

A.1 Groundwater Analytical Table
Auto Repair on Vliet BRRTS #03-41-286924

Well MW-4

PVC Elevation = 680.05 (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)
05/10/17	668.89	11.16	<4.5	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
12/18/18	668.54	11.51	NS	0.48	<0.53	<0.57	<1.7	0.70	<1.48	<1.58
03/13/19	668.84	11.21	NOT SAMPLED							
10/08/19	668.82	11.23	NOT SAMPLED							
01/07/20	668.53	11.52	NOT SAMPLED							
ENFORCEMENT 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

PVC Elevation = 679.45 (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)
05/10/17	667.76	11.69	<4.5	<0.17	<0.2	5.1	<2.17	<0.67	<2.05	<1.95
12/18/18	667.75	11.70	NS	<0.22	<0.53	3.7	<1.7	<0.45	<1.48	<1.58
03/13/19	667.80	11.65	NOT SAMPLED							
10/08/19	667.81	11.64	NOT SAMPLED							
01/07/20	667.74	11.71	NOT SAMPLED							
ENFORCEMENT 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

PVC Elevation = 680.20 (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)
12/18/18	668.31	11.89	5.9	69	400	<14	<105	1000	436	2320
03/13/19	668.69	11.51	<0.8	33	259	<5.7	29.3	164	146	798
10/08/19	668.56	11.64	NS	<16	91	<12	<65	59	67-100.5	360
01/07/20	668.32	11.88	NS	21.1	306	<0.71	71	226	297	1210
ENFORCEMENT 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
Auto Repair on Vliet BRRTS #03-41-286924

Well MW-7

PVC Elevation =

681.03 (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)
10/08/19	670.38	10.65	NS	<0.32	<0.29	<0.24	<1.3	<0.29	0.71-1.38	<1.12
01/07/20	669.93	11.10	NS	<0.48	<0.55	<0.71	<0.82	<0.62	<1.37	<2.04
ENFORCEMENT 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
Auto Repair on Vliet BRRTS #03-41-286924

Well Sampling Conducted on: 05/10/17 05/10/17 05/10/17 05/10/17 05/10/17 12/18/18 12/18/18

VOC's

Well Name	MW-1	MW-2	MW-3	MW-4	MW-5	MW-1R	MW-6
Lead/ppb	25.9	< 4.5	< 4.5	< 4.5	< 4.5	5.6	5.9
Benzene/ppb	5100	< 0.17	< 0.17	< 0.17	< 0.17	6200	69
Bromobenzene/ppb	< 21.5	< 0.43	< 0.43	< 0.43	< 0.43	< 4.4	< 22
Bromodichloromethane/ppb	< 15.5	< 0.31	< 0.31	< 0.31	< 0.31	< 3.3	< 16.5
Bromofom/ppb	< 24.5	< 0.49	< 0.49	< 0.49	< 0.49	< 4.5	< 22.5
tert-Butylbenzene/ppb	< 19.5	< 0.39	< 0.39	< 0.39	< 0.39	< 2.5	< 12.5
sec-Butylbenzene/ppb	< 12	< 0.24	< 0.24	< 0.24	< 0.24	< 7.9	< 39.5
n-Butylbenzene/ppb	< 17	< 0.34	< 0.34	< 0.34	< 0.34	8.0 "J"	< 35.5
Carbon Tetrachloride/ppb	< 10.5	< 0.21	< 0.21	< 0.21	< 0.21	< 3.1	< 15.5
Chlorobenzene/ppb	< 13.5	< 0.27	< 0.27	< 0.27	< 0.27	< 2.6	< 13
Chloroethane/ppb	< 25	< 0.5	< 0.5	< 0.5	< 0.5	< 6.1	< 30.5
Chloroform/ppb	< 48	< 0.96	< 0.96	< 0.96	< 0.96	< 2.6	< 13
Chloromethane/ppb	213	< 1.3	< 1.3	< 1.3	< 1.3	< 5.4	< 27
2-Chlorotoluene/ppb	< 18	< 0.36	< 0.36	< 0.36	< 0.36	< 3.1	< 15.5
4-Chlorotoluene/ppb	< 17.5	< 0.35	< 0.35	< 0.35	< 0.35	< 2.6	< 13
1,2-Dibromo-3-chloropropane/ppb	< 94	< 1.88	< 1.88	< 1.88	< 1.88	< 29.6	< 148
Dibromochloromethane/ppb	< 22.5	< 0.45	< 0.45	< 0.45	< 0.45	< 2.2	< 11
1,4-Dichlorobenzene/ppb	< 21	< 0.42	< 0.42	< 0.42	< 0.42	< 7	< 35
1,3-Dichlorobenzene/ppb	< 22.5	< 0.45	< 0.45	< 0.45	< 0.45	< 8.5	< 42.5
1,2-Dichlorobenzene/ppb	< 17	< 0.34	< 0.34	< 0.34	< 0.34	< 8.6	< 43
Dichlorodifluoromethane/ppb	< 19	< 0.38	< 0.38	< 0.38	< 0.38	< 3.2	< 16
1,2-Dichloroethane/ppb	< 22.5	< 0.45	< 0.45	< 0.45	< 0.45	< 2.5	< 12.5
1,1-Dichloroethane/ppb	< 21	< 0.42	< 0.42	< 0.42	< 0.42	< 3.6	< 18
1,1-Dichloroethene/ppb	< 23	< 0.46	< 0.46	< 0.46	< 0.46	< 4.2	< 21
cis-1,2-Dichloroethene/ppb	< 20.5	< 0.41	< 0.41	< 0.41	< 0.41	< 3.7	< 18.5
trans-1,2-Dichloroethene/ppb	< 17.5	< 0.35	< 0.35	< 0.35	< 0.35	< 3.4	< 17
1,2-Dichloropropane/ppb	< 19.5	< 0.39	< 0.39	< 0.39	< 0.39	13 "J"	< 22
1,3-Dichloropropane/ppb	< 24.5	< 0.49	< 0.49	< 0.49	< 0.49	< 3	< 15
trans-1,3-Dichloropropene	< 21	< 0.42	< 0.42	< 0.42	< 0.42	< 3.2	< 16
cis-1,3-Dichloropropene	< 10.5	< 0.21	< 0.21	< 0.21	< 0.21	< 2.6	< 13
Di-isopropyl ether/ppb	< 13	< 0.26	< 0.26	< 0.26	< 0.26	< 2.1	< 10.5
EDB (1,2-Dibromoethane)/ppb	< 17	< 0.34	< 0.34	< 0.34	< 0.34	< 3.4	< 17
Ethylbenzene/ppb	610	< 0.2	< 0.2	< 0.2	< 0.2	810	400
Hexachlorobutadiene/ppb	< 73.5	< 1.47	< 1.47	< 1.47	< 1.47	< 13.4	< 67
Isopropylbenzene/ppb	47	< 0.29	< 0.29	< 0.29	< 0.29	49	< 39
p-Isopropyltoluene/ppb	< 14	< 0.28	< 0.28	< 0.28	< 0.28	6.5 "J"	< 12
Methylene chloride/ppb	< 47	< 0.94	< 0.94	< 0.94	< 0.94	< 13.2	< 66
Methyl tert-butyl ether (MTBE)/ppb	< 41	< 0.82	< 0.82	< 0.82	5.1	< 2.8	< 14
Naphthalene/ppb	146 "J"	< 2.17	< 2.17	< 2.17	< 2.17	158	< 105
n-Propylbenzene/ppb	51	< 0.19	< 0.19	< 0.19	< 0.19	50	50 "J"
1,1,2,2-Tetrachloroethane/ppb	< 34.5	< 0.69	< 0.69	< 0.69	< 0.69	< 3	< 15
1,1,1,2-Tetrachloroethane/ppb	< 23.5	< 0.47	< 0.47	< 0.47	< 0.47	< 3.5	< 17.5
Tetrachloroethene (PCE)/ppb	< 24	< 0.48	< 0.48	< 0.48	< 0.48	< 3.8	< 19
Toluene/ppb	6400	< 0.67	< 0.67	< 0.67	< 0.67	6500	1000
1,2,4-Trichlorobenzene/ppb	< 64.5	< 1.29	< 1.29	< 1.29	< 1.29	< 11.5	< 57.5
1,2,3-Trichlorobenzene/ppb	< 41.5	< 0.83	< 0.83	< 0.83	< 0.83	< 17.1	< 85.5
1,1,1-Trichloroethane/ppb	< 17.5	< 0.35	< 0.35	< 0.35	< 0.35	< 3.3	< 16.5
1,1,2-Trichloroethane/ppb	< 32.5	< 0.65	< 0.65	< 0.65	< 0.65	< 4.2	< 21
Trichloroethene (TCE)/ppb	< 22.5	< 0.45	< 0.45	< 0.45	< 0.45	< 3	< 15
Trichlorofluoromethane/ppb	< 32	< 0.64	< 0.64	< 0.64	< 0.64	< 3.5	< 17.5
1,2,4-Trimethylbenzene/ppb	360	< 1.14	< 1.14	< 1.14	< 1.14	360	340
1,3,5-Trimethylbenzene/ppb	110 "J"	< 0.91	< 0.91	< 0.91	< 0.91	104	96 "J"
Vinyl Chloride/ppb	< 9.5	< 0.19	< 0.19	< 0.19	< 0.19	< 2	< 10
m&p-Xylene/ppb	1760	< 1.56	< 1.56	< 1.56	< 1.56	2020	1840
o-Xylene/ppb	900	< 0.39	< 0.39	< 0.39	< 0.39	1120	480

ENFORCE MENT STANDARD = ES – Bold	PREVENTIVE ACTION LIMIT = PAL - Italics
15	<i>1.5</i>
5	<i>0.5</i>
==	==
0.6	<i>0.06</i>
4.4	<i>0.44</i>
==	==
5	<i>0.5</i>
==	==
400	<i>80</i>
6	<i>0.6</i>
30	<i>3</i>
==	==
0.2	<i>0.02</i>
60	<i>6</i>
75	<i>15</i>
600	<i>120</i>
600	<i>60</i>
1000	<i>200</i>
5	<i>0.5</i>
850	<i>85</i>
7	<i>0.7</i>
70	<i>7</i>
100	<i>20</i>
5	<i>0.5</i>
==	==
0.05	<i>0.005</i>
700	<i>140</i>
==	==
==	==
5	<i>0.5</i>
60	<i>12</i>
100	<i>10</i>
==	==
0.2	<i>0.02</i>
70	<i>7</i>
5	<i>0.5</i>
800	<i>160</i>
70	<i>14</i>
==	==
200	<i>40</i>
5	<i>0.5</i>
5	<i>0.5</i>
==	==
Total TMB's 480	<i>Total TMB's 96</i>
0.2	<i>0.02</i>
Total Xylenes 2000	<i>Total Xylenes 400</i>

NS = not sampled, NM = Not Measured
Q = Analyte detected above laboratory method detection limit but below practical quantitation limit.
= = No Exceedences
(ppb) = parts per billion
(ppm) = parts per million
"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

A.1 Groundwater Analytical Table
(PAH)
Auto Repair on Viet BRRTS #03-41-286924

Well MW-1

Date	Acenaphthylene (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)	Dibenz(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)
05/10/17	<0.16	<0.19	<0.19	<0.17	<0.2	<0.18	<0.25	<0.16	<0.2	<0.25	<0.17	<0.21	<0.23	4.90	9.50	46	<0.25	<0.2
10/8/2018																		
MW-1 ABANDONED/REMOVED DURING EXCAVATION PROJECT																		
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
nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-2

Date	Acenaphthylene (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)	Dibenz(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)
05/10/17	<0.016	<0.019	<0.019	<0.017	<0.02	<0.018	<0.025	<0.016	<0.02	<0.025	<0.017	<0.021	<0.023	<0.024	<0.024	<0.025	<0.025	<0.02
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
nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-3

Date	Acenaphthylene (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)	Dibenz(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)
05/10/17																		
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
nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table
(PAH)
Auto Repair on Viet BRRTS #03-41-286924

Well MW-4

Date	Acenaphthylene (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)	Dibenz(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)
05/10/17																		
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
nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-5

Date	Acenaphthylene (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)	Dibenz(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)
05/10/17																		
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
nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

**A.1 Groundwater Analytical Table
(Geoprobe)
Auto Repair on Vliet BRRTS #03-41-286924**

Sample ID	Date	Lead (ppb)	DRO (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
B1	08/17/01	NS	NS	LOD = Below Detected	Between the Laboratory	Detection Limit and	Quantitation Limit			
B3	08/17/01	NS	NS	4.7	NS	NS	NS	21	NS	NS
G-4-W	02/06/17	NS	NS	7600	3400	<86	470	20500	1860	14100
G-5-W	02/06/17	NS	NS	1.05	1.36	<0.43	1.99	4.7	2.25	6.04
G-6-W	02/06/17	NS	NS	7300	2330	<21.5	390	11300	3250	9570
G-7-W	02/06/17	NS	NS	2430	1140	<21.5	233	4500	1041	4270
G-8-W	02/06/17	NS	NS	5800	910	<21.5	253	7500	1068	4260
G-9-W	02/06/17	NS	NS	1790	890	<21.5	246	3500	957	3600
G-10-W	02/06/17	NS	NS	1.75	2.76	<0.43	<1.7	4.4	7.41	14.4
G-11-W	02/06/17	NS	NS	1.85	0.61	<0.43	<1.7	4.0	1.35-1.93	2.71
G-12-W	02/06/17	NS	NS	<1.35	<2.8	<2.15	<8.5	<1.65	<5.7	<8.55
G-13-W	02/06/17	NS	NS	4.1	19.6	<0.43	<1.7	18.3	8.36	39.6
G-14-W	02/07/17	NS	NS	0.88	<0.56	<0.43	<1.7	0.94	<1.14	<1.71
G-15-W	02/07/17	NS	NS	5.7	3.8	<2.15	<8.5	14.9	20.8	13.9
G-16-W	02/07/17	NS	NS	<1.35	<2.8	<2.15	<8.5	<1.65	<5.7	<8.55
G-17-W	02/07/17	NS	NS	3050	3800	<21.5	610	17900	3170	15800
ENFORCEMENT STANDARD ES = Bold		15	-	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics		1.5	-	0.5	140	12	10	160	96	400

NS = Not Sampled
 (ppb) = parts per billion
 DRO = Diesel Range Organics
 GRO = Gasoline Range Organics
 (ppm) = parts per million