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January 31, 2018

BRRTS #: 02-38-560993

PECFA #: 54143-9999-02-A

Tom Verstegen
Wisconsin Department of Natural Resources
625 East County Road Y
Oshkosh, WI 54901

Subject: Keller Property – Letter Report

Dear Mr. Verstegen,

Enclosed is the Letter Report for the Keller Property site located at 102 Water Street in Marinette, Wisconsin. **This completes the Public Bidding Deferred workscope approved on September 20, 2017.**

Capping Project Workscope

On October 10-11, 2017, JWK Trucking of Marinette, Wisconsin, conducted a capping project under the supervision and direction of METCO. The capping was being done to address the area of direct contact soil contamination (PVOC's and PAH's) at the site. One foot of gravel was placed over the grass and sand covering two adjacent rectangular areas (Area A: 190' long x 40' wide and Area B: 117' long x 70' wide). Prior to the gravel being leveled and compacted, all on-site monitoring wells were raised exactly 1 foot to be flush with the proposed ground surface (bgs). A total of 1,136.12 tons of gravel was used for capping the two areas to 1 foot above the original ground surface. Photos of the capping project have been attached.

Groundwater Monitoring Workscope

On October 10, 2017, METCO personnel collected a groundwater sample from monitoring well MW-1 for laboratory analysis (PVOC and PAH). Field measurements for water level, Dissolved Oxygen, and temperature, were collected from MW-1. Water level measurements were also collected from six additional temporary/monitoring wells (TW-24, MW-2, MW-3, MW-4, MW-5, and MW-6).

On January 8, 2018, METCO personnel collected a groundwater sample from monitoring well MW-1 for laboratory analysis (PVOC and PAH). Field measurements for water level, Dissolved Oxygen, pH, ORP, temperature, and Specific Conductance were collected from MW-1. Water level measurements were also collected from six

additional temporary/monitoring wells (TW-24, MW-2, MW-3, MW-4, MW-5, and MW-6). The ground surface and top of PVC elevations of the monitoring wells were also re-surveyed to feet mean sea level (msl) by METCO personnel at this time, as the wells were raised 1 foot during the capping project on October 10-11, 2017.

Discussion of Groundwater Results:

Monitoring Well MW-1: Currently shows an NR140 Enforcement Standard (ES) exceedance for Benzene (28.6 ppb). It also shows NR140 Preventive Action Limit (PAL) exceedances for Ethylbenzene (315 ppb), Naphthalene (82 ppb), Trimethylbenzenes (456 ppb), and Xylene (410-415.8 ppb). Contaminant concentrations have slightly decreased since the first time the well was sampled on January 20, 2016.

Conclusions/Recommendations

It is the recommendation of METCO that this site be reviewed for the possibility of closure for the following reasons:

1) The extent of and degree of soil and groundwater contamination appears to be adequately defined.

2) A gravel cap was installed, reducing the risk of exposure to unsaturated soil exceeding NR720 Non-Industrial Direct Contact RCL's.

3) Based on historic groundwater analytical results, overall contaminant trends appear to be stable to decreasing.

4) Concerning the potential for vapor intrusion into the on-site or off-site structures, there does not appear to be any risk to the building as neither soil or groundwater contamination appears to extend underneath the building.

5) The nearest surface water is a marsh/wetland area along the Menominee River, which exists approximately 35 to 50 feet to the north of the subject property. Please note flow direction was north in round 1 and south in rounds 2, 3, and 4, but gradients are very low here.

6) The subject property and surrounding properties are all served by the City of Marinette municipal water supply, which draws its potable water from Green Bay. Numerous non-potable, private wells still remain within the city limits. However, the city does not have any documentation of any private wells within 1,200 feet of the subject property.

If the state concurs that "closure" is a viable option at this time, please contact METCO to discuss closure activities and costs.

Per WDNR response to this conclusion/recommendation METCO will proceed.

A Detailed Site Map, Capping Location Map, Groundwater Flow Maps, Groundwater

Isoconcentration Map, Data Tables, Capping Documents and Photos, and Laboratory Documents have been attached.

If you have any questions or comments please feel free to call (608-781-8879) or email at jasonp@metcohq.com.

Sincerely,

A handwritten signature in black ink that reads "Jason T. Powell". The signature is written in a cursive style with a long, sweeping underline that extends to the left.

Jason T. Powell
Staff Scientist

Attachments

c: Ken Keller – Client

CITY OF MARINETTE PROPERTY

SLOPE DOWN TO MARSH

FORMER RAILROAD TRACKS - CANADIAN NATIONAL PROPERTY

DETAILED SITE MAP

KELLER PROPERTY



709 Grille St. Suite 3
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893

MARINETTE,
WISCONSIN

DRAWN BY: ED DATE: 1/22/2005
MODIFIED BY: PH DATE: 4/13/2007



NOTE: INFORMATION BASED ON AVAILABLE
DATA. ACTUAL CONDITIONS MAY DIFFER

- WATER LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- NATURAL GAS LINE
- BURIED ELECTRIC LINE
- OVERHEAD UTILITIES
- TELEPHONE/CABLE LINE

----- - PROPERTY LINE

⊕ - SEWER MANHOLE

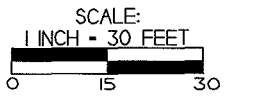
▤ - STORM DRAIN

• - PHASE 2 ESA SOIL BORING LOCATION

✕ - GEOPROBE BORING LOCATION

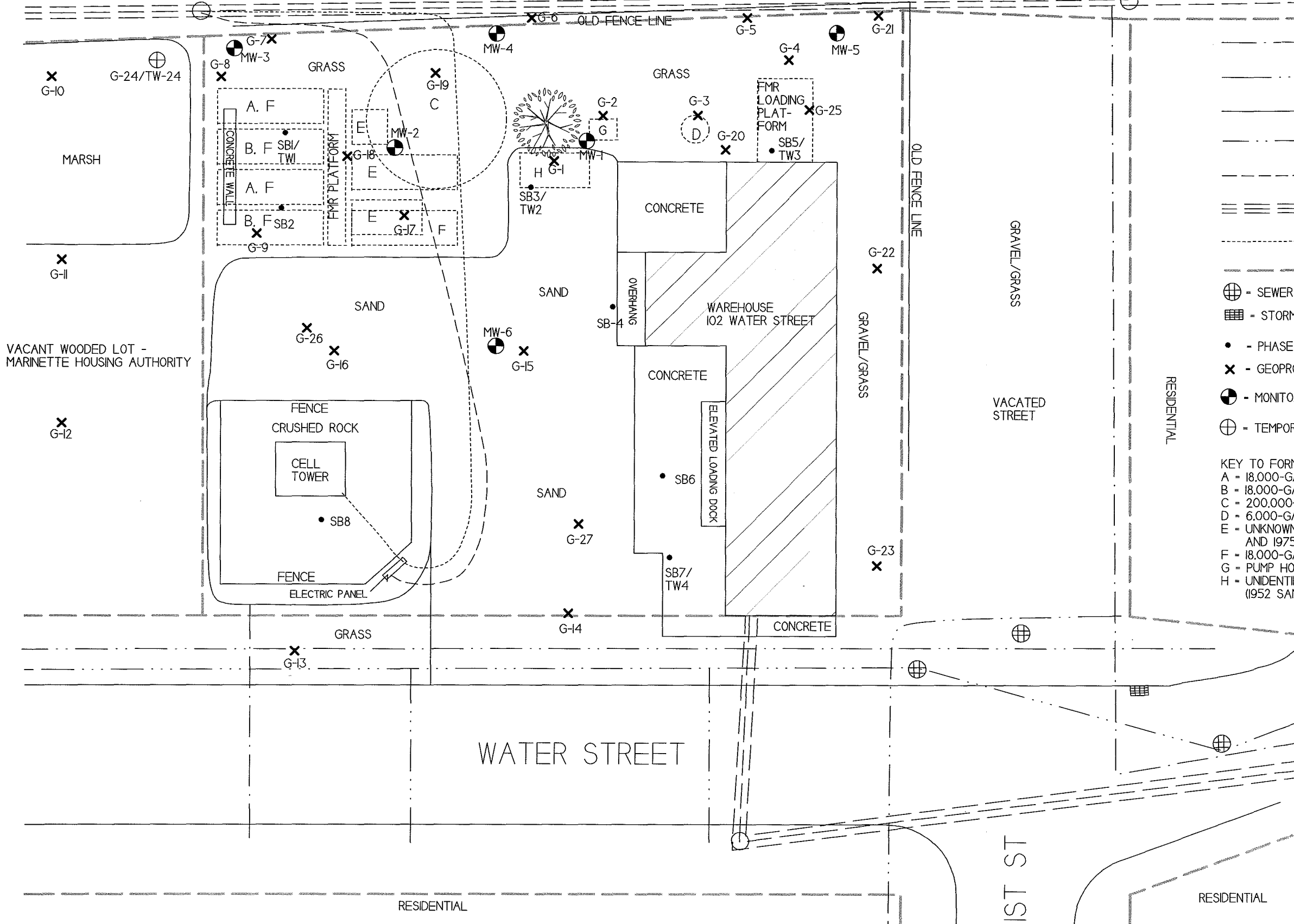
⊙ - MONITORING WELL LOCATION

⊕ - TEMPORARY WELL LOCATION



KEY TO FORMER ASTS

- A = 18,000-GAL GASOLINE (1921 SANBORN MAP)
- B = 18,000-GAL KEROSENE (1921 SANBORN MAP)
- C = 200,000-GAL GASOLINE (1921 AND 1952 SANBORN MAP)
- D = 6,000-GAL LUBRICATING OIL (1921 AND 1935 SANBORN MAP)
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- F = 18,000-GAL GASOLINE TANK (1952 SANBORN MAP)
- G = PUMP HOUSE (1952 SANBORN MAP)
- H = UNIDENTIFIED STRUCTURE/ POSSIBLE LOADING RACK (1952 SANBORN MAP)



VACANT WOODED LOT -
MARINETTE HOUSING AUTHORITY

1ST ST

RESIDENTIAL

CITY OF MARINETTE PROPERTY

SLOPE DOWN TO MARSH


ESTIMATED EXTENT OF SOIL CONTAMINATION EXCEEDING NR720 GW RCLS

FORMER RAILROAD TRACKS - CANADIAN NATIONAL PROPERTY

CAPPING LOCATION MAP
KELLER PROPERTY

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Fax: (608) 781-8893

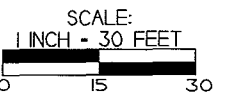
MARINETTE, WISCONSIN
DRAWN BY: ED DATE: 1/22/2005
MODIFIED BY: HJ DATE: 4/13/2007



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□ - LOCATION OF GRAVEL CAP




CITY OF MARINETTE PROPERTY

SLOPE DOWN TO MARSH

FORMER RAILROAD TRACKS -
CANADIAN NATIONAL PROPERTY

B.3.c GROUNDWATER
FLOW DIRECTION (10/10/17)

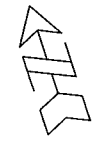
KELLER PROPERTY



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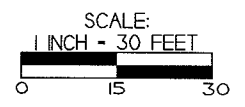
MARINETTE,
WISCONSIN

DRAWN BY: ED DATE: 1/22/2015
MODIFIED BY: MM DATE: 4/13/2017

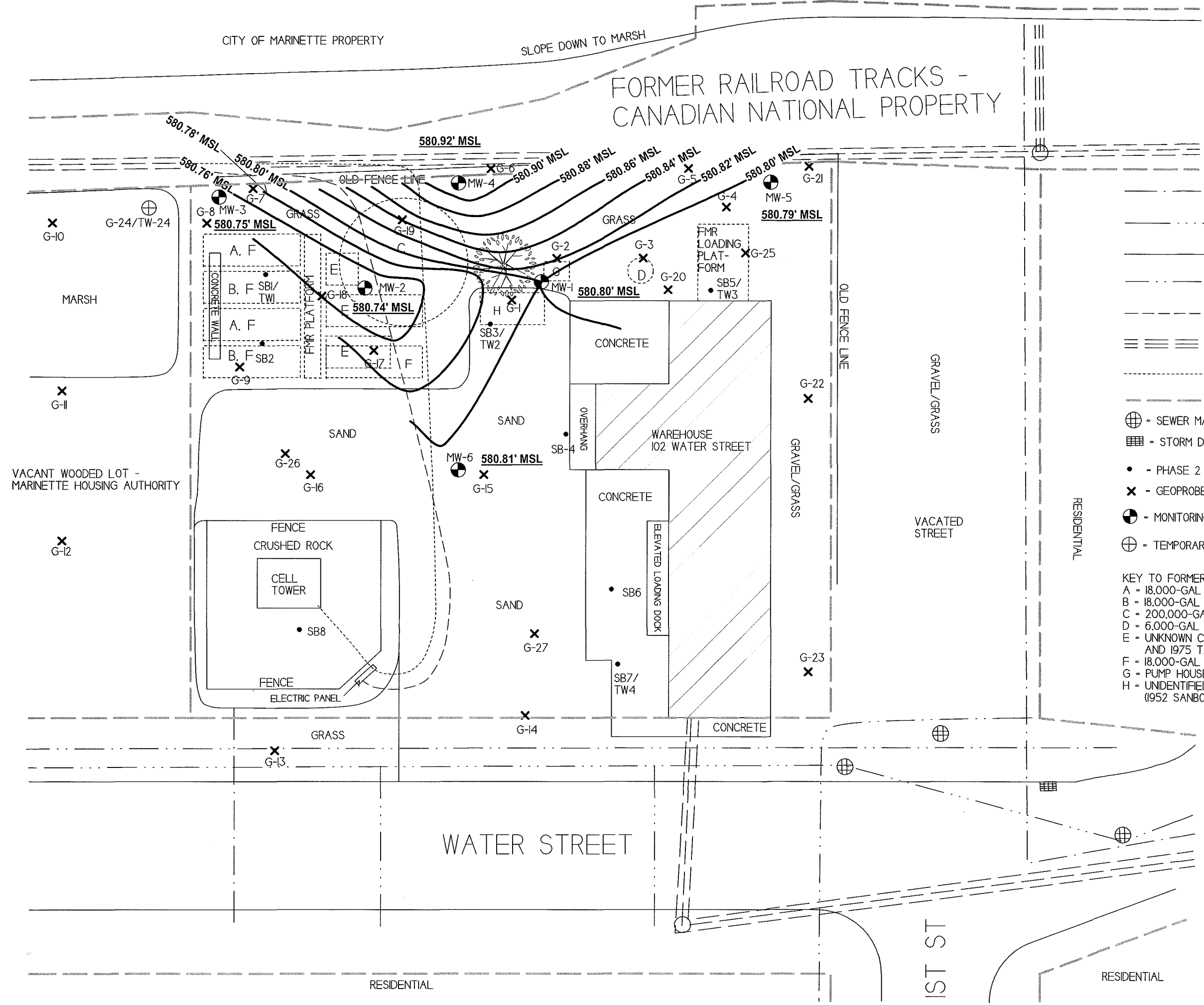


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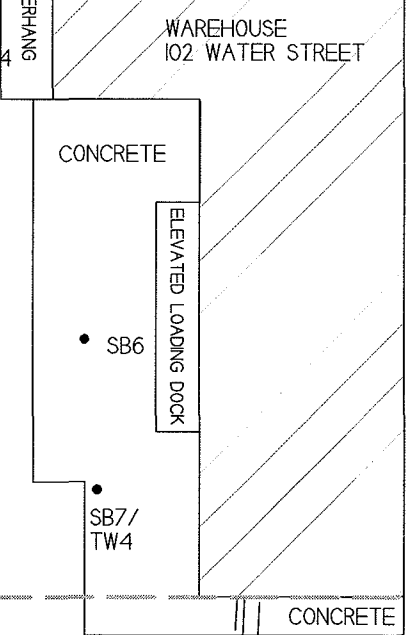
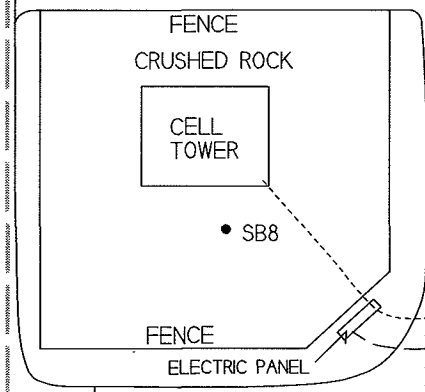
- — — — — WATER LINE
- - - - - SANITARY SEWER LINE
- — — — — STORM SEWER LINE
- - - - - NATURAL GAS LINE
- - - - - BURIED ELECTRIC LINE
- ≡ ≡ ≡ ≡ ≡ ≡ ≡ ≡ ≡ ≡ OVERHEAD UTILITIES
- - - - - TELEPHONE/CABLE LINE
- — — — — PROPERTY LINE
- ⊕ = SEWER MANHOLE
- ▣ = STORM DRAIN
- = PHASE 2 ESA SOIL BORING LOCATION
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VACANT WOODED LOT -
MARINETTE HOUSING AUTHORITY



1ST ST

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SLOPE DOWN TO MARSH

FORMER RAILROAD TRACKS -
CANADIAN NATIONAL PROPERTY

B.3.c GROUNDWATER
FLOW DIRECTION (1/8/18)

KELLER PROPERTY



MARINETTE, WISCONSIN

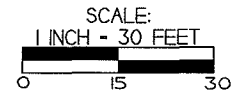
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DRIVEN BY: ED DATE: 1/22/2018
PLOTTED BY: H1 DATE: 4/12/2018

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SLOPE DOWN TO MARSH

FORMER RAILROAD TRACKS -
CANADIAN NATIONAL PROPERTY

B.3.b GROUNDWATER
ISOCONCENTRATION (4/11/17)

KELLER PROPERTY



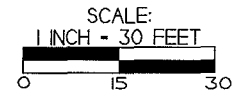
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Tel: (608) 781-8879
Fax: (608) 781-8893

MARINETTE,
WISCONSIN

DRAWN BY: ED DATE 1/22/2016
MODIFIED BY: NI DATE 4/13/2017

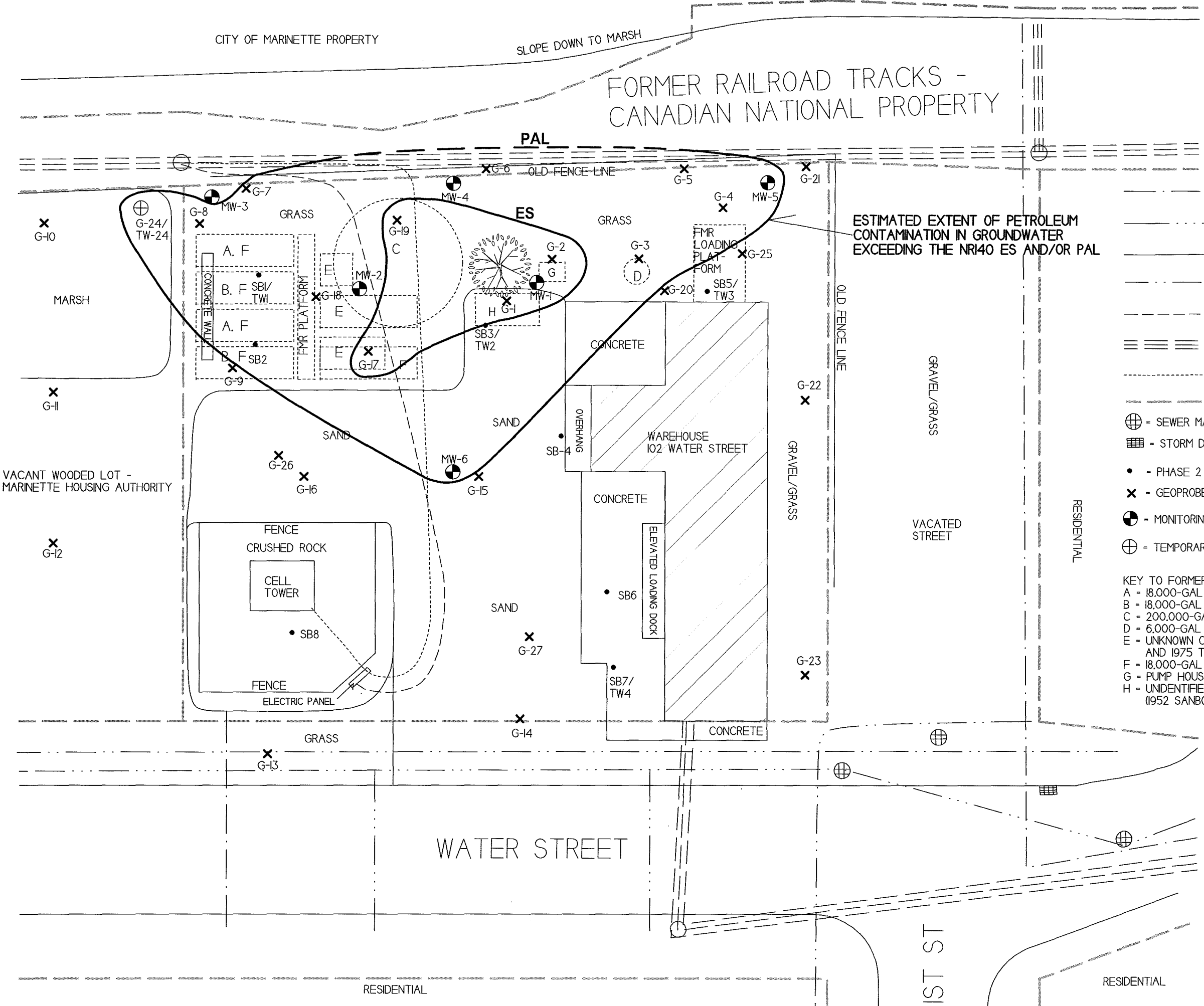
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A.1 Groundwater Analytical Table
Keller Property BRRTS #02-38-560993

Well MW-1 Resurveyed 1-8-18 584.51
PVC Elevation = 583.51 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
01/20/16	579.63	3.88	1.2	30.2	370	<22	116	<8.8	500	520-538
04/11/17	580.40	3.11	NS	25	166	<16.4	28.7	<13.4	292	271-278.8
10/10/17	580.80	3.71	NS	18.5	200	<4.3	50.0	8.5	353	242-248.1
01/08/18	580.11	4.40	NS	28.6	315	<5.7	82.0	9.9	456	410-415.8
ENFORCE MENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-2 Resurveyed 1-8-18 584.26
PVC Elevation = 583.28 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
01/20/16	579.67	3.61	<0.7	0.49	4.4	<1.1	4.5	<0.44	39.9	22.67
04/11/17	580.42	2.86	NS	<0.17	1.62	<0.82	0.207	<0.67	6.07	3.8-4.19
10/10/17	580.74	3.52	NOT SAMPLED							
01/08/18	580.11	4.15	NOT SAMPLED							
ENFORCE MENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-3 Resurveyed 1-8-18 584.28
PVC Elevation = 583.30 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
01/20/16	579.60	3.70	<0.7	<0.44	<0.71	<1.3	<1.6	<0.44	<3.1	<3.1
04/11/17	580.43	2.87	NS	0.33	15.7	<0.82	2.06	2.09	9.3-10.21	3.7-4.09
10/10/17	580.75	3.53	NOT SAMPLED							
01/08/18	580.15	4.13	NOT SAMPLED							
ENFORCE MENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

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A.1 Groundwater Analytical Table
Keller Property BRRTS #02-38-560993

Well MW-4 Resurveyed 1-8-18 584.75
PVC Elevation = 583.81 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
01/20/16	579.62	4.19	<0.7	1.4	10	<1.1	19.9	1.2	24.2	10.1-11
04/11/17	580.44	3.37	NS	4.1	8.7	<0.82	0.90	1.74	19.86	27.01
10/10/17	580.92	3.83	NOT SAMPLED							
01/08/18	580.13	4.62	NOT SAMPLED							
ENFORCE MENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-5 Resurveyed 1-8-18 584.29
PVC Elevation = 583.33 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
01/20/16	579.64	3.69	<0.7	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
04/11/17	580.42	2.91	NS	<0.17	<0.2	<0.82	0.067	<0.67	<2.05	<1.95
10/10/17	580.79	3.50	NOT SAMPLED							
01/08/18	580.16	4.13	NOT SAMPLED							
ENFORCE MENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-6 Resurveyed 1-8-18 584.92
PVC Elevation = 583.88 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
01/20/16	579.72	4.16	<0.7	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
04/11/17	580.40	3.48	NS	0.69	<0.2	<0.82	0.078	<0.67	<2.05	<1.95
10/10/17	580.81	4.11	NOT SAMPLED							
01/08/18	580.10	4.82	NOT SAMPLED							
ENFORCE MENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

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 ns = not sampled nm = not measured
 Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table
Keller Property BRRTS #02-38-560993

Well TW-1

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
08/21/13	NS	NS	NS	<0.30	1.4	<0.40	1.2	<0.30	24.6	3.4
ENFORCE MENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

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 Note: Elevations are presented in feet mean sea level (msl).

Well TW-2

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
08/21/13	NS	NS	NS	0.77	1.8	<0.40	1.1	0.45	14.9	7.9
ENFORCE MENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured
 Note: Elevations are presented in feet mean sea level (msl).

Well TW-3

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
08/21/13	NS	NS	NS	<0.30	<0.30	<0.40	<0.30	<0.30	<0.40	<0.60
ENFORCE MENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured
 Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table
Keller Property BRRTS #02-38-560993

Well TW-4

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
08/21/13	NS	NS	NS	<0.30	<0.30	<0.40	<0.30	<0.30	<0.40	<0.60
ENFORCE MENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured
 Note: Elevations are presented in feet mean sea level (msl).

Well FD2 (TW1)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
08/21/13	NS	NS	NS	<0.30	1.2	<0.40	0.99	<0.30	23.1	2.9
ENFORCE MENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured
 Note: Elevations are presented in feet mean sea level (msl).

Well TW-24

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
04/11/17	NM	1.54	NS	<0.17	<0.2	<0.82	0.152	<0.67	<2.05	<1.95
10/10/17	NM	1.19	NOT SAMPLED							
01/08/18	NM	1.96	NOT SAMPLED							
ENFORCE MENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured
 Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table
(PAH)
Keller Property BRRS #02-38-560993

Well MW-1

Date	Ace-naphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo(a)anthracene (ppb)	Benzo(a)pyrene (ppb)	Benzo(b)fluoranthene (ppb)	Benzo(g,h,i)Perylene (ppb)	Benzo(k)fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h)anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd)pyrene (ppb)	1-Methylnaphthalene (ppb)	2-Methylnaphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)	
01/20/16	0.294	<0.21	<0.2	0.211	<0.19	<0.19	<0.24	<0.18	<0.17	<0.25	0.187	0.37	<0.18	29.2	53	66	0.39	0.18	
04/11/17	<0.16	<0.19	<0.19	<0.17	<0.2	<0.18	<0.25	<0.16	<0.2	<0.25	<0.17	0.288	<0.23	20.0	39.0	28.7	0.278	<0.2	
10/10/17	0.39	0.21	<0.19	0.228	<0.20	<0.18	<0.25	<0.16	<0.20	<0.25	0.35	0.61	<0.23	26.6	60.0	50.0	1.30	0.301	
01/08/18	0.32	<0.19	<0.19	0.186	<0.2	<0.18	<0.25	<0.16	<0.2	<0.25	0.274	0.46	<0.23	30.2	53.0	82.0	0.92	0.212	
ENFORCEMENT STANDARD = ES - Bold				3000	-	0.2	0.2	-	-	0.2	-	400	400	-	-	-	100	-	250
PREVENTIVE ACTION LIMIT = PAL - Italics				600	-	0.02	0.02	-	-	0.02	-	80	80	-	-	-	10	-	50

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-2

Date	Ace-naphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo(a)anthracene (ppb)	Benzo(a)pyrene (ppb)	Benzo(b)fluoranthene (ppb)	Benzo(g,h,i)Perylene (ppb)	Benzo(k)fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h)anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd)pyrene (ppb)	1-Methylnaphthalene (ppb)	2-Methylnaphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)	
01/20/16	<0.02	<0.021	<0.02	0.029	<0.019	0.032	<0.024	<0.018	0.027	<0.025	0.036	<0.017	<0.018	0.233	0.036	0.203	0.017	0.035	
04/11/17	<0.016	0.032	0.0243	0.059	0.051	0.104	0.054	0.033	0.053	<0.025	0.125	<0.021	0.039	0.33	0.145	0.207	0.072	0.10	
10/10/17	NOT SAMPLED																		
01/08/18	NOT SAMPLED																		
ENFORCEMENT STANDARD = ES - Bold				3000	-	0.2	0.2	-	-	0.2	-	400	400	-	-	-	100	-	250
PREVENTIVE ACTION LIMIT = PAL - Italics				600	-	0.02	0.02	-	-	0.02	-	80	80	-	-	-	10	-	50

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-3

Date	Ace-naphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo(a)anthracene (ppb)	Benzo(a)pyrene (ppb)	Benzo(b)fluoranthene (ppb)	Benzo(g,h,i)Perylene (ppb)	Benzo(k)fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h)anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd)pyrene (ppb)	1-Methylnaphthalene (ppb)	2-Methylnaphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)	
01/20/16	<0.02	<0.021	<0.02	0.226	<0.19	0.201	<0.24	<0.18	<0.17	<0.25	0.32	<0.17	<0.18	0.53	0.57	1.02	0.34	0.266	
04/11/17	<0.16	<0.19	<0.19	0.18	<0.2	<0.18	<0.25	<0.16	<0.2	<0.25	0.28	<0.21	<0.23	0.58	<0.24	2.06	0.259	<0.2	
10/10/17	NOT SAMPLED																		
01/08/18	NOT SAMPLED																		
ENFORCEMENT STANDARD = ES - Bold				3000	-	0.2	0.2	-	-	0.2	-	400	400	-	-	-	100	-	250
PREVENTIVE ACTION LIMIT = PAL - Italics				600	-	0.02	0.02	-	-	0.02	-	80	80	-	-	-	10	-	50

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table
(PAH)

Keller Property BRRTS #02-38-560993

Well MW-4

Date	Ace-naphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo(a)anthracene (ppb)	Benzo(a)pyrene (ppb)	Benzo(b)fluoranthene (ppb)	Benzo(g,h,i)Perylene (ppb)	Benzo(k)fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h)anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd)pyrene (ppb)	1-Methylnaphthalene (ppb)	2-Methylnaphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)
01/20/16	4.7	0.43	3.4	1.98	1.03	1.96	0.84	0.78	1.9	<0.25	6.9	3.8	0.59	9.7	3.7	18.1	8.4	5.7
04/11/17	0.91	<0.19	0.283	0.222	<0.2	<0.18	<0.25	<0.16	<0.2	<0.25	0.65	0.65	<0.23	2.57	<0.24	0.90	1.27	0.45
10/10/17	NOT SAMPLED																	
01/08/18	NOT SAMPLED																	
ENFORCE MENT STANDARD = ES - Bold			3000	-	0.2	0.2	-	-	0.2	-	400	400	-	-	-	100	-	250
PREVENTIVE ACTION LIMIT = PAL - Italics			600	-	0.02	0.02	-	-	0.02	-	80	80	-	-	-	10	-	50

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-5

Date	Ace-naphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo(a)anthracene (ppb)	Benzo(a)pyrene (ppb)	Benzo(b)fluoranthene (ppb)	Benzo(g,h,i)Perylene (ppb)	Benzo(k)fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h)anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd)pyrene (ppb)	1-Methylnaphthalene (ppb)	2-Methylnaphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)
01/20/16	<0.02	<0.021	0.026	0.047	0.027	0.051	0.030	0.027	0.048	<0.025	0.063	<0.017	0.026	0.029	0.030	0.035	0.043	0.056
04/11/17	<0.016	0.023	0.037	0.102	0.075	0.136	0.061	0.046	0.084	<0.025	0.179	<0.021	0.049	0.028	0.034	0.067	0.105	0.16
10/10/17	NOT SAMPLED																	
01/08/18	NOT SAMPLED																	
ENFORCE MENT STANDARD = ES - Bold			3000	-	0.2	0.2	-	-	0.2	-	400	400	-	-	-	100	-	250
PREVENTIVE ACTION LIMIT = PAL - Italics			600	-	0.02	0.02	-	-	0.02	-	80	80	-	-	-	10	-	50

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-6

Date	Ace-naphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo(a)anthracene (ppb)	Benzo(a)pyrene (ppb)	Benzo(b)fluoranthene (ppb)	Benzo(g,h,i)Perylene (ppb)	Benzo(k)fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h)anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd)pyrene (ppb)	1-Methylnaphthalene (ppb)	2-Methylnaphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)
01/20/16	<0.02	<0.021	<0.02	0.044	0.039	0.060	0.039	0.030	0.046	<0.025	0.052	<0.017	0.030	0.021	0.025	0.041	0.034	0.051
04/11/17	<0.016	0.0215	<0.019	0.076	0.069	0.132	0.072	0.039	0.068	<0.025	0.133	<0.021	0.054	0.0312	0.034	0.078	0.086	0.111
10/10/17	NOT SAMPLED																	
01/08/18	NOT SAMPLED																	
ENFORCE MENT STANDARD = ES - Bold			3000	-	0.2	0.2	-	-	0.2	-	400	400	-	-	-	100	-	250
PREVENTIVE ACTION LIMIT = PAL - Italics			600	-	0.02	0.02	-	-	0.02	-	80	80	-	-	-	10	-	50

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table
(PAH)
Keller Property BRRTS #02-38-560993

Well TW-1

Date	Ace-naphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo(a)anthracene (ppb)	Benzo(a)pyrene (ppb)	Benzo(b)fluoranthene (ppb)	Benzo(g,h,i)Perylene (ppb)	Benzo(k)fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h)anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd)pyrene (ppb)	1-Methylnaphthalene (ppb)	2-Methylnaphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)
08/21/13	<0.52	<0.52	<0.16	<0.017	<0.042	<0.031	<0.063	<0.019	<0.083	<0.094	<0.025	<0.27	<0.052	0.8	<0.52	<0.52	<0.11	<0.13
ENFORCEMENT STANDARD = ES - Bold			3000	-	0.2	0.2	-	-	0.2	-	400	400	-	-	-	100	-	250
PREVENTIVE ACTION LIMIT = PAL - Italics			600	-	0.02	0.02	-	-	0.02	-	80	80	-	-	-	10	-	50

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well TW-2

Date	Ace-naphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo(a)anthracene (ppb)	Benzo(a)pyrene (ppb)	Benzo(b)fluoranthene (ppb)	Benzo(g,h,i)Perylene (ppb)	Benzo(k)fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h)anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd)pyrene (ppb)	1-Methylnaphthalene (ppb)	2-Methylnaphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)
08/21/13	<0.52	<0.52	<0.16	<0.016	<0.041	<0.031	<0.062	<0.019	<0.082	<0.093	<0.025	<0.27	<0.052	1.8	2	<0.52	<0.11	<0.12
ENFORCEMENT STANDARD = ES - Bold			3000	-	0.2	0.2	-	-	0.2	-	400	400	-	-	-	100	-	250
PREVENTIVE ACTION LIMIT = PAL - Italics			600	-	0.02	0.02	-	-	0.02	-	80	80	-	-	-	10	-	50

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well TW-3

Date	Ace-naphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo(a)anthracene (ppb)	Benzo(a)pyrene (ppb)	Benzo(b)fluoranthene (ppb)	Benzo(g,h,i)Perylene (ppb)	Benzo(k)fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h)anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd)pyrene (ppb)	1-Methylnaphthalene (ppb)	2-Methylnaphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)
08/21/13	<0.52	<0.52	<0.16	<0.016	<0.041	<0.031	<0.062	<0.019	<0.082	<0.093	<0.025	<0.27	<0.052	<0.52	<0.52	<0.52	<0.11	<0.12
ENFORCEMENT STANDARD = ES - Bold			3000	-	0.2	0.2	-	-	0.2	-	400	400	-	-	-	100	-	250
PREVENTIVE ACTION LIMIT = PAL - Italics			600	-	0.02	0.02	-	-	0.02	-	80	80	-	-	-	10	-	50

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table
(PAH)
Keller Property BRRTS #02-38-560993

Well TW-4

Date	Ace-naphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo(a)anthracene (ppb)	Benzo(a)pyrene (ppb)	Benzo(b)fluoranthene (ppb)	Benzo(g,h,i)Perylene (ppb)	Benzo(k)fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h)anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd)pyrene (ppb)	1-Methylnaphthalene (ppb)	2-Methylnaphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)
08/21/13	<0.52	<0.52	<0.16	<0.017	<0.042	<0.031	<0.063	<0.019	<0.063	<0.094	<0.025	<0.27	<0.052	<0.52	<0.52	<0.52	<0.11	<0.13
ENFORCEMENT STANDARD = ES - Bold			3000	-	0.2	0.2	-	-	0.2	-	400	400	-	-	-	100	-	250
PREVENTIVE ACTION LIMIT = PAL - Italics			600	-	0.02	0.02	-	-	0.02	-	80	80	-	-	-	10	-	50

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured
 Note: Elevations are presented in feet mean sea level (msl).

Well FD2 (TW1)

Date	Ace-naphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo(a)anthracene (ppb)	Benzo(a)pyrene (ppb)	Benzo(b)fluoranthene (ppb)	Benzo(g,h,i)Perylene (ppb)	Benzo(k)fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h)anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd)pyrene (ppb)	1-Methylnaphthalene (ppb)	2-Methylnaphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)
08/21/13	<0.52	<0.52	<0.16	<0.017	<0.042	<0.032	<0.063	<0.019	<0.084	<0.095	<0.025	<0.27	<0.052	0.63	<0.53	<0.53	<0.12	<0.13
ENFORCEMENT STANDARD = ES - Bold			3000	-	0.2	0.2	-	-	0.2	-	400	400	-	-	-	100	-	250
PREVENTIVE ACTION LIMIT = PAL - Italics			600	-	0.02	0.02	-	-	0.02	-	80	80	-	-	-	10	-	50

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured
 Note: Elevations are presented in feet mean sea level (msl).

Well TW-24

Date	Ace-naphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo(a)anthracene (ppb)	Benzo(a)pyrene (ppb)	Benzo(b)fluoranthene (ppb)	Benzo(g,h,i)Perylene (ppb)	Benzo(k)fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h)anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd)pyrene (ppb)	1-Methylnaphthalene (ppb)	2-Methylnaphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)
04/11/17	<0.08	<0.095	<0.095	0.104	<0.1	0.173	<0.125	<0.08	<0.1	<0.125	0.154	<0.105	<0.115	<0.12	<0.12	0.152	<0.125	0.126
01/08/18	NOT SAMPLED																	
ENFORCEMENT STANDARD = ES - Bold			3000	-	0.2	0.2	-	-	0.2	-	400	400	-	-	-	100	-	250
PREVENTIVE ACTION LIMIT = PAL - Italics			600	-	0.02	0.02	-	-	0.02	-	80	80	-	-	-	10	-	50

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured
 Note: Elevations are presented in feet mean sea level (msl).

A.6 Water Level Elevations
Keller Property BRRTS #02-38-560993
Marinette, Wisconsin

	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	TW-24
Ground Surface (feet msl)	583.97	583.72	583.81	584.28	583.79	584.34	NM
Ground Surface (feet msl) resurveyed 1-8-18	584.65	584.49	584.63	585.14	584.59	585.11	NM
PVC top (feet msl)	583.51	583.28	583.30	583.81	583.33	583.88	NM
PVC top (feet msl) resurveyed 1-8-18	584.51	584.26	584.28	584.75	584.29	584.92	585.11
Well Depth (feet)	13.00	13.00	13.00	13.00	13.00	13.00	4
Top of screen (feet msl)	568.65	580.72	580.81	581.28	580.79	581.34	NM
Top of screen (feet msl) resurveyed 1-8-18	581.65	581.49	581.63	582.14	581.59	582.11	NM
Bottom of screen (feet msl)	558.65	570.72	570.81	571.28	570.79	571.34	NM
Bottom of screen (feet msl) resurveyed 1-8-18	571.65	571.49	571.63	572.14	571.59	572.11	NM
Depth to Water From Top of PVC (feet)							
01/20/16	3.88	3.61	3.70	4.19	3.69	4.16	NM
04/11/17	3.11	2.86	2.87	3.37	2.91	3.48	1.54
10/10/17	3.71	3.52	3.53	3.83	3.50	4.11	1.19
01/08/18	4.40	4.15	4.13	4.62	4.13	4.82	1.96
Depth to Water From Ground Surface (feet)							
01/20/16	4.34	4.05	4.21	4.66	4.15	4.62	NM
04/11/17	3.57	3.30	3.38	3.84	3.37	3.94	NM
10/10/17	3.85	3.75	3.88	4.22	3.80	4.30	NM
01/08/18	4.54	4.38	4.48	5.01	4.43	5.01	NM
Groundwater Elevation (feet msl)							
01/20/16	579.63	579.67	579.60	579.62	579.64	579.72	NM
04/11/17	580.40	580.42	580.43	580.44	580.42	580.40	NM
10/10/17	580.80	580.74	580.75	580.92	580.79	580.81	NM
01/08/18	580.11	580.11	580.15	580.13	580.16	580.10	NM

NM = Not Measured

A.7 Other
Groundwater NA Indicator Results
Keller Property BRRTS #02-38-560993

Well MW-1

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
01/20/16	2.86	6.57	-32	7.2	408	0.401	15.7	2.54	677
04/11/17	1.56	6.85	35	6.5	630	NS	NS	NS	NS
10/10/17	0.30	NS	NS	14.7	NS	NS	NS	NS	NS
01/08/18	2.62	7.23	47	6.0	1879	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						2	-	-	60

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-2

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
01/20/16	3.35	6.64	187	5.9	732	0.329	47.8	0.74	563
04/11/17	0.47	6.82	204	4.4	731	NS	NS	NS	NS
10/10/17	NOT SAMPLED					NS	NS	NS	NS
01/08/18	NOT SAMPLED					NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						2	-	-	60

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-3

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
01/20/16	3.42	6.62	-61	5.7	780	0.509	81.8	0.44	150
04/11/17	0.78	6.85	47	4.8	635	NS	NS	NS	NS
10/10/17	NOT SAMPLED					NS	NS	NS	NS
01/08/18	NOT SAMPLED					NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						2	-	-	60

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-4

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
01/20/16	2.79	6.39	-108	7.3	734	0.357	145	1.70	321
04/11/17	1.46	6.84	130	7.0	817	NS	NS	NS	NS
10/10/17	NOT SAMPLED					NS	NS	NS	NS
01/08/18	NOT SAMPLED					NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						2	-	-	60

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
 Note: Elevations are presented in feet mean sea level (msl).

A.7 Other
Groundwater NA Indicator Results
Keller Property BRRTS #02-38-560993

Well MW-5

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
01/20/16	6.73	6.52	223	7.2	666	0.296	33.2	0.62	353
04/11/17	1.81	6.55	206	7.5	768	NS	NS	NS	NS
10/10/17	NOT SAMPLED					NS	NS	NS	NS
01/08/18	NOT SAMPLED					NS	NS	NS	NS
ENFORCE MENT STANDARD = ES – Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						2	-	-	60

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-6

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
01/20/16	7.54	6.55	213	8.1	857	0.257	65.1	0.63	410
04/11/17	1.11	6.72	23	4.5	836	NS	NS	NS	NS
10/10/17	NOT SAMPLED					NS	NS	NS	NS
01/08/18	NOT SAMPLED					NS	NS	NS	NS
ENFORCE MENT STANDARD = ES – Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						2	-	-	60

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
 Note: Elevations are presented in feet mean sea level (msl).

Well TW-24

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
04/11/17	3.14	6.99	166	3.3	419.8	NS	NS	NS	NS
10/10/17	NOT SAMPLED					NS	NS	NS	NS
01/08/18	NOT SAMPLED					NS	NS	NS	NS
ENFORCE MENT STANDARD = ES – Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						2	-	-	60

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
 Note: Elevations are presented in feet mean sea level (msl).

Capping Project Photos

Photo #1: Looking southeast.



Photo #2: Looking northeast.



Photo #3: Looking north.



Photo #4: Looking east.



Photo #5: Looking west.



Photo #6: Looking north.



Photo #7: Looking east.



Photo #8: Looking northeast.



Photo #9: Looking east.



Photo #10: Looking south.



Synergy Environmental Lab,

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

KEN KELLER
 KEN KELLER
 309 OGDEN STREET
 MARINETTE, WI 54143

Report Date 20-Oct-17

Project Name KELLER PROPERTY
 Project #

Invoice # E33718

Lab Code 5033718A
 Sample ID MW-1
 Sample Matrix Water
 Sample Date 10/10/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PAH SIM										
Acenaphthene	0.39 "J"	ug/l	0.16	0.5	10	M8270C	10/17/2017	10/17/2017	NJC	1
Acenaphthylene	0.21 "J"	ug/l	0.19	0.61	10	M8270C	10/17/2017	10/17/2017	NJC	1
Anthracene	< 0.19	ug/l	0.19	0.62	10	M8270C	10/17/2017	10/17/2017	NJC	1
Benzo(a)anthracene	0.228 "J"	ug/l	0.17	0.54	10	M8270C	10/17/2017	10/17/2017	NJC	1
Benzo(a)pyrene	< 0.20	ug/l	0.2	0.65	10	M8270C	10/17/2017	10/17/2017	NJC	1
Benzo(b)fluoranthene	< 0.18	ug/l	0.18	0.58	10	M8270C	10/17/2017	10/17/2017	NJC	1
Benzo(g,h,i)perylene	< 0.25	ug/l	0.25	0.81	10	M8270C	10/17/2017	10/17/2017	NJC	1
Benzo(k)fluoranthene	< 0.16	ug/l	0.16	0.5	10	M8270C	10/17/2017	10/17/2017	NJC	1
Chrysene	< 0.20	ug/l	0.2	0.65	10	M8270C	10/17/2017	10/17/2017	NJC	1
Dibenzo(a,h)anthracene	< 0.25	ug/l	0.25	0.78	10	M8270C	10/17/2017	10/17/2017	NJC	1
Fluoranthene	0.35 "J"	ug/l	0.17	0.53	10	M8270C	10/17/2017	10/17/2017	NJC	1
Fluorene	0.61 "J"	ug/l	0.21	0.66	10	M8270C	10/17/2017	10/17/2017	NJC	1
Indeno(1,2,3-cd)pyrene	< 0.23	ug/l	0.23	0.74	10	M8270C	10/17/2017	10/17/2017	NJC	1
1-Methyl naphthalene	26.6	ug/l	0.24	0.76	10	M8270C	10/17/2017	10/17/2017	NJC	1
2-Methyl naphthalene	60.0	ug/l	0.24	0.75	10	M8270C	10/17/2017	10/17/2017	NJC	1
Naphthalene	50.0	ug/l	0.25	0.81	10	M8270C	10/17/2017	10/17/2017	NJC	1
Phenanthrene	1.30	ug/l	0.25	0.81	10	M8270C	10/17/2017	10/17/2017	NJC	1
Pyrene	0.301 "J"	ug/l	0.2	0.63	10	M8270C	10/17/2017	10/17/2017	NJC	1
PVOC										
Benzene	18.5	ug/l	2.7	8.7	10	GRO95/8021		10/18/2017	TCC	1
Ethylbenzene	200	ug/l	5.6	17.7	10	GRO95/8021		10/18/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 4.3	ug/l	4.3	13.6	10	GRO95/8021		10/18/2017	TCC	1
Toluene	8.5 "J"	ug/l	3.3	10.6	10	GRO95/8021		10/18/2017	TCC	1
1,2,4-Trimethylbenzene	282	ug/l	5.6	17.8	10	GRO95/8021		10/18/2017	TCC	1
1,3,5-Trimethylbenzene	71	ug/l	5.8	18.4	10	GRO95/8021		10/18/2017	TCC	1
m&p-Xylene	242	ug/l	11	34.9	10	GRO95/8021		10/18/2017	TCC	1
o-Xylene	< 6.1	ug/l	6.1	19.2	10	GRO95/8021		10/18/2017	TCC	1

Project Name KELLER PROPERTY

Invoice # E33718

Project #

Lab Code 5033718B

Sample ID TRIP BLANK

Sample Matrix Water

Sample Date 10/10/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC										
Benzene	< 0.27	ug/l	0.27	0.87	1	GRO95/8021		10/18/2017	TCC	1
Ethylbenzene	< 0.56	ug/l	0.56	1.77	1	GRO95/8021		10/18/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.43	ug/l	0.43	1.36	1	GRO95/8021		10/18/2017	TCC	1
Toluene	< 0.33	ug/l	0.33	1.06	1	GRO95/8021		10/18/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.56	ug/l	0.56	1.78	1	GRO95/8021		10/18/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		10/18/2017	TCC	1
m&p-Xylene	< 1.1	ug/l	1.1	3.49	1	GRO95/8021		10/18/2017	TCC	1
o-Xylene	< 0.61	ug/l	0.61	1.92	1	GRO95/8021		10/18/2017	TCC	1

"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

Michael Ricker

CHAIN OF CUSTODY RECORD

Synergy

Chain # No 305

Page 1 of 1

Environmental Lab, Inc.

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

Sample Handling Request

Rush Analysis Date Required _____
(Rushes accepted only with prior authorization)

Normal Turn Around

Lab I.D. # _____
Account No. : _____ Quote No. : _____
Project #: _____
Sampler: (signature) K. T. Powell

Project (Name / Location): Keller Property - Marinette, WI
Reports To: Ken Keller Invoice To: Ken Keller
Company: _____ Company: clo METCO
Address: 309 Ogden St. Address: 709 Gillette St., Ste 3
City State Zip: Marinette, WI 54143 City State Zip: La Crosse WI 54603
Phone: _____ Phone: 608-781-8879
FAX: _____ FAX: _____

Analysis Requested												Other Analysis			
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-PCRA METALS	PID/ FID	
					<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								
							<input checked="" type="checkbox"/>								

Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
<u>5033113</u>	<u>mw-1</u>	<u>10/12/17</u>	<u>4:30 PM</u>		<input checked="" type="checkbox"/>		<u>4</u>	<u>GW</u>	<u>HCL</u>
	<u>Trip Blank</u>						<u>1</u>		

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

Lab to send copy of report to METCO
uic Rates Apply
"Agent States"

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

Relinquished By: (sign) K. T. Powell Time 9:30 A Date 10/12/17
Received By: (sign) _____ Time _____ Date _____
Received in Laboratory By: [Signature] Time: 9:30 Date: 10/12/17

Synergy Environmental Lab,

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

JASON POWELL
 METCO
 709 GILLETTE ST
 LA CROSSE, WI 54603-2382

Report Date 18-Jan-18

Project Name KELLER PROPERTY
 Project #

Invoice # E34106

Lab Code 5034106A
 Sample ID MW-1
 Sample Matrix Water
 Sample Date 1/8/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PAH SIM										
Acenaphthene	0.32 "J"	ug/l	0.16	0.5	10	M8270C	1/15/2018	1/15/2018	NJC	1
Acenaphthylene	< 0.19	ug/l	0.19	0.61	10	M8270C	1/15/2018	1/15/2018	NJC	1
Anthracene	< 0.19	ug/l	0.19	0.62	10	M8270C	1/15/2018	1/15/2018	NJC	1
Benzo(a)anthracene	0.186 "J"	ug/l	0.17	0.54	10	M8270C	1/15/2018	1/15/2018	NJC	1
Benzo(a)pyrene	< 0.2	ug/l	0.2	0.65	10	M8270C	1/15/2018	1/15/2018	NJC	1
Benzo(b)fluoranthene	< 0.18	ug/l	0.18	0.58	10	M8270C	1/15/2018	1/15/2018	NJC	1
Benzo(g,h,i)perylene	< 0.25	ug/l	0.25	0.81	10	M8270C	1/15/2018	1/15/2018	NJC	1
Benzo(k)fluoranthene	< 0.16	ug/l	0.16	0.5	10	M8270C	1/15/2018	1/15/2018	NJC	1
Chrysene	< 0.2	ug/l	0.2	0.65	10	M8270C	1/15/2018	1/15/2018	NJC	1
Dibenzo(a,h)anthracene	< 0.25	ug/l	0.25	0.78	10	M8270C	1/15/2018	1/15/2018	NJC	1
Fluoranthene	0.274 "J"	ug/l	0.17	0.53	10	M8270C	1/15/2018	1/15/2018	NJC	1
Fluorene	0.46 "J"	ug/l	0.21	0.66	10	M8270C	1/15/2018	1/15/2018	NJC	1
Indeno(1,2,3-cd)pyrene	< 0.23	ug/l	0.23	0.74	10	M8270C	1/15/2018	1/15/2018	NJC	1
1-Methyl naphthalene	30.2	ug/l	0.24	0.76	10	M8270C	1/15/2018	1/15/2018	NJC	1
2-Methyl naphthalene	53.0	ug/l	0.24	0.75	10	M8270C	1/15/2018	1/15/2018	NJC	1
Naphthalene	82.0	ug/l	0.25	0.81	10	M8270C	1/15/2018	1/15/2018	NJC	5
Phenanthrene	0.92	ug/l	0.25	0.81	10	M8270C	1/15/2018	1/15/2018	NJC	1
Pyrene	0.212 "J"	ug/l	0.2	0.63	10	M8270C	1/15/2018	1/15/2018	NJC	1
PVOC										
Benzene	28.6	ug/l	2.2	6.9	10	GRO95/8021		1/10/2018	TCC	1
Ethylbenzene	315	ug/l	5.3	16.9	10	GRO95/8021		1/10/2018	TCC	1
Methyl tert-butyl ether (MTBE)	< 5.7	ug/l	5.7	18.2	10	GRO95/8021		1/10/2018	TCC	1
Toluene	9.9 "J"	ug/l	4.5	14.5	10	GRO95/8021		1/10/2018	TCC	1
1,2,4-Trimethylbenzene	370	ug/l	7.3	23.3	10	GRO95/8021		1/10/2018	TCC	1
1,3,5-Trimethylbenzene	86	ug/l	7.5	23.9	10	GRO95/8021		1/10/2018	TCC	1
m&p-Xylene	410	ug/l	10	31.7	10	GRO95/8021		1/10/2018	TCC	1
o-Xylene	< 5.8	ug/l	5.8	18.4	10	GRO95/8021		1/10/2018	TCC	1

Project #

Lab Code 5034106B
 Sample ID TB
 Sample Matrix Water
 Sample Date 1/8/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021		1/10/2018	TCC	I
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		1/10/2018	TCC	I
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		1/10/2018	TCC	I
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		1/10/2018	TCC	I
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		1/10/2018	TCC	I
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		1/10/2018	TCC	I
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		1/10/2018	TCC	I
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		1/10/2018	TCC	I

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code	Comment
1	Laboratory QC within limits.
5	The QC blank not within established 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

Michael Ricker

Environmental Lab, Inc.

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

Sample Handling Request

Rush Analysis Date Required _____
(Rushes accepted only with prior authorization)

Normal Turn Around

Lab ID # _____
Account No.: _____ Quote No.: _____
Project #: _____
Sampler: (signature) *Jan Jan*

Project (Name / Location): *Keller Property / Marinette*

Reports To: <i>Ken Keller</i>	Invoice To: <i>Ken Keller</i>
Company: _____	Company: <i>C/O METCO</i>
Address: <i>309 Ogden St</i>	Address: <i>709 Gillette St, Ste. 3</i>
City State Zip: <i>Marinette, WI 54143</i>	City State Zip: <i>La Crosse, WI 54603</i>
Phone: _____	Phone: _____
FAX: _____	FAX: _____

Analysis Requested												Other Analysis		
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	8-RCRA METALS	PID/ FID
					X		X							
							X							

Lab ID	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
<i>503466A</i>	<i>MW-1 TB</i>	<i>1-8</i>	<i>1100</i>				<i>4</i>	<i>GW</i>	<i>Hel, None</i>
							<i>1</i>		<i>HEL</i>

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)
Lab to send copy of report to METCO / Jason P. (Invoice to METCO)
Auto rates apply
** Agent status*

Sample Integrity - To be completed by receiving lab Method of Shipment: <i>50L Drum</i> Temp. of Temp. Blank: _____ °C On Ice: <input checked="" type="checkbox"/> Cooler seal intact upon receipt: <input checked="" type="checkbox"/> Yes _____ No	Relinquished By: (sign) <i>Jan Jan</i>	Time: <i>5:15 PM</i>	Date: <i>1-8-18</i>	Received By: (sign) _____	Time: _____	Date: _____
	Received in Laboratory By: <i>Mich - JSL</i>	Time: <i>1-10-18</i>	Date: <i>8:00 AM</i>			