	Signature of Person Doing Work Dave Lemmon	Date Signed 02/16/10

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

Verification Only of Fill and Seal

Route to:

Drinking Water

Watershed/Wastewater

Remediation/Redevelopment

Waste Management

Other:

1. Well Location Information

County Milwaukee	WI Unique Well # of Removed Well	Hicap #
Latitude / Longitude (Degrees and Minutes)		Method Code (see instructions)
-----' N		
-----' W		
1/4 1/4 NE NE	Section 05	Township 07 N
or Gov't Lot #	Range 22	<input checked="" type="checkbox"/> E <input type="checkbox"/> W
Well Street Address 4751 N. Santa Monica Blvd.		
Well City, Village or Town Milwaukee		Well ZIP Code 53211
Subdivision Name		Lot #

2. Facility / Owner Information

Facility Name Former Clark #567		
Facility ID (FID or PWS) 241574850		
License/Permit/Monitoring # SVE (near storage shed)		
Original Well Owner Clark Oil		
Present Well Owner Amin Bhimani		
Mailing Address of Present Owner 700 W. Wisconsin Ave., Ste #3		
City of Present Owner Milwaukee	State WI	ZIP Code 53233

Reason For Removal From Service
Site Closed

WI Unique Well # of Replacement Well

3. Well / Drillhole / Borehole Information

<input checked="" type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) unknown
<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.
<input type="checkbox"/> Borehole / Drillhole	
Construction Type:	
<input checked="" type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input type="checkbox"/> Other (specify):	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) 24	Casing Diameter (in.) 6
Lower Drillhole Diameter (in.) unknown	Casing Depth (ft.) unknown
Was well annular space grouted?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown
If yes, to what depth (feet)?	Depth to Water (feet) 8.15

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Casing left in place?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Was casing cut off below surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Required Method of Placing Sealing Material	
<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input type="checkbox"/> Screened & Poured (Bentonite Chips)	<input checked="" type="checkbox"/> Other (Explain): Gravity
Sealing Materials	
<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input type="checkbox"/> Bentonite-Sand Slurry " "
<input type="checkbox"/> Concrete	<input type="checkbox"/> Bentonite Chips
For Monitoring Wells and Monitoring Well Boreholes Only:	
<input checked="" type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	24	4.7 cu yds	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing Sentinel Env. Services, LLC	License # 940910	Date of Filling & Sealing (mm/dd/yyyy) 06/02/09	DNR Use Only	
Street or Route P.O. Box 865	Telephone Number (262) 375-8110	Comments	Date Received	Noted By
City Grafton	State WI	ZIP Code 53024	Signature of Person Doing Work Dave Jensen	Date Signed 02/16/10

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

Verification Only of Fill and Seal

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

1. Well Location Information				2. Facility / Owner Information			
County Milwaukee		WI Unique Well # of Removed Well _____		Hicap # _____		Facility Name Former Clark #562	
Latitude / Longitude (Degrees and Minutes) _____' N _____' W				Facility ID (FID or PWS) 241574850			
Method Code (see instructions) _____				License/Permit/Monitoring # SVE (New MW-5)			
1/4 NE 1/4 NE or Gov't Lot #		Section 05	Township 07 N	Range 22	<input checked="" type="checkbox"/> E <input type="checkbox"/> W		
Well Street Address 4751 N. Santa Monica Blvd.				Original Well Owner Clark Oil			
Well City, Village or Town Milwaukee				Present Well Owner Amin Bhimani			
Well ZIP Code 53211				Mailing Address of Present Owner 700 W. Wisconsin Ave., Ste #3			
Subdivision Name _____				City of Present Owner Milwaukee		State WI	ZIP Code 53233

Reason For Removal From Service site closed		WI Unique Well # of Replacement Well _____	
3. Well / Drillhole / Borehole Information			
<input checked="" type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) unknown	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.	
<input type="checkbox"/> Borehole / Drillhole		_____	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____			

Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		4. Pump, Liner, Screen, Casing & Sealing Material	
Total Well Depth From Ground Surface (ft.) 25		Casing Diameter (in.) 6	
Lower Drillhole Diameter (in.) unknown		Casing Depth (ft.) unknown	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		Pump and piping removed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Screen removed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Casing left in place? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Was casing cut off below surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
If yes, to what depth (feet)? _____		Depth to Water (feet) _____	

5. Material Used To Fill Well / Drillhole			
From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	25	4.9 ft³	

6. Comments

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Sentinel Env. Services, LLC		License # 940910	Date of Filling & Sealing (mm/dd/yyyy) 06/02/09	Date Received	Noted By
Street or Route P.O. Box 865		Telephone Number (262) 375-8110		Comments	
City Grafton	State WI	ZIP Code 53024	Signature of Person Doing Work <i>Dave Larson</i>	Date Signed 02/16/10	

Table 4
Groundwater Quality Results
Clark Retail Enterprises
Station #0562
Milwaukee, Wisconsin

Date Sampled	Petroleum Volatile Organic Compounds (µg/l)								
	Benzene	Ethyl-benzene	Toluene	Total Xylene	1,3,5-TMB	1,2,4-TMB	Total TMB	Methyl-tert butyl ether	Soluble Lead
NR 140 ES	5	700	1,000	10,000	---	---	480	60	15
NR 140 PAL	0.5	140	200	1,000	---	---	96	12	1.5
7/16/1992	<u>8,100</u>	<u>3,100</u>	<u>10,000</u>	<u>16,900</u>	<100	1,300	<u>1,300</u>	<u>1,500</u>	<u>69</u>
4/26/1993	<u>2,800</u>	<u>1,100</u>	<u>20,000</u>	<u>9,000</u>	1,000	1,000	<u>2,000</u>	NA	<u>70</u>
6/29/1994	FP	FP	FP	FP	FP	FP	FP	FP	FP
10/31/1994	FP	FP	FP	FP	FP	FP	FP	FP	FP
10/11/1996	FP (0.25')	FP (0.25')	FP (0.25')	FP (0.25')	FP (0.25')	FP (0.25')	FP (0.25')	FP (0.25')	FP (0.25')
2/21/1997	FP (0.59')	FP (0.59')	FP (0.59')	FP (0.59')	FP (0.59')	FP (0.59')	FP (0.59')	FP (0.59')	FP (0.59')
5/21/1997	FP	FP	FP	FP	FP	FP	FP	FP	FP
8/28/1997	<u>417</u>	<u>1,000</u>	<u>13,100</u>	<u>17,800</u>	1,370	5,450	<u>6,820</u>	<500	NA
2/18/1998	<u>240</u>	<u>2,100</u>	<u>4,500</u>	<u>24,000</u>	1,700	5,300	<u>7,000</u>	<250	NA
5/19/1998	<200	<u>1,400</u>	<u>21,000</u>	<u>24,000</u>	1,500	5,000	<u>6,500</u>	<2000	NA
7/23/1998	<250	<u>1,100</u>	<u>14,000</u>	<u>22,000</u>	1,800	4,900	<u>6,700</u>	<100	NA
11/24/1998	<u>73</u>	<u>390</u>	<u>6,900</u>	<u>12,100</u>	1,100	2,700	<u>3,800</u>	<11	NA
3/24/1999	<u>170</u>	<u>520</u>	<u>4,000</u>	<u>11,800</u>	1,500	3,700	<u>5,200</u>	<u>18</u>	NA
7/20/1999	<u>68</u>	<u>450</u>	<u>8,700</u>	<u>13,500</u>	1,500	3,700	<u>5,200</u>	<22	NA
10/11/1999	<u>38</u>	<u>790</u>	<u>11,000</u>	<u>15,500</u>	1,300	3,700	<u>5,000</u>	<32	NA
2/28/2000	<u>62</u>	<u>140</u>	<u>990</u>	<u>4,600</u>	1,800	2,800	<u>4,600</u>	<8.0	NA
5/24/2000	<u>49</u>	<u>230</u>	<u>3,200</u>	<u>6,900</u>	1,300	1,700	<u>3,000</u>	<4.4	NA
10/5/2000	<u>27</u>	<u>540</u>	<u>3,500</u>	<u>10,900</u>	1,600	2,500	<u>4,100</u>	10	NA
4/2/2001	<u>28</u>	<u>420</u>	<u>3,200</u>	<u>9,500</u>	1,600	2,600	<u>4,200</u>	<5.0	NA
7/23/2001	<56	<u>100</u>	<u>9,500</u>	<u>14,400</u>	1,900	3,400	<u>5,300</u>	<54	NA
10/22/2001	<22	<u>740</u>	<u>6,000</u>	<u>12,800</u>	1,600	2,900	<u>4,500</u>	<22	NA
3/20/2003	<u>48</u>	<u>320</u>	<u>830</u>	<u>7,000</u>	2,000	2,100	<u>4,100</u>	<23	<u>310</u>

Note:

790 = Concentration in excess of Chapter NR 140 Groundwater Quality Enforcement Standards

140 = Concentration in excess of Chapter NR 140 Groundwater Quality Preventive Action Limit

NA = Constituent Not Analyzed

FP = Free Product

µg/l = Micrograms per liter

¹ = Groundwater recovery system started on October 21, 1996

² = Remediation system shutdown Spring 2000 (before 5/24/2000 sampling)

Table 4
Groundwater Quality Results
Clark Retail Enterprises
Station #0562
Milwaukee, Wisconsin

Date Sampled	Petroleum Volatile Organic Compounds (µg/l)								
	Benzene	Ethyl-benzene	Toluene	Total Xylene	1,3,5-TMB	1,2,4-TMB	Total TMB	Methyl-tert butyl ether	Soluble Lead
NR 140 ES	5	700	1,000	10,000	---	---	480	60	15
NR 140 PAL	0.5	140	200	1,000	---	---	96	12	1.5
7/16/1992	<u>29,000</u>	<u>1,500</u>	<u>35,000</u>	<u>8,000</u>	<1.0	8	8	<u>68</u>	<u>11</u>
4/26/1993	<u>15,000</u>	<u>1,400</u>	<u>34,000</u>	<u>14,000</u>	1,300	1,500	<u>2,800</u>	ND	<u>80</u>
6/29/1994	<u>15,000</u>	<u>1,200</u>	<u>28,000</u>	<u>23,000</u>	800	3,500	FP	<200	<3.0
10/31/1994	FP	FP	FP	FP	FP	FP	FP	FP	FP
10/11/1996	FP	FP (0.04')	FP	FP	FP	FP	FP	FP	FP
2/21/1997	FP	FP	FP	FP	FP	FP	FP	FP	FP
5/21/1997	FP	FP	FP	FP	FP	FP	FP	FP	FP
8/28/1997	<u>892</u>	<u>808</u>	<u>7,400</u>	<u>22,100</u>	1,820	6,780	<u>8,600</u>	<500	NA
5/1/1998	<u>190</u>	<u>170</u>	<u>2,500</u>	<u>5,700</u>	1,500	3,500	<u>5,000</u>	<250	NA
7/23/1998	<u>69</u>	48	<u>740</u>	<u>1,500</u>	360	850	<u>1,010</u>	<100	NA
11/24/1998	<u>1,400</u>	<u>480</u>	<u>1,400</u>	<u>9,100</u>	850	2,400	<u>3,250</u>	9	NA
3/30/1999	<u>120</u>	120	<u>520</u>	<u>6,600</u>	1,200	2,900	<u>4,100</u>	<11	NA
7/20/1999	<u>150</u>	<u>460</u>	<u>820</u>	<u>12,000</u>	1,200	3,700	<u>4,900</u>	<5.5	NA
10/11/1999	<u>320</u>	<u>360</u>	<u>840</u>	<u>12,100</u>	1,200	4,100	<u>5,300</u>	<16	NA
2/28/2000	<u>1,500</u>	<u>330</u>	<u>660</u>	<u>10,000</u>	1,100	3,100	<u>4,200</u>	<6.4	NA
5/24/2000	<u>1,000</u>	<u>210</u>	<u>460</u>	<u>7,000</u>	1,000	2,500	<u>3,500</u>	<4.4	NA
10/5/2000	<u>340</u>	<u>260</u>	<u>340</u>	<u>6,900</u>	1,200	3,000	<u>4,200</u>	<u>16</u>	NA
4/2/2001	<u>27</u>	120	160	<u>4,200</u>	1,300	3,100	<u>4,400</u>	<4.0	NA
7/23/2001	<u>21</u>	110	83	<u>3,800</u>	1,300	2,500	<u>3,800</u>	<u>16</u>	NA
10/22/2001	<u>290</u>	<u>160</u>	120	<u>4,400</u>	1,600	3,400	<u>5,000</u>	<11	NA
3/20/2003	<u>300</u>	<u>160</u>	98	<u>2,720</u>	1,300	2,400	<u>3,700</u>	<u>25</u>	<u>9</u>

Note:

- 790 = Concentration in excess of Chapter NR 140 Groundwater Quality Enforcement Standards
- 140 = Concentration in excess of Chapter NR 140 Groundwater Quality Preventive Action Limit
- NA = Constituent Not Analyzed
- FP = Free Product
- µg/l = Micrograms per liter
- ¹ = Groundwater recovery system started on October 21, 1996
- ² = Remediation system shutdown Spring 2000 (before 5/24/2000 sampling)

Table 4
Groundwater Quality Results
Clark Retail Enterprises
Station #0562
Milwaukee, Wisconsin

Date Sampled	Petroleum Volatile Organic Compounds (µg/l)								
	Benzene	Ethyl-benzene	Toluene	Total Xylene	1,3,5-TMB	1,2,4-TMB	Total TMB	Methyl-tert butyl ether	Soluble Lead
NR 140 ES	5	700	1,000	10,000	---	---	480	60	15
NR 140 PAL	0.5	140	200	1,000	---	---	96	12	1.5
7/16/1992	<u>900</u>	<u>750</u>	<5.0	3,200	<50	<50	<100	<50	<4.0
4/26/1993	ND	ND	ND	7.0	ND	ND	ND	ND	<5.0
6/29/1994	<u>350</u>	510	34	1,100	<5.0	8.0	8.0	<5.0	<3.0
10/31/1994	<u>210</u>	170	13	245.4	<1.0	2.5	2.5	8.8	<2.0
10/11/1996	2.9	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10	ND
2/21/1997	1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<2.0	<10	NA
5/21/1997	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<2.0	<10	NA
8/28/1997	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<2.0	<10	NA
5/19/1998	<1.0	3	<1.0	<3.0	<1.0	4.3	4.3	<10	NA
3/24/1999	<1.4	<0.24	<0.21	<0.97	<0.54	<0.86	<1.4	1.6	NA
10/11/1999	<0.27	<0.32	<0.27	<0.43	<0.27	<0.27	<0.54	<0.32	NA
4/2/2001	<0.29	<0.57	<0.13	<0.63	<0.29	<0.34	<0.63	0.6	NA
7/23/2001	<0.45	<0.82	<0.68	<2.47	<0.94	<0.92	<1.86	<0.43	NA

Note:

- 790 = Concentration in excess of Chapter NR 140 Groundwater Quality Enforcement Standards
- 140 = Concentration in excess of Chapter NR 140 Groundwater Quality Preventive Action Limit
- NA = Constituent Not Analyzed
- FP = Free Product
- µg/l = Micrograms per liter
- ¹ = Groundwater recovery system started on October 21, 1996
- ² = Remediation system shutdown Spring 2000 (before 5/24/2000 sampling)

Table 4
Groundwater Quality Results
Clark Retail Enterprises
Station #0562
Milwaukee, Wisconsin

Date Sampled	Petroleum Volatile Organic Compounds (µg/l)								
	Benzene	Ethyl-benzene	Toluene	Total Xylene	1,3,5-TMB	1,2,4-TMB	Total TMB	Methyl-tert butyl ether	Soluble Lead
NR 140 ES	5	700	1,000	10,000	---	---	480	60	15
NR 140 PAL	0.5	140	200	1,000	---	---	96	12	1.5
7/16/1992	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	3.0	<4.0
4/26/1993	ND	ND	ND	ND	ND	ND	ND	ND	<5.0
6/29/1994	<1.0	<1.0	11	28	2.8	10	12.8	<1.0	<3.0
10/31/1994	<0.6	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0
10/11/1996	<1.0	<1.0	2.2	7.3	1.5	4.3	5.8	<10	NA
2/21/1997	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<2.0	<10	NA
5/21/1997	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<2.0	<10	NA
8/28/1997	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<2.0	<10	NA
5/19/1998	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<2.0	<10	NA
3/24/1999	<0.26	<0.24	<0.21	<0.97	<0.54	<0.86	<1.4	<0.22	NA
10/11/1999	<0.27	<0.32	<0.27	<0.43	<0.27	<0.27	<0.54	<0.32	NA
4/2/2001	<0.29	<0.57	<0.13	<0.63	<0.29	<0.34	<0.63	<0.20	NA
7/23/2001	<0.45	<0.82	<0.68	<2.47	<0.94	<0.92	<1.86	<0.43	NA
10/22/2001	<0.45	<0.82	<0.68	<2.47	<0.94	<0.92	<1.86	<0.43	NA

Note:

790 = Concentration in excess of Chapter NR 140 Groundwater Quality Enforcement Standards

140 = Concentration in excess of Chapter NR 140 Groundwater Quality Preventive Action Limit

NA = Constituent Not Analyzed

FP = Free Product

µg/l = Micrograms per liter

¹ = Groundwater recovery system started on October 21, 1996

² = Remediation system shutdown Spring 2000 (before 5/24/2000 sampling)

Table 4
Groundwater Quality Results
Clark Retail Enterprises
Station #0562
Milwaukee, Wisconsin

Date Sampled	Petroleum Volatile Organic Compounds (µg/l)								
	Benzene	Ethyl-benzene	Toluene	Total Xylene	1,3,5-TMB	1,2,4-TMB	Total TMB	Methyl-tert butyl ether	Soluble Lead
NR 140 ES	5	700	1,000	10,000	---	---	480	60	15
NR 140 PAL	0.5	140	200	1,000	---	---	96	12	1.5
7/16/1992	<u>6,900</u>	<u>2,200</u>	<u>1,800</u>	<u>12,700</u>	1,300	2,100	<u>3,400</u>	< 1000	4.0
4/26/1993	<u>2,600</u>	630	<u>5,700</u>	3,700	340	410	<u>750</u>	ND	< 5.0
6/29/1994	<u>3,600</u>	<u>1,200</u>	<u>3,200</u>	<u>6,800</u>	200	730	<u>930</u>	< 100	3.4
10/31/1994	<u>5,400</u>	<u>1,800</u>	<u>3,400</u>	<u>8,100</u>	300	1,000	<u>1,300</u>	<u>120</u>	4.2
10/11/1996	<u>4,480</u>	<u>2,060</u>	<u>1,110</u>	<u>8,040</u>	368	1,320	<u>1,688</u>	< 10	NA
2/21/1997	<u>4,300</u>	<u>1,650</u>	644	6,290	268	964	<u>1,232</u>	< 10	NA
5/21/1997	<u>66</u>	<u>1,660</u>	465	5,760	305	1,160	<u>1,465</u>	<u>202</u>	NA
8/28/1997	<u>3,340</u>	<u>1,620</u>	839	6,520	433	1,600	<u>2,033</u>	< 250	NA
2/18/1998	<u>4,800</u>	<u>2,100</u>	500	7,600	550	1,700	<u>2,250</u>	< 500	NA
5/19/1998	<u>3,800</u>	<u>1,900</u>	<u>1,000</u>	7,100	400	1,300	<u>1,700</u>	< 500	NA
7/23/1998	<u>750</u>	430	59	820	81	290	<u>371</u>	< 100	NA
11/24/1998	<u>1,800</u>	<u>1,000</u>	210	2,970	240	800	<u>1,040</u>	6.8	NA
3/24/1999	<u>1,800</u>	<u>1,500</u>	430	5,040	310	1,100	<u>1,410</u>	22	NA
7/20/1999	<u>1,300</u>	<u>1,000</u>	210	3,510	210	700	<u>910</u>	< 5.5	NA
10/11/1999	<u>1,800</u>	<u>1,400</u>	410	4,960	240	960	<u>1,200</u>	< 8.0	NA
2/28/2000	<u>1,800</u>	<u>1,400</u>	320	4,700	250	890	<u>1,140</u>	< 6.4	NA
5/24/2000	<u>880</u>	<u>880</u>	130	2,600	160	550	<u>710</u>	< 2.2	NA
10/5/2000	<u>1,100</u>	<u>1,300</u>	180	4,340	280	890	<u>1,170</u>	14	NA
4/2/2001	<u>610</u>	<u>1,200</u>	120	4,050	230	880	<u>1,110</u>	4	NA
7/23/2001	<u>680</u>	<u>1,400</u>	140	4,100	310	1,000	<u>1,310</u>	22	NA
10/22/2001	<u>870</u>	<u>1,500</u>	200	6,200	370	1,500	<u>1,870</u>	< 8.6	NA
3/20/2003	<u>690</u>	<u>1,800</u>	81	3,886	350	1,300	<u>1,650</u>	16	10

Note:

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NA = Constituent Not Analyzed

FP = Free Product

µg/l = Micrograms per liter

¹ = Groundwater recovery system started on October 21, 1996

² = Remediation system shutdown Spring 2000 (before 5/24/2000 sampling)

Table 4
Groundwater Quality Results
Clark Retail Enterprises
Station #0562
Milwaukee, Wisconsin

Date Sampled	Petroleum Volatile Organic Compounds (µg/l)								
	Benzene	Ethyl-benzene	Toluene	Total Xylene	1,3,5-TMB	1,2,4-TMB	Total TMB	Methyl-tert butyl ether	Soluble Lead
NR 140 ES	5	700	1,000	10,000	---	---	480	60	15
NR 140 PAL	0.5	140	200	1,000	---	---	96	12	1.5
7/16/1992	<u>10,000</u>	300	250	1,580	<250	<250	<500	<250	<4.0
4/26/1993	<u>9,000</u>	90	180	370	ND	ND	ND	ND	<5.0
6/29/1994	<u>16,000</u>	<u>930</u>	310	4,400	300	1,200	<u>1,500</u>	<u>340</u>	<3.0
10/31/1994	<u>10,000</u>	<u>1,200</u>	320	4,610	380	1,400	<u>1,780</u>	<u>160</u>	<2.0
10/11/1996	<u>12,000</u>	<u>2,340</u>	277	8,500	1,000	3,410	<u>4,410</u>	<10	NA
2/21/1997	<u>7,890</u>	474	60.8	1,320	265	822	<u>1,087</u>	27	NA
5/21/1997	<u>2,480</u>	140	127	431	141	365	<u>506</u>	34	NA
8/28/1997	<u>824</u>	398	62.9	942	63	1,140	<u>1,203</u>	<125	NA
2/18/1998	<u>1,100</u>	54	<10	<30	24	23	47	<50	NA
5/19/1998	<u>380</u>	29	13	1,100	210	490	<u>700</u>	<50	NA
7/23/1998	<u>430</u>	81	<10	92	64	280	<u>344</u>	<100	NA
11/24/1998	<u>2,300</u>	58	<5.2	11	<14	28	28	30	NA
3/24/1999	<u>3,000</u>	62	19	24	<14	<22	0	75	NA
7/20/1999	<u>630</u>	130	8.0	141	80	58	<u>138</u>	2.1	NA
10/11/1999	<u>3,600</u>	190	13	54	<5.4	38	38	6.8	NA
2/28/2000	<u>1,300</u>	140	5.0	5.4	<2.7	19	19	6.9	NA
5/24/2000	<u>4,200</u>	110	27	<48	<27	<43	<70	<11	NA
10/5/2000	<u>110</u>	49	2.2	16.8	0.4	19	19.4	0.7	NA
4/2/2001	<u>130</u>	68	38	225	2.1	11	13.1	<0.2	NA
7/23/2001	<u>99</u>	240	4.6	281	<1.9	400	400	<0.86	NA
10/22/2001	<u>560</u>	180	11	39.3	<4.7	130	130	<2.1	NA
3/20/2003	<u>190</u>	80	10	4.0	<0.52	4.4	4.4	1.1	6.7

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Clark Retail Enterprises
Station #0562
Milwaukee, Wisconsin

Date Sampled	Petroleum Volatile Organic Compounds (µg/l)								
	Benzene	Ethylbenzene	Toluene	Total Xylene	1,3,5-TMB	1,2,4-TMB	Total TMB	Methyl-tert butyl ether	Soluble Lead
NR 140 ES	5	700	1,000	10,000	---	---	480	60	15
NR 140 PAL	0.5	140	200	1,000	---	---	96	12	1.5
4/26/1993	ND	ND	ND	ND	ND	ND	ND	ND	<5.0
6/29/1994	<u>16</u>	<1.0	<1.0	<3.0	<1.0	<1.0	<2.0	<u>250</u>	<3.0
10/31/1994	<0.6	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<u>130</u>	<2.0
10/11/1996	<u>5.6</u>	<1.0	<1.0	<3.0	<1.0	<1.0	<2.0	<u>50.5</u>	NA
2/21/1997	<u>11</u>	<1.0	<1.0	<3.0	<1.0	<1.0	<2.0	11.4	NA
5/21/1997	<u>2.8</u>	<1.0	<1.0	<3.0	<1.0	<1.0	<2.0	11.2	NA
8/28/1997	<u>2.7</u>	<1.0	<1.0	<3.0	<1.0	<1.0	<2.0	<u>29.5</u>	NA
2/18/1998	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<2.0	<50	NA
5/19/1998	<u>3.1</u>	<1.0	<1.0	<3.0	<1.0	<1.0	<2.0	<10	NA
7/23/1998	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<2.0	<u>15</u>	NA
11/24/1998	<0.26	<0.24	<0.21	<0.97	<0.54	<0.86	<1.4	11	NA
3/24/1999	<0.26	<0.24	0.2	<0.97	<0.54	<0.86	<1.4	<u>14</u>	NA
7/20/1999	<0.26	<0.24	<0.21	<0.97	<0.54	<0.86	<1.4	4.7	NA
10/11/1999	<0.27	<0.32	<0.27	<0.43	<0.27	<0.22	<0.49	5.4	NA
2/28/2000	<0.27	<0.32	<0.27	<0.43	<0.27	<0.22	<0.49	3.8	NA
5/24/2000	<0.26	<0.24	0.2	<0.97	<0.54	<0.86	<1.4	4.4	NA
10/5/2000	<0.35	<0.37	<0.38	<0.76	<0.37	<0.37	<0.74	4.1	NA
4/2/2001	<0.29	<0.57	<0.13	<0.63	<0.29	<0.34	<0.63	1.2	NA
7/23/2001	<0.45	<0.82	<0.68	<2.47	<0.94	<0.92	<1.86	2.7	NA
10/22/2001	<0.45	<0.82	<0.68	<2.47	<0.94	<0.92	<1.86	1.3	NA

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² = Remediation system shutdown Spring 2000 (before 5/24/2000 sampling)

Table 4
Groundwater Quality Results
Clark Retail Enterprises
Station #0562
Milwaukee, Wisconsin

Date Sampled	Petroleum Volatile Organic Compounds (µg/l)								
	Benzene	Ethyl-benzene	Toluene	Total Xylene	1,3,5-TMB	1,2,4-TMB	Total TMB	Methyl-tert butyl ether	Soluble Lead
NR 140 ES	5	700	1,000	10,000	---	---	480	60	15
NR 140 PAL	0.5	140	200	1,000	---	---	96	12	1.5
7/18/1995	<u>2,260</u>	<u>2,130</u>	<u>8,340</u>	<u>10,340</u>	349	1,650	<u>1,999</u>	< 250	4
8/30/1995	<u>1,190</u>	<u>1,300</u>	<u>3,720</u>	<u>5,780</u>	199	840	<u>1,039</u>	< 50	NA
10/11/1996	<u>2,100</u>	<u>3,280</u>	<u>16,700</u>	<u>17,600</u>	681	2,470	<u>3,151</u>	< 10	< 1.5
2/21/1997	<u>444</u>	<u>1,660</u>	<u>1,710</u>	<u>8,110</u>	211	916	<u>1,127</u>	< 10	NA
5/21/1997	<u>331</u>	<u>2,350</u>	<u>1,610</u>	<u>8,200</u>	563	1,500	<u>2,063</u>	<u>72.0</u>	NA
8/28/1997	<u>127</u>	<u>2,380</u>	<u>676</u>	<u>6,480</u>	632	2,550	<u>3,182</u>	< 125	NA
2/18/1998	<u>72</u>	<u>200</u>	<u>79</u>	<u>4,800</u>	420	1,500	<u>1,920</u>	< 50	NA
5/19/1998	< 25	<u>2,100</u>	<u>280</u>	<u>8,700</u>	330	980	<u>1,310</u>	< 250	NA
7/23/1998	< 50	<u>2,000</u>	<u>1,200</u>	<u>11,000</u>	460	1,600	<u>2,060</u>	< 500	NA
11/24/1998	<u>18</u>	<u>1,700</u>	<u>390</u>	<u>5,600</u>	270	1,200	<u>1,470</u>	< 5.5	NA
3/24/1999	< 6.5	<u>1,400</u>	<u>930</u>	<u>5,800</u>	260	1,200	<u>1,460</u>	< 5.5	NA
7/20/1999	< 13	<u>1,600</u>	<u>490</u>	<u>8,700</u>	520	2,100	<u>2,620</u>	< 11	NA
10/11/1999	< 6.8	<u>2,100</u>	<u>470</u>	<u>8,900</u>	330	1,900	<u>2,230</u>	< 8.0	NA
2/28/2000	< 0.27	68	2	147	6	70	76	< 0.32	NA
5/24/2000	< 1.3	<u>470</u>	13	<u>2,260</u>	110	390	<u>500</u>	< 1.1	NA
10/5/2000	< 8.8	<u>1,900</u>	<u>750</u>	<u>10,200</u>	450	2,000	<u>2,450</u>	< 9.0	NA
4/2/2001	< 7.2	<u>1,600</u>	49	<u>9,200</u>	750	3,300	<u>4,050</u>	< 5.0	NA
7/23/2001	< 22	<u>2,500</u>	<u>270</u>	<u>11,600</u>	890	4,000	<u>4,890</u>	< 22	NA
10/22/2001	< 11	<u>1,700</u>	110	<u>7,900</u>	350	2,000	<u>2,350</u>	< 11	NA
4/14/2003	< 6.0	<u>1,200</u>	32	<u>2,955</u>	88	1,400	<u>1,488</u>	76	< 0.09

Note:

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µg/l = Micrograms per liter

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Table 4
Groundwater Quality Results
Clark Retail Enterprises
Station #0562
Milwaukee, Wisconsin

Date Sampled	Petroleum Volatile Organic Compounds ($\mu\text{g/l}$)								
	Benzene	Ethyl-benzene	Toluene	Total Xylene	1,3,5-TMB	1,2,4-TMB	Total TMB	Methyl-tert butyl ether	Soluble Lead
NR 140 ES	5	700	1,000	10,000	---	---	480	60	15
NR 140 PAL	0.5	140	200	1,000	---	---	96	12	1.5
10/11/1996	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10	<1.5
2/21/1997	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10	NA
5/21/1997	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10	NA
8/28/1997	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<10	NA
5/19/1998	<1.0	<1.0	<3.0	<3.0	<1.0	<1.0	<2.0	<10	NA
3/24/1999	<0.26	<0.24	<0.97	<0.97	<0.54	<0.86	<1.4	<0.22	NA
10/11/1999	<0.27	<0.32	<0.43	<0.43	<0.27	<0.27	<0.54	<0.32	NA
4/2/2001	<0.29	<0.57	<0.63	<0.63	<0.29	<0.34	<0.63	<0.20	NA
7/23/2001	<0.45	<0.82	<2.47	<2.47	<0.94	<0.92	<1.86	<0.43	NA
10/22/2001	<0.45	<0.82	<2.47	<2.47	<0.94	<0.92	<1.86	<0.43	NA

Note:

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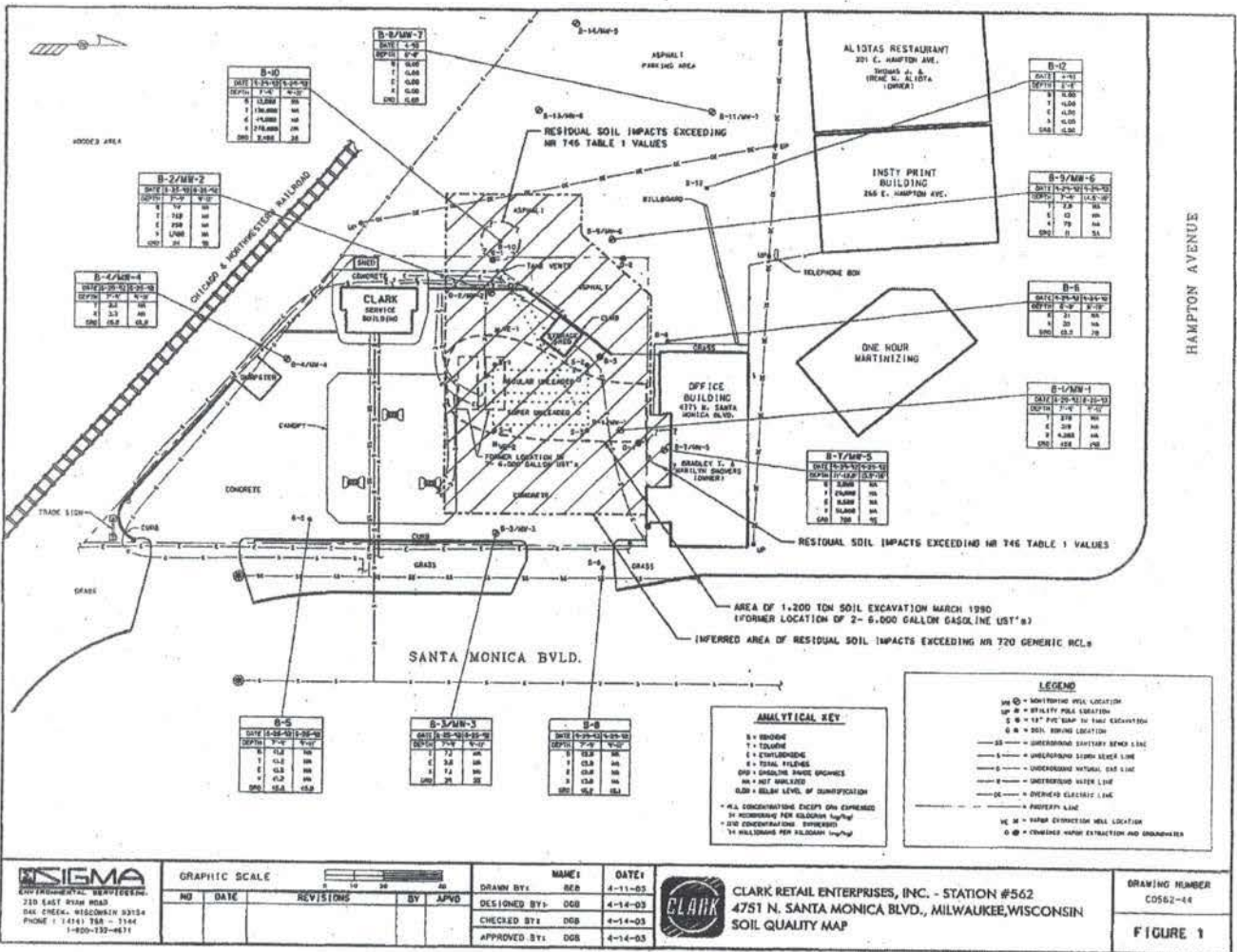
NA = Constituent Not Analyzed

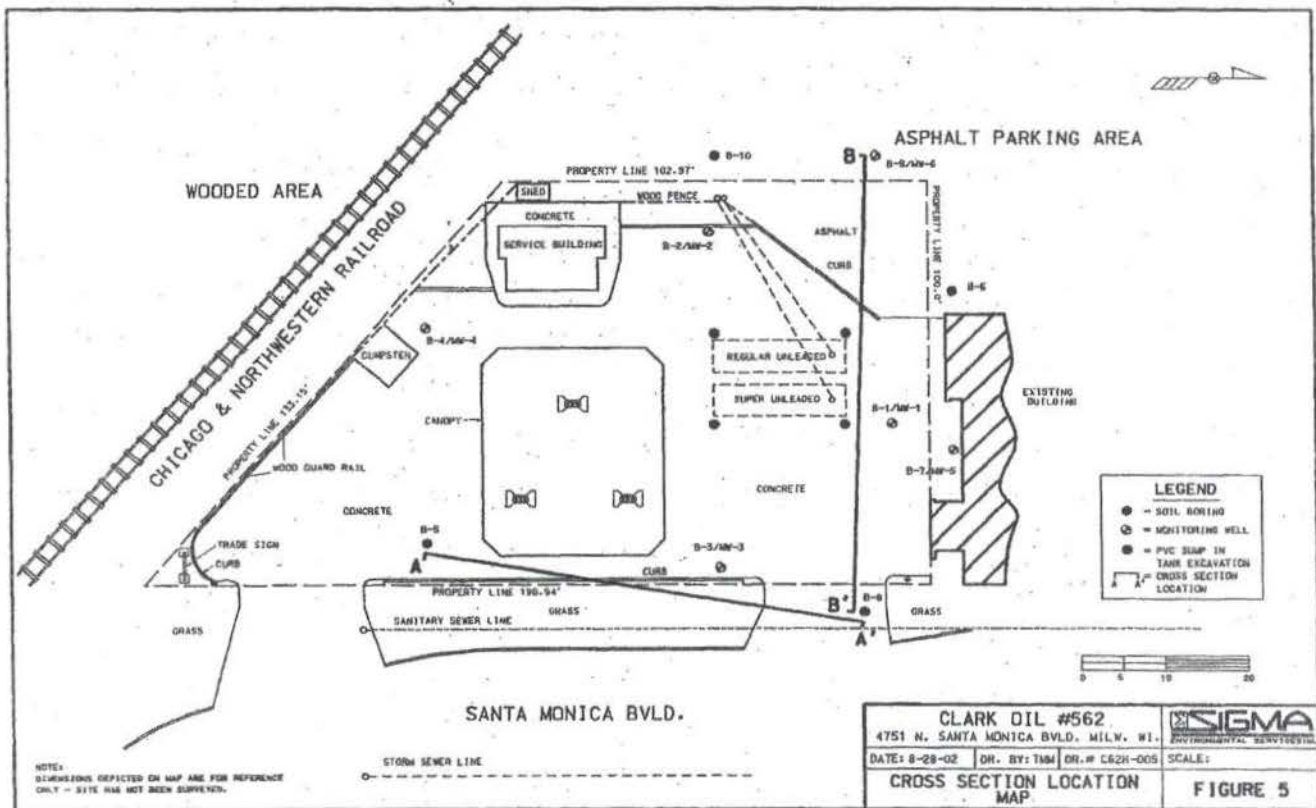
FP = Free Product

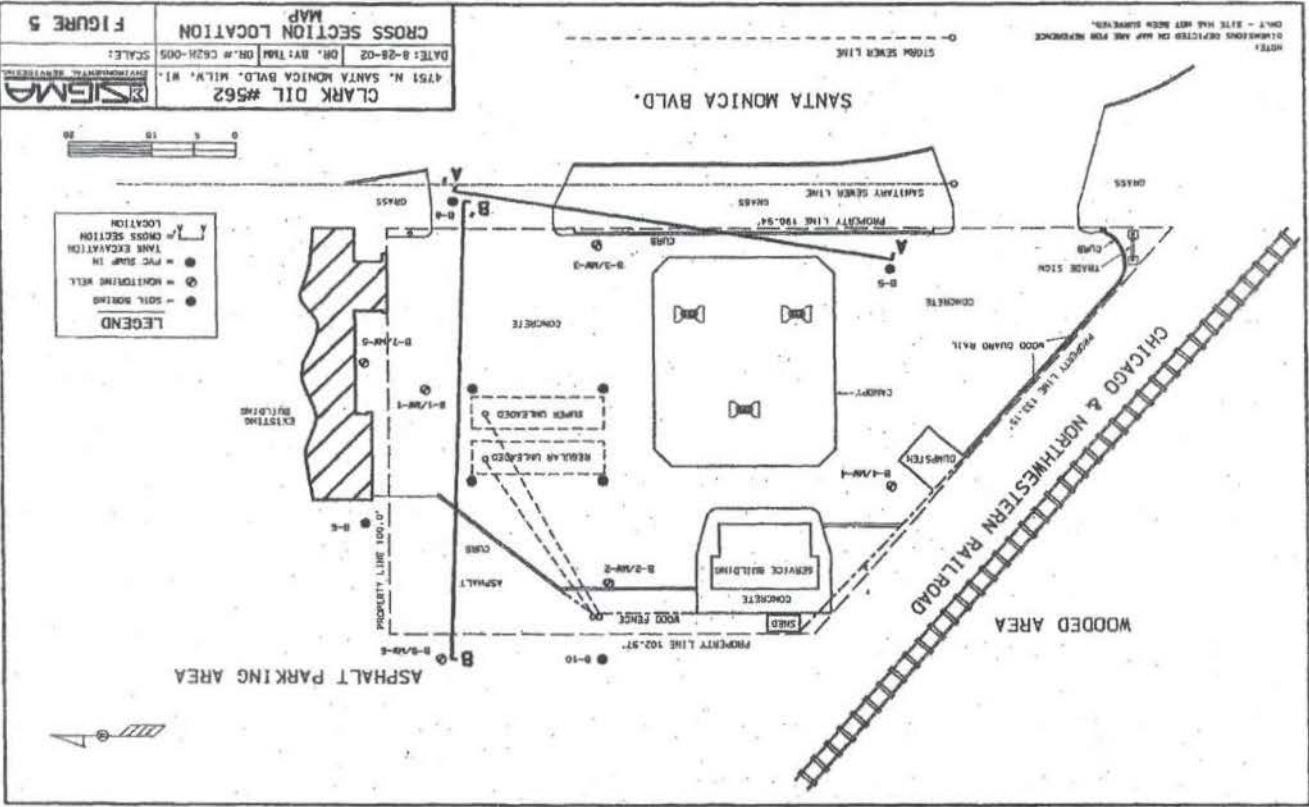
$\mu\text{g/l}$ = Micrograms per liter

¹ = Groundwater recovery system started on October 21, 1996

² = Remediation system shutdown Spring 2000 (before 5/24/2000 sampling)







NOTE: DIMENSIONS SHOWN ON MAP ARE FOR REFERENCE ONLY - SITE HAS NOT BEEN SURVEYED.

APPENDIX C

TSSA Report of General Engineering Company

General Engineering
Company
P.O. Box 340
916 Silver Lake Drive
Portage, WI 53901



Engineers • Consultants • Inspectors

608-742-2169 (Office)
608-742-2592 (Fax)
gec@generalengineering.net
www.generalengineering.net

April 6, 2022

Stefanie Nelson
Stefanie.Nelson@wi.gov

RE: Underground Storage Tank Site Assessment
Santa Monica Clark
4751 North Santa Monica Boulevard, Milwaukee (Milwaukee County), Wisconsin

Dear Stefanie,

Attached with this letter is the Tank System Service and Closure Assessment Form Part B (Attachment A), and corresponding documents, for the removal of two gasoline underground storage tanks (USTs), dispensers and associated product piping from the Clark Gasoline Station, located at 4751 North Santa Monica Boulevard, Milwaukee, Milwaukee County, Wisconsin. More specifically, the site is located within the northeast $\frac{1}{4}$ of the northeast $\frac{1}{4}$ Section 5, Township 7 North, Range 22 East.

The property is located west of North Santa Monica Boulevard in the northern portion of the City of Milwaukee, Wisconsin. The Subject Site is occupied by a main convenience store structure located on the southwest side of the property. A small shed is located just north of the convenience store. A canopy covering four dispensers was located east of the main structure. The two 12,000-gallon unleaded gasoline tanks, were located on the north of the canopy. A Regional Site Location Map and Site Plan Map are included in Attachment B.

On March 21, 2022 through March 23, 2022, the two unleaded gasoline USTs, product lines and dispensers were removed under the direction of Walt's Petroleum Service, Inc. The USTs were single wall coated steel. The product piping was single wall fiberglass. Tank System Service Closure Assessment Form Part B are included in Appendix A. A Regional Site Location Map, Site Plan and Soil Sample Location Map are included in Appendix B.

Cleaner Remover:

Advanced Tank Services, Inc.
1521 Westgate Road
Eau Claire, WI 53703

Tank Site Assessors:

Lynn Bradley (401232)
General Engineering Company
916 Silver Lake Drive
Portage, WI 53901



Underground Storage Tank Site Assessment
Santa Monica Clark
4751 North Santa Monica Blvd, Milwaukee, WI

Tank Removal/Closure:

On March 21, 2022, General Engineering Company (GEC) was on-site observe the removal of the two 12,000-gallon USTs. Subsequent to the removal of the USTs, a large amount of pea gravel was present on the sidewalls and bottom of the excavation making it difficult to collect samples. Two samples were collected from the northeast and northwest sidewalls. It was determined it would be beneficial to collect the remainder of the samples once the area of the USTs was excavated longer and deeper to make room for the upgraded UST. Therefore, GEC returned to the site to collect the remainder of the UST samples on March 23, 2022, subsequent to the excavation and disposal of approximately 726 tons of petroleum affected pea gravel and soil. The petroleum affected soil was transported to Waste Management's Orchard Ridge Landfill located in Menomonee Falls, Wisconsin. This assisted with the remediation of the more highly impacted soils. GEC was not on-site during the removal of the petroleum affected soils.

As part of the TSSA, on March 21, 2022, GEC collected two soil samples (northeast and northwest sidewalls, then on March 23, 2022 the remaining 9 soil samples were collected for a total of 11 soil samples. Seven (7) soil samples (SS-1 through SS-7) were collected from the side walls of the tank excavation at a depth of approximately 8 feet below the ground surface (bgs), and four (4) soil samples (SS-8 through SS-11) were collected from beneath the dispensers and product piping at a depth of approximately 3 feet bgs. Due to the depth of pea gravel encountered on the southwest wall of the excavation and beneath the northwestern dispenser, soil samples were not collected in those locations. Groundwater was encountered in the UST excavation at a depth of approximately 12 feet bgs. No obvious staining or product was observed on the groundwater. Since groundwater was encountered during the excavation, no soil samples were collected, nor required as part of the TSSA guidance, from the bottom of the tank pit.

Soil samples were submitted to Synergy Laboratories in Appleton, Wisconsin, a State Certified Laboratory, for the presence of petroleum volatile organic compounds (PVOC) and naphthalene. Analytical results from the soil samples reported both PVOC's and/or naphthalene concentrations above the Wisconsin Administrative Code (WAC) NR 720 groundwater pathway residual contaminant levels (RCLs) in the following:

SS-1 – North-northeast wall with benzene at a concentration of 56 ug/kg, which exceeds the NR 720 soil to groundwater RCL of 5.1 ug/kg. Other petroleum compounds were detected, but none exceeding the NR 720 RCLs.

SS-4 – East-southeast wall reported benzene concentration of 40J, which exceeds the NR 720 soil to groundwater RCL of 5.1 ug/kg. The "J" indicates that the analyte was detected above the laboratory limit of detection but below the limit of quantitation. Other petroleum compounds were detected, but none exceeding the NR 720 RCLs.

SS-11 – Northeast Dispenser reported benzene concentration of 299 ug/kg and toluene concentration of 1,130 ug/kg, which exceeds their NR 720 soil to groundwater RCLs of 5.5 ug/kg and 1,107.2 ug/kg, respectively. Other petroleum compounds were detected, but none exceeding the NR 720 RCLs.

Other low petroleum compounds were reported in SS-6 (West-northwest wall), SS-9 (South Product Line T) and SS-10 (Southeast Dispenser) but none of them exceeding their respective NR 720 soil to groundwater RCLs. None of the remaining samples reported PVOC or



Underground Storage Tank Site Assessment
Santa Monica Clark
4751 North Santa Monica Blvd, Milwaukee, WI
naphthalene above the laboratory limit of detection.

A Site Plan and Soil Sample Location Map, identifying the TSSA soil sample locations are included in Appendix B. Table 1 and Table 2, summarizing the soil sample results, soil analytical, and chain of custody forms from the TSSA are included in Attachment D. Site photographs are located in Attachment C.

Soil Type:

Native soils encountered at the site appeared to be brown sand to brown sandy silt or gray sandy silt. Groundwater was observed in the excavation at a depth of approximately twelve (12) feet bgs.

Previous Release:

GEC reviewed the continuing obligation package from the previous leaking underground storage tank (LUST) investigation found on the WDNR BRRTS on the Web for the Clark Oil Station (BRRTS# 03-41-00450). During the Site Investigation at the site, soil borings and monitoring wells were advanced. Soil boring B1 was advanced just northeast of the tank bed (Nearest to SS-1/MW-1 collected during the TSSA) and soil boring B-3/MW-1 was advanced northeast of the northeast dispenser, east of the tank bed (nearest to SS-4 collected during the TSSA).

Soil analytical data for the B1/MW-1 (Collected at 7 to 9 feet bgs) reported PVOCs above NR 720 soil to groundwater RCLs, specifically total xylenes at 4,200 ug/kg. Other detectable levels of PVOC compounds were found in B-1; ethylbenzene (310 ug/kg) and toluene (270 ug/kg). When comparing these results to SS-1 collected during the recent TSSA, at a depth of approximately 8 feet bgs, relatively low petroleum compounds were detected in both samples.

Soil analytical from B-3/MW-3, collected at 7 to 9 feet bgs reported detectable levels of PVOC compounds, such as ethylbenzene (3.6 ug/kg), toluene (7.1 ug/kg) and total xylenes (7.1 ug/kg), but none above the NR 720 RCL. When comparing these results to B-3/MW-3 to the TSSA sample SS-4, low petroleum compounds were also detected in the TSSA sample.

Because it was an active gasoline station, it does not appear soil samples were collected in the area of the dispensers, so soil samples could not be compared to SS-11 collected during this TSSA.

Based on Figures, shown in the GIS package, soil samples appeared to have been collected at the four corners of the USTs. The data included in the GIS package did not include the soil results for S-1 through S-4.

Based on the map showing the historical soil area of soil contamination encompasses the northern half of the property. No soil samples were collected beneath the dispensers during the previous LUST activity, so it is difficult to make a determination if petroleum affected soils were present at the time of closure. A copy of the WDNR CO Packet is included in Attachment E.

Underground Storage Tank Site Assessment
Santa Monica Clark
4751 North Santa Monica Blvd, Milwaukee, WI

Conclusions:

As part of the TSSA, a total of eleven soil samples were collected from the UST sidewalls, beneath the product lines and dispensers. Due to the depth of pea gravel encountered on the southwest wall of the excavation and beneath the northwestern dispenser, soil samples were not collected in those locations.

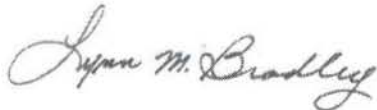
The soil samples collected during the TSSA conducted by GEC at the site reported petroleum contamination exceeding the Wisconsin Administrative Code NR 720 RCLs in SS-1 North-northeast wall with benzene at a concentration of 56 ug/kg; soil sample SS-4 – East-southeast wall with benzene concentration of 40J and SS-11 – Northeast Dispenser reported benzene concentration of 299 ug/kg and toluene concentration of 1,130 ug/kg.

Upon reviewing the area of petroleum contamination documented during the previous release and the relatively low petroleum contamination in the soil samples collected during the recent TSSA, it appears the petroleum contamination may be attributed to the former release. It is recommended this report be provided to the WDNR for concurrence.

Please feel free to contact me if you have any further questions, or if additional information is needed.

Respectfully Submitted,

GENERAL ENGINEERING COMPANY



Lynn Bradley
Environmental Project Manager

Appendix:

- A – Tank System Service and Closure Assessment Forms Part B
- B – Figures
- C – Photographs
- D – Soil Table, Analytical Results and Chain of Custody Documentation
- E – Previous WDNR LUST information

c: Walt's Petroleum (Email)

APPENDIX A
TANK SYSTEM CLOSURE ASSESSMENT –
PART B

**TABLE 1
SOIL ANALYTICAL RESULTS TABLE
WALT'S - SANTA MONICA CLARK
GEC PROJECT # 2-0122-49A**

Sample No.	Sampling Date	Non Cancer RCL Non-Industrial	Cancer RCL Non-Industrial	WDNR Non-Industrial Direct Contact RCL	WDNR Soil to Groundwater RCL	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	SS-8	SS-9
						3/21/2022	3/21/2022	3/23/2022	3/23/2022	3/23/2022	3/23/2022	3/23/2022	3/23/2022	3/23/2022
Sample Description	PID (instrument units)	Sample Depth (feet)				N/NE WALL	N/NW WALL	E/NE WALL	E/SE WALL	W/SW WALL	W/NW WALL	W/SW WALL	SW DISP	S PROD LINE T
						9.5	0.5	332.0	7.0	2.0	2.0	579.0	2.0	2.0
PETROLEUM VOLATILE ORGANIC COMPOUNDS (PVOCS) (µg/kg)						8	8	8	8	8	8	8	3	3
Benzene	106,000	1,600	1,600	5.1	56	<25	<25	<25	40J	<25	<25	<25	<25	<25
Ethylbenzene	4,080,000	8,020	8,020	1,570	34J	<25	<25	<25	<25	<25	<25	33J	<25	<25
Methyl tert-butyl ether	22,100,000	63,800	63,800	27	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Naphthalene	178,000	5,520	5,520	658.2	112	<25	<25	<25	<25	<25	53	70	52J	<25
Toluene	5,240,000	NE	818,000	1,107.2	55J	<25	<25	<25	<25	<25	<25	<25	<25	34J
1,2,4-Trimethylbenzene	373,000	NE	219,000	1,378.7	98	<25	55J	36J	<25	<25	<25	<25	41J	33J
1,3,5-Trimethylbenzene	339,000	NE	182,000		113	<25	25.7J	<25	<25	<25	<25	<25	40J	28.1J
Xylenes, -m, -p	818,000	NE	260,000	3,960	240	<75	<75	<75	<75	<75	41J	<75	37J	98.6J
Xylenes, -o														

J = Analyte detected above laboratory limit of detection but below limit of quantitation.

Bold indicates analytical results exceed NR 720 RCL

RCL = Residual Contaminant Level

µg/kg = micrograms per kilogram

U=Unsatuated S=Saturated

NE = NR 720 RCL not established

**TABLE 1
SOIL ANALYTICAL RESULTS TABLE
WALT'S - SANTA MONICA CLARK
GEC PROJECT # 2-0122-49A**

Sample No.	Sampling Date	Non Cancer RCL Non- Industrial	Cancer RCL Non- Industrial	WDNR Non- Industrial Direct Contact RCL	WDNR Soil to Groundwater RCL	SS-10	SS-11
						3/23/2022	3/23/2022
Sample Description						SE DISP	NE DISP
PID (instrument units)						3.0	3.0
Sample Depth (feet)						3	3
PETROLEUM VOLATILE ORGANIC COMPOUNDS (PVOCs) (µg/kg)							
Benzene		106,000	1,600	1,600	5.1	<25	299
Ethylbenzene		4,080,000	8,020	8,020	1,570	<25	282
Methyl tert-butyl ether		22,100,000	63,800	63,800	27	<25	<25
Naphthalene		178,000	5,520	5,520	658.2	98	370
Toluene		5,240,000	NE	818,000	1,107.2	128	1,130
1,2,4-Trimethylbenzene		373,000	NE	219,000	1,378.7	72	860
1,3,5-Trimethylbenzene		339,000	NE	182,000		79	293
Xylenes, -m, -p		818,000	NE	260,000	3,960	202	2,330
Xylenes, -o							

J = Analyte detected above laboratory limit of detection but below limit of quantitation.
Bold indicates analytical results exceed NR 720 RCL
RCL = Residual Contaminant Level
ug/kg=micrograms per kilogram
U=Unsaturated S=Saturated
NE = NR 720 RCL not established

Part B – To be completed by environmental professional - Submit original Part B to the WDNR along with a copy of Part A

I. TANK-SYSTEM SITE ASSESSMENT (TSSA)

SITE NAME - Note: SITE NAME and address MUST MATCH with Part A Section 1.

SANTA MONICA CLARK

SITE ADDRESS (Not PO Box)

4751 NORTH SANTA MONICA BOULEVARD

CITY TOWN VILLAGE
MILWAUKEE

STATE ZIP
WI 53211

To determine if a TSSA is required, see ATCP 93 and section II part B of ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS.

If a TSSA is required, then follow the procedures detailed in ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS

1. Site Information

a. Has there been a previously documented release at this site? Y N

If yes, provide the DATCP # _____ or DNR BRRT's # 03-41-00450

b. Number of active tanks at facility prior to completion of current services: USTs 2 ASTs _____

(NOTE 1: Do not include previously closed systems or system components.)

c. Excavation/trench dimensions (in feet). (Photos must be provided.)

EXCAVATION/TRENCH #	LENGTH	WIDTH	DEPTH
1	50 55	30 35	2 14
2	25	20	2

2. Visual Excavation/Trench Inspection (Photos must be provided for "Yes" responses, except item b.)

Do any of the following conditions exist in or about the excavation(s)?

a. Stained soils: Yes No b. Petroleum odor: Yes No c. Water In excavation/trench: Yes No

d. Free product in the excavation/trench: Yes No e. Sheen or free product on water: Yes No

3. Geology/Hydrogeology

a. Depth to groundwater 14 feet

b. Indicate type of geology² BROWN SILTY SAND TO SANDY SILT

4. Receptors

a. Water supply well(s) within 250 feet of the facility? Yes No If yes, specify: _____

b. Surface water(s) within 1000 feet of the facility? Yes No If yes, specify: MILWAUKEE RIVER IS 1,000-FEET SOUTHWEST

5. Sampling

a. Follow the procedures detailed in ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS.

b. Complete Tables 1 and 2 as appropriate. (Attach chain-of-custody and laboratory analytical reports.)

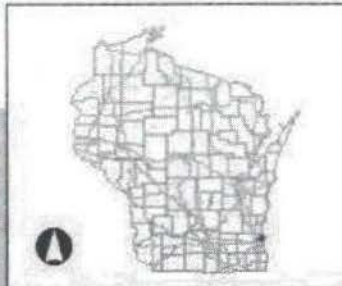
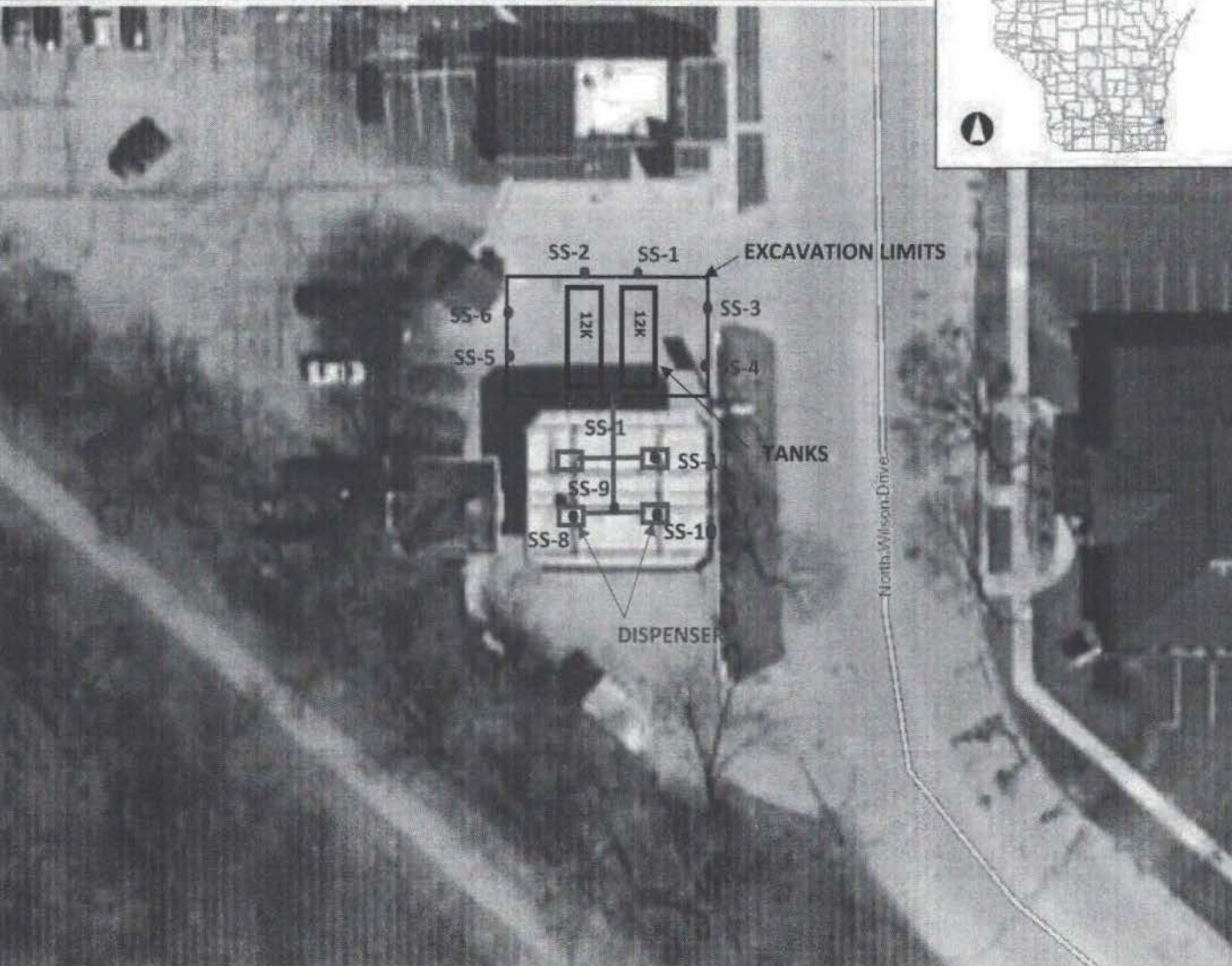
c. Attach a detailed map of site features and sample locations.

J. NOTE RELEVANT OBSERVATIONS, SPECIFIC PROBLEMS OR CONCERNS BELOW

Analytical results detected PVOCs above the NR 720 soil to groundwater RCLs. It appears the petroleum concentrations reported in soil samples collected from the TSSA may be attributed to the former release. It is recommended this report be provided to the WDNR for concurrence.



SITE SAMPLING MAP



Legend

Major Roads

- County Road
- Interstate HWY
- State HWY
- US HWY

Local Roads

- 24K Intermittent Stream
- 24K In Water Flow Labels
- 1
- 2
- 3, 4, 5
- 6, 7, 8, 9

24K River/Stream

- <all other values>
- 1
- 2
- 3, 4, 5
- 6, 7, 8, 9

Waterbody Shoreline

- 24K Waterbody
- Open Water - 24K-Great lakes

0.0 0 0.01 0.0 Miles

NAD_1983_HARN_Wisconsin_TM

1: 495

DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made regarding accuracy, applicability for a particular use, completeness, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: <http://dnr.wi.gov/legis/>

Notes

SANTA MONICA CLARK
4751 NORTH SANTA MONICA BLVD
MILWAUKEE, WI 53211

Synergy Environmental Lab, LLC.

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

LYNN BRADLEY
GENERAL ENGINEERING
916 SILVER LAKE DRIVE
PORTAGE, WI 53901

Report Date 30-Mar-22

Project Name SANTA MONICA CLARK
Project #

Invoice # E40697

Lab Code 5040697A
Sample ID S1 N/NE WALL
Sample Matrix Soil
Sample Date 3/21/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	90.0	%			1	5021		3/24/2022	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	0.056	mg/kg	0.012	0.044	1	GRO95/8021		3/29/2022	CJR	1
Ethylbenzene	0.034 "J"	mg/kg	0.013	0.05	1	GRO95/8021		3/29/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.013	0.05	1	GRO95/8021		3/29/2022	CJR	1
Naphthalene	0.112	mg/kg	0.014	0.053	1	GRO95/8021		3/29/2022	CJR	1
Toluene	0.055 "J"	mg/kg	0.016	0.06	1	GRO95/8021		3/29/2022	CJR	1
1,2,4-Trimethylbenzene	0.098	mg/kg	0.016	0.06	1	GRO95/8021		3/29/2022	CJR	1
1,3,5-Trimethylbenzene	0.113	mg/kg	0.018	0.068	1	GRO95/8021		3/29/2022	CJR	1
m&p-Xylene	0.168	mg/kg	0.03	0.11	1	GRO95/8021		3/29/2022	CJR	1
o-Xylene	0.072	mg/kg	0.013	0.051	1	GRO95/8021		3/29/2022	CJR	1

Project Name SANTA MONICA CLARK
 Project #

Invoice # E40697

Lab Code 5040697B
 Sample ID S2 N/NW WALL
 Sample Matrix Soil
 Sample Date 3/21/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	91.3	%			1	5021		3/24/2022	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.012	0.044	1	GRO95/8021		3/29/2022	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.013	0.05	1	GRO95/8021		3/29/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.013	0.05	1	GRO95/8021		3/29/2022	CJR	1
Naphthalene	< 0.025	mg/kg	0.014	0.053	1	GRO95/8021		3/29/2022	CJR	1
Toluene	< 0.025	mg/kg	0.016	0.06	1	GRO95/8021		3/29/2022	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.016	0.06	1	GRO95/8021		3/29/2022	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.018	0.068	1	GRO95/8021		3/29/2022	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.03	0.11	1	GRO95/8021		3/29/2022	CJR	1
o-Xylene	< 0.025	mg/kg	0.013	0.051	1	GRO95/8021		3/29/2022	CJR	1

Lab Code 5040697C
 Sample ID S3 E/NE WALL
 Sample Matrix Soil
 Sample Date 3/23/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.6	%			1	5021		3/24/2022	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.012	0.044	1	GRO95/8021		3/29/2022	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.013	0.05	1	GRO95/8021		3/29/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.013	0.05	1	GRO95/8021		3/29/2022	CJR	1
Naphthalene	< 0.025	mg/kg	0.014	0.053	1	GRO95/8021		3/29/2022	CJR	1
Toluene	< 0.025	mg/kg	0.016	0.06	1	GRO95/8021		3/29/2022	CJR	1
1,2,4-Trimethylbenzene	0.055 "J"	mg/kg	0.016	0.06	1	GRO95/8021		3/29/2022	CJR	1
1,3,5-Trimethylbenzene	0.0257 "J"	mg/kg	0.018	0.068	1	GRO95/8021		3/29/2022	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.03	0.11	1	GRO95/8021		3/29/2022	CJR	1
o-Xylene	< 0.025	mg/kg	0.013	0.051	1	GRO95/8021		3/29/2022	CJR	1

Project Name SANTA MONICA CLARK
 Project #

Invoice # E40697

Lab Code 5040697D
 Sample ID S4 E/SE WALL
 Sample Matrix Soil
 Sample Date 3/23/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.6	%			1	5021		3/24/2022	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	0.040 "J"	mg/kg	0.012	0.044	1	GRO95/8021		3/29/2022	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.013	0.05	1	GRO95/8021		3/29/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.013	0.05	1	GRO95/8021		3/29/2022	CJR	1
Naphthalene	< 0.025	mg/kg	0.014	0.053	1	GRO95/8021		3/29/2022	CJR	1
Toluene	< 0.025	mg/kg	0.016	0.06	1	GRO95/8021		3/29/2022	CJR	1
1,2,4-Trimethylbenzene	0.036 "J"	mg/kg	0.016	0.06	1	GRO95/8021		3/29/2022	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.018	0.068	1	GRO95/8021		3/29/2022	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.03	0.11	1	GRO95/8021		3/29/2022	CJR	1
o-Xylene	< 0.025	mg/kg	0.013	0.051	1	GRO95/8021		3/29/2022	CJR	1

Lab Code 5040697E
 Sample ID S5 W/SW WALL
 Sample Matrix Soil
 Sample Date 3/23/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	91.2	%			1	5021		3/24/2022	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.012	0.044	1	GRO95/8021		3/29/2022	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.013	0.05	1	GRO95/8021		3/29/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.013	0.05	1	GRO95/8021		3/29/2022	CJR	1
Naphthalene	< 0.025	mg/kg	0.014	0.053	1	GRO95/8021		3/29/2022	CJR	1
Toluene	< 0.025	mg/kg	0.016	0.06	1	GRO95/8021		3/29/2022	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.016	0.06	1	GRO95/8021		3/29/2022	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.018	0.068	1	GRO95/8021		3/29/2022	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.03	0.11	1	GRO95/8021		3/29/2022	CJR	1
o-Xylene	< 0.025	mg/kg	0.013	0.051	1	GRO95/8021		3/29/2022	CJR	1

Project Name SANTA MONICA CLARK
 Project #

Invoice # E40697

Lab Code 5040697F
 Sample ID S6 W/NW WALL
 Sample Matrix Soil
 Sample Date 3/23/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	90.3	%			1	5021		3/24/2022	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.012	0.044	1	GRO95/8021		3/29/2022	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.013	0.05	1	GRO95/8021		3/29/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.013	0.05	1	GRO95/8021		3/29/2022	CJR	1
Naphthalene	0.053	mg/kg	0.014	0.053	1	GRO95/8021		3/29/2022	CJR	1
Toluene	< 0.025	mg/kg	0.016	0.06	1	GRO95/8021		3/29/2022	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.016	0.06	1	GRO95/8021		3/29/2022	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.018	0.068	1	GRO95/8021		3/29/2022	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.03	0.11	1	GRO95/8021		3/29/2022	CJR	1
o-Xylene	0.036 "J"	mg/kg	0.013	0.051	1	GRO95/8021		3/29/2022	CJR	1

Lab Code 5040697G
 Sample ID S7 W/SW WALL
 Sample Matrix Soil
 Sample Date 3/23/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.1	%			1	5021		3/24/2022	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.012	0.044	1	GRO95/8021		3/29/2022	CJR	1
Ethylbenzene	0.033 "J"	mg/kg	0.013	0.05	1	GRO95/8021		3/29/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.013	0.05	1	GRO95/8021		3/29/2022	CJR	1
Naphthalene	0.070	mg/kg	0.014	0.053	1	GRO95/8021		3/29/2022	CJR	1
Toluene	< 0.025	mg/kg	0.016	0.06	1	GRO95/8021		3/29/2022	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.016	0.06	1	GRO95/8021		3/29/2022	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.018	0.068	1	GRO95/8021		3/29/2022	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.03	0.11	1	GRO95/8021		3/29/2022	CJR	1
o-Xylene	< 0.025	mg/kg	0.013	0.051	1	GRO95/8021		3/29/2022	CJR	1

Project #

Lab Code 5040697H
 Sample ID S8 SW DISP
 Sample Matrix Soil
 Sample Date 3/23/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	88.3	%			1	5021		3/24/2022	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.012	0.044	1	GRO95/8021		3/29/2022	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.013	0.05	1	GRO95/8021		3/29/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.013	0.05	1	GRO95/8021		3/29/2022	CJR	1
Naphthalene	0.052 "J"	mg/kg	0.014	0.053	1	GRO95/8021		3/29/2022	CJR	1
Toluene	< 0.025	mg/kg	0.016	0.06	1	GRO95/8021		3/29/2022	CJR	1
1,2,4-Trimethylbenzene	0.041 "J"	mg/kg	0.016	0.06	1	GRO95/8021		3/29/2022	CJR	1
1,3,5-Trimethylbenzene	0.040 "J"	mg/kg	0.018	0.068	1	GRO95/8021		3/29/2022	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.03	0.11	1	GRO95/8021		3/29/2022	CJR	1
o-Xylene	0.037 "J"	mg/kg	0.013	0.051	1	GRO95/8021		3/29/2022	CJR	1

Lab Code 5040697I
 Sample ID S9 S PROD LINE T
 Sample Matrix Soil
 Sample Date 3/23/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	88.2	%			1	5021		3/24/2022	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.012	0.044	1	GRO95/8021		3/29/2022	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.013	0.05	1	GRO95/8021		3/29/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.013	0.05	1	GRO95/8021		3/29/2022	CJR	1
Naphthalene	< 0.025	mg/kg	0.014	0.053	1	GRO95/8021		3/29/2022	CJR	1
Toluene	0.034 "J"	mg/kg	0.016	0.06	1	GRO95/8021		3/29/2022	CJR	1
1,2,4-Trimethylbenzene	0.033 "J"	mg/kg	0.016	0.06	1	GRO95/8021		3/29/2022	CJR	1
1,3,5-Trimethylbenzene	0.0281 "J"	mg/kg	0.018	0.068	1	GRO95/8021		3/29/2022	CJR	1
m&p-Xylene	0.067 "J"	mg/kg	0.03	0.11	1	GRO95/8021		3/29/2022	CJR	1
o-Xylene	0.0316 "J"	mg/kg	0.013	0.051	1	GRO95/8021		3/29/2022	CJR	1

Project

Lab Code 5040697J
 Sample ID S10 SE DISP
 Sample Matrix Soil
 Sample Date 3/23/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.5	%			1	5021		3/24/2022	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.012	0.044	1	GRO95/8021		3/29/2022	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.013	0.05	1	GRO95/8021		3/29/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.013	0.05	1	GRO95/8021		3/29/2022	CJR	1
Naphthalene	0.098	mg/kg	0.014	0.053	1	GRO95/8021		3/29/2022	CJR	1
Toluene	0.128	mg/kg	0.016	0.06	1	GRO95/8021		3/29/2022	CJR	1
1,2,4-Trimethylbenzene	0.072	mg/kg	0.016	0.06	1	GRO95/8021		3/29/2022	CJR	1
1,3,5-Trimethylbenzene	0.079	mg/kg	0.018	0.068	1	GRO95/8021		3/29/2022	CJR	1
m&p-Xylene	0.12	mg/kg	0.03	0.11	1	GRO95/8021		3/29/2022	CJR	1
o-Xylene	0.082	mg/kg	0.013	0.051	1	GRO95/8021		3/29/2022	CJR	1

Lab Code 5040697K
 Sample ID S11 NE DISP
 Sample Matrix Soil
 Sample Date 3/23/2022

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	71.8	%			1	5021		3/24/2022	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	0.299	mg/kg	0.012	0.044	1	GRO95/8021		3/29/2022	CJR	1
Ethylbenzene	0.282	mg/kg	0.013	0.05	1	GRO95/8021		3/29/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.013	0.05	1	GRO95/8021		3/29/2022	CJR	1
Naphthalene	0.37	mg/kg	0.014	0.053	1	GRO95/8021		3/29/2022	CJR	1
Toluene	1.13	mg/kg	0.016	0.06	1	GRO95/8021		3/29/2022	CJR	1
1,2,4-Trimethylbenzene	0.86	mg/kg	0.016	0.06	1	GRO95/8021		3/29/2022	CJR	1
1,3,5-Trimethylbenzene	0.293	mg/kg	0.018	0.068	1	GRO95/8021		3/29/2022	CJR	1
m&p-Xylene	2.01	mg/kg	0.03	0.11	1	GRO95/8021		3/29/2022	CJR	1
o-Xylene	0.32	mg/kg	0.013	0.051	1	GRO95/8021		3/29/2022	CJR	1

Project #

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code *Comment*

1 Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature

A handwritten signature in black ink, appearing to read "Michael P. ...", is written over a light gray rectangular background. The signature is cursive and somewhat stylized.