

**Appendix E**  
**WELL DEVELOPMENT AND**  
**GROUNDWATER SAMPLING EVENT FIELD RECORDS**



Location \_\_\_\_\_ Date \_\_\_\_\_

Project / Client \_\_\_\_\_

- 1415 Start pumping MW-25, most recovered 113 gal. Starting flow meter # 198225 end 199138
- 1436 Pumping at rate of 5.5 gpm Start pumping @ MW-23 Flow meter start @ 0 pumping @ 8104 gpm Need the pump. 1276 gal
- 1440 Drawdown @ MW-25 is to 13.23 ft Drawdown @ MW-23 to 13.30 ft.
- 1600 MW-25 DTW: 13.30  
MW-23 DTW: 13.27
- 1704 Stop recovery + pumping from MW-25. Flow meter @ 199140.
- 1716 Stopped pumping @ MW-23 Recovered total of 1276.23 gal. Began packing up. Geologic packing up.
- 1740 Leave site.

Location: FANSI Date 5/31/13 27Project / Client Well development

- 0735 W. Arnyhan onsite from Sander, J. Menzel & J. from geologic onsite
- 0755 Alliance security unboxed door 40
- 0805 Set up holding tank near earth worked door of universal equipment. Harry off universal equipment very irate/fussy with entire drilling project. Decide to move holding tank out of universal equip way. Take door 40. Geology set up @ wells. MW-20 MW-22
- 0835 Initial DTW for MW-22 10.65 DTW: 23.20 Begin pumping MW-22

Location \_\_\_\_\_ Date 5/31

Project / Client \_\_\_\_\_ PZ

Initial flow meter flow

#: 199141

Ambient PID readings

0.3

PID after Begin pumping

0.3

Flow rate: 7.1 gpm.

Must pump 1291 gal. recover.

Flow meter reading: 200432.

5850 Begin pumping MW-20.

Initial DTW: 10.81

Ambient PID: 0.3

Flow meter: 0

Must pump 1158 gal.

Flow rate of 6.4 gpm

PID after pumping: 0.30 pm

0855 Drawdown on must 22 to

13.04 ft.

Drawdown on MW-20 to

12.67 ft.

0910 MW-23: DTW: 10.77

MW-25: DTW: 10.93

MW-21: DTW: 10.80

Location \_\_\_\_\_ Date 5/31

Project / Client \_\_\_\_\_ P3

0947 MW-20: 12.70

MW-22: 13.00

1015 T. wells from strike onsite,

MW-22 flow at 11:22 = 7 gpm

MW-20 checked flow rate @ 11:26 = 6.2 gpm

MW-22 WL after gallons

at 11:35 = 13.3' BTOW (4" CR)

MW-20 WL at 11:36 = 12.7 BTIR

" BTOPVC

MW-20 Water clear, no apparent  
turbidity, no odor

MW-22 very slightly turbid (no color),

very slight sulfury odor = cloudy

Boch checked at 11:43

Stopped pumping at MW-20 @ 11:45

" " " MW-22 @ 11:47

Set up at MW-21, WL = 10.65 BTOPVC

Began pumping at 11:59

Pumping rate = 8.5 gpm

Rechecked " @ 12:00 = 8 1/3 gpm

WL @ 12:11 = 12.65 BTOPVC

Pumping rate @ 12:16 = 8.7 gpm

Periodic PID @ B kad (0.2 ppm)

Location FAHSF site Date 5/31 cont.

Project / Client P 4

MW-2P development continued

Checked holding tank.

Initial water turbid (light brown)

PID = ND in tank,

Sampled at 12:25 (after ~210 gallons)

sample was slightly turbid (light gray, slightly cloudy)

Sampled again @ 12:39 - less cloudy (very slightly turbid)

PID in tank = 0.0 ppm

Pumping rate at 12:40 = 8.26 gpm

WL @ 12:42 = 12.50 FT OPVC

Checked holding tank @ 12:58

PID = 0.1 ppm

Water sample from here is

barely turbid.

610 total gallons @ 114 pm

$\frac{8.1}{75/610} = 8.1 \text{ gpm average}$

Flow meter says

$\frac{400}{10} = 8.26 \text{ gpm @ 116}$

Checked end of hose / tank

at 13:20 (1:20 pm)

Water still very slightly turbid

Location \_\_\_\_\_ Date 5/31

Project / Client P 5

Checked turbidity again after 750 gal (+), still ~~very~~ turbid  
Saw at 13:40 after 825 gal.

Stopped pumping @ MW-2 @ 13:44  
to the volume pumped = 865 gallons

1400 Begin pump MW-30 200432  
starting flow meter ~~200442~~ WA  
need to recover 1243 gal  
End flow meter: 201685  
Flow rate: 10.2 gpm

PID reading 0.0 ppm

Initial water level: 17.64 ft

Water level down: 17.8 ft

1435 Empty holding tank load of  
recovered water & stop  
pumping.

1447 Resume pumping

1530 Stop pump to empty holding  
tank.

1544 Resume pumping

1554 checked turbidity - water is  
barely turbid - No color

Location \_\_\_\_\_ Date 5/31

Project / Client \_\_\_\_\_ p.b

1645 Finish recovery water @  
mw-30. Final Flow  
meter reading 201675 gal.  
Water barely turbid.

1730 Leave site.

5/31/13

Wilkinson

Location Frost Date 6/3/13Project / Client well development

- 0730 W. Armstrong from Statec  
onsite, John W. Ks  
from Geologic onsite.  
Begin setup at mw-29  
& ~~mw-30~~ but mw-28
- 0850 Start recovery from  
mw-29. Initial depth to  
water 12.00 ft  
DTB 27.80 ft  
PID reading: 0.0 ppm  
flow rate: 8.50 gpm  
Must recover 3563 gallons  
flow meter started @ 0 gal
- 0900 Start Recovery from mw-28  
Must recover 1243 gallons.  
DTB: 21.30 DTW: 7.80  
Initial flow meter reading:  
201675  
Must go to 202918.  
flow rate: 5.5 gpm  
PID reading 0.0 ppm

- 0905 Water from MW-29 very turbid.
- 0917 Water from MW-29 is clear. Water from MW-28 is turbid.
- 0925 PID reading inside top of holding tank: 0.2 ppm
- 0954 Drawdown of MW-29: 12.00 ft  
Drawdown of MW-28: 12.50 ft
- 1010 Water from MW-29 is clear. Water from MW-28 is much less turbid.
- 1030 Drawdown depths same. Water from both wells have little to no turbidity.
- 1147 Drawdown @ MW-29: 12.10  
Drawdown @ MW-28: 12.50  
PID: 0.0 ppm  
Turbidity: MW-28: Clear  
MW-29: Clear
- 1321 Turbidity is none at both wells.  
Flow rate MW-28: 5.0 gpm  
Flow rate MW-29: 8.6 gpm

- PID: 0.0 ppm
- 1336 Finished recovery @ MW-28. Final flow meter reading 202918. Final turbidity: clear  
PID reading inside tank: 0.1
- 1400 Finished recovery water @ MW-29.  
Recovered 2564 gal.  
Final turbidity: clear.  
PID reading inside tank: 0.1
- 1500 Begin recovery after setup @ MW-26.  
Must recover 1291 gal.  
Flow meter begin @ 0  
Initial DTW: 9.70 DTB: 24.0  
Initial PID reading: 8.0  
Flow rate: 5.6 gpm
- 1525 Setup and begin recovery @ MW-27.  
Must recover 1073 gal  
Initial flow meter reading: 202918  
Must get to 203991

6/3

p. 4

1540 Initial pump rate: 5.5 gal  
Switched check valves to  
hopefully improve performance.

1550 MW 26 flow rate: 5.6 gpm  
MW 27 flow rate: 6.0 gpm  
Initial PID @ MW 27: 0.2  
Initial depth @ MW 27: 10.20  
to water

1555 Drawdown @ MW 27: 15.30  
with Drawdown @ MW 26: 14.80

1605 Turbidity from MW-26: clear  
1622 Turbidity from MW-27: clear  
1640 J. Wicks goes offsite to  
return a rental pump.

1718 Drawdown of Both wells  
Same.  
Both wells are slightly turbid  
PID reading: 0.2 @ MW 27  
PID reading: 0.0 @ MW 26

6/3

p. 5

1741 Start developing MW-24  
Standing water in curb  
box above J-pipe.

1750 No measurable amount  
of water in well,  
Stopped baling.

1809 Stopped recovery from  
MW-27 because of  
no turbidity.  
Final flow meter  
reading: 203669  
Recovered 751 gallons.  
PID reading: 0.8 ppm.

1815 MW-26 Slightly cloudy  
Drawdown is: 14.90 ft.

1901 Drawdown on MW-26  
: 14.85 ft.  
Flow rate 5.18 gpm.

1908 Stopped pump from  
MW-24. Final recovery:  
1292 gal.  
Water is slightly cloudy,  
PID reading: 0.0  
both clear in





61 Commercial Street  
 Rochester, NY 14614  
 (585) 475-1440

Stantec

Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: AMSF-MW-15

Initial Depth to Water: 10.35 ft TOIC

Date: 6/20/13

Total Well Depth: 25.02 ft TOIC

Purge Start Time: 1400

Depth to Pump: 222 ft TOIC

Purge End Time: 1545

Initial Pump Rate: 150 mL/min

Pump Type: peristaltic

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 2.3 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1403	0.0	6.96	-1.0	2.12	17.5	0.24	3956	10.32
1408	0.2	6.93	17.9	2.12	16.4	0.20	920	10.32
1413	0.5	6.93	7.1	2.11	16.1	0.14	1206	10.32
1418	0.8	6.90	-18.8	2.14	16.3	0.15	1806	10.32
<del>1422</del>		7.0	(80)					
1428	1.3	6.92	-31.5	2.13	16.1	0.13	3802	10.26
1432	1.5	6.95	6.4	2.14	16.3	0.17	626	10.25
1438	1.8	6.92	-35.3	2.13	15.9	0.10	2972	10.27
1442	2.0	6.95	10.5	2.16	16.2	0.12	204	10.27
1448	2.2	6.93	-30.9	2.13	16.0	0.08	1200	10.27
1452	2.3	6.92	-36.3	2.13	16.1	0.07	1785	10.27
1458	2.7	6.92	-37.6	2.13	16.0	0.06	1581	10.27
1502	2.9	6.93	-38.5	2.13	15.7	0.07	1327	10.27
1508	3.1	6.92	-39.4	2.12	16.0	0.06	997	10.27
1512	3.3	6.92	-40.6	2.13	16.1	0.06	723	10.27
Final Sample Data:								

Sample ID(s): AMSF-MW-15-W-06202013

Sample Time: 1540

Analyses:

- TCL VOCs + TICs
- TCL SVOCs + TICs
- PCBs
- TCL Pesticides
- TAL Metals
- PPL Metals + Al
- Select Metals Cr, Cu, Pb, Ni & Zn

- |                          |                          |
|--------------------------|--------------------------|
| Dup?                     | MS/MSD?                  |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
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| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |

Sampler(s): R. Prino / w Armstrong

Comments: @ 1403 - Turb. @

@ 1442 clear @ 1448 - Turb. @



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Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: AMSF-MW-15

Initial Depth to Water: 10.35 ft TOIC

Date: 6/20/2013

Total Well Depth: 25.02 ft TOIC

Purge Start Time: 1400

Depth to Pump: 22 ft TOIC

Purge End Time: 1545

Initial Pump Rate: 150 mL/min

Pump Type: Perstak C

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 2.3 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1518	3.5	6.91	-41.2	2.12	16.1	0.06	13.0	10.27
1523	3.7	6.93	-41.9	2.12	15.9	0.06	97.9	10.27
1528	4.0	6.91	-43.2	2.12	16.1	0.05	76.1	10.27
1533	4.2	6.92	-43.8	2.12	15.8	0.05	56.0	10.27
1538	4.3	6.90	-44.7	2.12	16.0	0.05	40.8	10.27
Final Sample Data:		6.90	-44.7	2.12	16.0	0.05	40.8	10.27

Sample ID(s): AMSF-MW-15-W-06202013

Sample Time: 1540

- Analyses:
- TCL VOCs + TICs
  - TCL SVOCs + TICs
  - PCBs
  - TCL Pesticides
  - TAL Metals
  - PPL Metals + Al
  - Select Metals Cr, Cu, Pb, Ni & Zn
- Dup?
- MS/MSD?

Sampler(s): \_\_\_\_\_

Comments: @ 1518 - Cloudy -  
Less turbid than before



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Stantec

Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: AMSF-MW-4

Initial Depth to Water: 7.63 ft TOIC

Date: 6/18/2013

Total Well Depth: 24.8 ft TOIC

Purge Start Time: 1513

Depth to Pump: 22.0 ft TOIC

Purge End Time: 1610

Initial Pump Rate: 100 mL/min

Pump Type: Geopump

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 2.75 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1514	0.0	6.78	87.5	5.71	16.8	1.01	5.44	7.62
1519	0.2	6.74	89.2	5.66	16.1	0.23	12.4	7.70
1524	0.5	6.74	85.1	5.66	16.0	0.14	4.51	7.70
1529	0.7	6.73	82.4	5.65	15.9	0.12	19.7	7.70
1534	1.0	6.74	78.4	5.66	15.9	0.11	9.44	7.72
1539	1.2	6.73	77.3	5.73	15.9	0.09	9.48	7.71
1544	1.5	6.77	74.0	5.79	16.0	0.09	4.06	7.74
1549	1.8	6.76	71.3	5.82	15.9	0.10	3.90	7.74
1554	2.1	6.74	69.8	5.84	16.0	0.09	3.21	7.74
1559	2.4	6.73	67.8	5.88	16.0	0.09	4.51	7.73
Final Sample Data:		6.73	67.8	5.88	16.0	0.09	4.51	7.73

Sample ID(s): AMSF-MW-4-W-06182013

Sample Time: 1605

Analyses:

- TCL VOCs + TICs
- TCL SVOCs + TICs
- PCBs
- TCL Pesticides
- TAL Metals
- PPL Metals + Al
- Select Metals Cr, Cu, Pb, Ni & Zn

Dup?  MS/MSD?

Sampler(s): K. Prone

Comments: @ 1514 - clarity w/

particles @ 1529 clear w/

particles



Stantec

61 Commercial Street  
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(585) 475-1440

Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: AMSF-MW-95

Initial Depth to Water: 8.72 ft TOIC

Date: 6/18/2013

Total Well Depth: 25.05 ft TOIC

Purge Start Time: 1310

Depth to Pump: ~22 ft TOIC

Purge End Time: 1450

Initial Pump Rate: 100 mL/min

Pump Type: Geopump

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 2.6 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
13:12	0.0	7.00	171.1	4.38	16.6	1.61	12.9	8.73
13:17	0.3	6.97	164	4.45	16.0	0.20	8.17	8.73
13:22	0.5	7.00	152.0	4.42	15.9	0.15	3.87	8.73
13:27	0.7	7.00	145.5	4.35	16.0	0.13	2.46	8.73
13:32	1.0	6.92	142.1	3.87	16.0	0.12	1.25	8.73
13:37	1.2	6.93	141.6	3.80	16.0	0.11	0.92	8.73
13:42	1.5	6.88	142.3	3.82	16.0	0.22	1.47	8.73
13:47	1.7	6.91	140.4	3.89	16.1	0.13	1.23	8.73
13:52	2.0	6.92	138.2	3.92	16.1	0.10	1.54	8.73
13:57	2.2	6.93	136.5	3.94	16.3	0.09	0.96	8.73
14:02	2.5	6.93	134.3	3.96	16.4	0.09	1.30	8.73
Final Sample Data:		6.93	134.3	3.96	16.4	0.09	1.30	8.73

Sample ID(s): AMSF-MW-95-W-06182013

Sample Time: 1415

Analyses:

- TCL VOCs + TICs
- TCL SVOCs + TICs } 3 Ambers
- PCBs
- TCL Pesticides
- TAL Metals
- PPL Metals + Ar
- Select Metals Cr, Cu, Pb, Ni & Zn

- Dup?
- MS/MSD?
- 
- 
- 
- 
- 

Sampler(s): K. Pruno/W. Armstrong

Comments: @ 1312 - clear

-some iron(?) precipitate



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Stantec

Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: AMSF-UW-10

Initial Depth to Water: 5.40 ft TOIC

Date: 6/20/2013

Total Well Depth: 22.6 ft TOIC

Purge Start Time: 1050

Depth to Pump: 220 ft TOIC

Purge End Time: 09/1130

Initial Pump Rate: 150 mL/min

Pump Type: Peristaltic

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 27 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1052	0.0	6.85	212	6.47	15.1	0.47	38.7	5.40
1057	0.2	6.80	169.7	7.07	14.7	0.62	18	5.38
1102	<del>0.5</del> 0.5	6.77	170.8	7.05	14.8	0.61	11.26	5.38
1107	0.7	6.81	172.7	7.02	14.8	0.61	11.6	5.38
1112	1.0	6.80	165.5	6.91	14.7	0.59	14.5	5.38
1117	1.2	6.82	160.7	6.83	14.6	0.60	8.75	5.38
1122	1.5	6.81	158.7	6.82	15.0	0.60	8.88	5.38
Final Sample Data:		6.81	158.7	6.82	15.0	0.60	8.88	5.38

Sample ID(s): AMSF-UW-10-U-06202013

Sample Time: 1130

Analyses:

- TCL VOCs + TICs
- TCL SVOCs + TICs
- PCBs
- TCL Pesticides
- TAL Metals
- PPL Metals + Al
- Select Metals Cr, Cu, Pb, Ni & Zn

- |                          |                          |
|--------------------------|--------------------------|
| Dup?                     | MS/MSD?                  |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
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| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |

Sampler(s): Kiffin / W. Amersyter

Comments: \_\_\_\_\_



61 Commercial Street  
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Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: AMSF-MW-20

Initial Depth to Water: 10.03 ft TOIC

Date: 6/14/2013

Total Well Depth: 24.2 ft TOIC

Purge Start Time: 0955

Depth to Pump: 222 ft TOIC

Purge End Time: 1030

Initial Pump Rate: 110 mL/min

Pump Type: Geopond

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 2.3 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
0958	0.0	7.64	224.7	3.80	16.8	1.05	16.9	10.06
1003	0.2	7.50	223.0	3.67	16.6	1.96	10.79	10.05
1008	0.5	7.44	221.9	3.62	16.6	1.95	7.68	10.05
1013	0.8	7.47	221.2	3.61	16.6	1.97	7.88	10.05
1018	1.0	7.51	221.2	3.60	16.7	2.08	5.65	10.05
Final Sample Data:		7.51	221.2	3.60	16.7	2.08	5.65	10.05

Sample ID(s): AMSF-MW-20-W-06192013

Sample Time: 1025

- Analyses:
- TCL VOCs + TICs
  - TCL SVOCs + TICs
  - PCBs
  - TCL Pesticides
  - TAL Metals
  - PPL Metals + Al
  - Select Metals Cr, Cu, Pb, Ni & Zn
- Dup?
- MS/MSD?

Sampler(s): K. Pardo / A. Fraser

Comments: 0958 - Clear



61 Commercial Street  
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Stantec

Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: AMSF-MW-21

Initial Depth to Water: 9.95 ft TOIC

Date: 6/19/13

Total Well Depth: 22.22 ft TOIC

Purge Start Time: 0847

Depth to Pump: 214 ft TOIC

Purge End Time: 0935

Initial Pump Rate: 100 mL/min

Pump Type: Peristaltic

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 2.0 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
0849	0.0	7.60	221.4	2.66	16.7	3.88	8.76	9.95
<del>0854</del>	0.1	8.03	214.5	2.61	16.6	4.62	10.4	9.93
0904	0.6	8.10	214.9	2.61	16.5	4.18	4.87	9.93
0909	1.0	8.11	215.3	2.61	16.6	4.14	2.71	9.93
0914	1.2	8.11	215.6	2.60	16.5	4.32	1.24	9.93
0919	1.5	8.12	216.0	2.60	16.6	4.70	0.61	9.93
0924	1.7	8.11	216.0	2.60	16.6	4.67	0.87	9.93
Final Sample Data:		8.11	216.0	2.60	16.6	4.67	8.87	9.93

Sample ID(s): AMSF-MW-21-W-06192013

Sample Time: 0930

Analyses:

- |   |                               |                                  |
|---|-------------------------------|----------------------------------|
| <input checked="" type="checkbox"/> TCL VOCs + TICs                   | <input type="checkbox"/> Dup? | <input type="checkbox"/> MS/MSD? |
| <input type="checkbox"/> TCL SVOCs + TICs                             | <input type="checkbox"/>      | <input type="checkbox"/>         |
| <input type="checkbox"/> PCBs   | <input type="checkbox"/>      | <input type="checkbox"/>         |
| <input type="checkbox"/> TCL Pesticides                               | <input type="checkbox"/>      | <input type="checkbox"/>         |
| <input type="checkbox"/> TAL Metals                                   | <input type="checkbox"/>      | <input type="checkbox"/>         |
| <input type="checkbox"/> PPL Metals + Al                              | <input type="checkbox"/>      | <input type="checkbox"/>         |
| <input checked="" type="checkbox"/> Select Metals Cr, Cu, Pb, Ni & Zn | <input type="checkbox"/>      | <input type="checkbox"/>         |

Sampler(s): K. Prindl / A. Hessler

Comments: 0949 - Clear



61 Commercial Street  
 Rochester, NY 14614  
 (585) 475-1440

Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: AMSF-MW-22

Initial Depth to Water: 9.97 ft TOIC

Date: 6/14/2013

Total Well Depth: 23.1 ft TOIC

Purge Start Time: 1055

Depth to Pump: ~18 ft TOIC

Purge End Time: 1140

Initial Pump Rate: 100 mL/min

Pump Type: Perstaltic

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 2.1 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1057	0.0	7.58	140	3.55	16.5	2.06	1.531	9.87
1102	0.1	7.20	144.7	3.53	16.4	3.01	4.30	9.88
1107	0.5	7.28	141.1	3.55	16.4	3.16	9.46	9.88
1112	0.7	7.27	144.6	3.55	16.4	3.02	4.48	9.85
1117	1.0	7.28	146.0	3.56	16.4	3.06	2.61	9.86
1122	1.2	7.27	147.3	3.56	16.4	3.00	1.47	9.86
Final Sample Data:		7.27	147.3	3.56	16.4	3.00	1.47	9.86

Sample ID(s): AMSF - MW-22-W-06192013

Sample Time: 1130

Analyses:

- TCL VOCs + TICs
- TCL SVOCs + TICs
- PCBs
- TCL Pesticides
- TAL Metals
- PPL Metals + Al
- Select Metals Cr, Cu, Pb, Ni & Zn

- |                          |                          |
|--------------------------|--------------------------|
| Dup?                     | MS/MSD?                  |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |

Sampler(s): K. Panno / A. Fruse

Comments: @1057 - Turb. &

@1102 - Slightly cloudy





Stantec

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Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: AMSF-MW-23

Initial Depth to Water: 9.90 ft TOIC

Date: 6/14/13

Total Well Depth: 24.50 TOIC 14.6

Purge Start Time: 12:30

Depth to Pump: ~22 ft TOIC

Purge End Time: 1:30

Initial Pump Rate: 100 mL/min

Pump Type: Peristaltic

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 2.3 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1234	0.0	7.30	216.8	3.46	18.0	1.79	24.1	9.94
1234	0.2	7.14	214.5	3.40	17.8	1.46	17.5	9.93
1244	0.5	7.17	207.1	3.36	17.8	1.11	4.77	9.92
1249	0.8	7.17	206.0	3.37	17.8	1.05	2.73	9.93
1254	1.0	7.17	206.4	3.36	17.9	0.97	1.25	9.92
1259	1.2	7.16	206.3	3.37	17.9	0.97	0.97	9.92
Final Sample Data:		7.16	206.3	3.37	17.9	0.97	0.97	9.92

Sample ID(s): AMSF-MW-23-W-06142013

Sample Time: 1:305

Analyses:

- TCL VOCs + TICs
- TCL SVOCs + TICs
- PCBs
- TCL Pesticides
- TAL Metals
- PPL Metals + Al
- Select Metals Cr, Cu, Pb, Ni & Zn

- |                          |                          |
|--------------------------|--------------------------|
| Dup?                     | MS/MSD?                  |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |

Sampler(s): K. P. Remo / A. Fese

Comments: 1234 - clear



61 Commercial Street  
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Stantec

Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: ANSE-MW-25

Initial Depth to Water: 9.97 ft TOIC

Date: 6/14/13

Total Well Depth: 25.27 ft TOIC

Purge Start Time: ~~1320~~ 1330

Depth to Pump: 2.18 ft TOIC

Purge End Time: 1510

Initial Pump Rate: 130 mL/min

Pump Type: Peristaltic

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 2.4 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1336	0.0	7.24	142.2	2.94	16.4	0.52	161	10.00
1341	0.2	7.24	177.0	2.93	15.8	0.13	1260	10.0
1346	0.5	7.26	101.3	2.88	15.8	0.11	1486	10.0
1351	0.7	7.26	90.2	2.86	15.8	0.10	1293	10.0
1356	1.1	7.25	83.4	2.85	15.8	0.09	1470	10.0
1401	1.4	7.22	81.2	2.86	15.7	0.08	1234	10.0
1406	1.6	7.23	80.3	2.88	15.7	0.09	857	10.0
1411	1.8	7.24	81.4	2.90	15.7	0.11	143	10.0
1416	2.0	7.22	83.8	2.93	15.7	0.13	121	10.0
1421	2.2	7.23	86.1	2.96	15.7	0.14	81.4	10.0
1426	2.5	7.23	85.4	2.96	15.7	0.10	46.7	10.0
1431	2.7	7.22	83.7	2.95	15.8	0.09	24.8	10.0
1436	3.0	7.22	83.6	2.95	15.7	0.09	20.0	10.0
Final Sample Data:		7.22	83.6	2.95	15.7	0.09	20.0	10.0

Sample ID(s): ANSE-MW-25-W-06192013

Sample Time: 1445

Analyses:

- TCL VOCs + TICs
- TCL SVOCs + TICs
- PCBs
- TCL Pesticides
- TAL Metals
- PPL Metals + Al
- Select Metals Cr, Cu, Pb, Ni & Zn

Dup?  MS/MSD?

Sampler(s): K. P. [Signature]

Comments: 1336 - Cloudy



61 Commercial Street  
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 (585) 475-1440

**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF Well ID: AMSF-MW-26  
 Initial Depth to Water: 9.87 ft TOIC Date: 6/20/2013  
 Total Well Depth: 24.7 ft TOIC Purge Start Time: 1155  
 Depth to Pump: 221 ft TOIC Purge End Time: 1240  
 Initial Pump Rate: 100 mL/min Pump Type: Persistent  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes Well Diameter: 2 inches  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes Well Volume: 2.4 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1157	0	7.10	187.0	4.15	15.8	0.66	67.2	9.87
1202	0.1	7.05	169.5	4.09	15.3	0.16	73.7	9.87
1207	0.6	7.04	162.1	4.09	15.3	0.13	22.1	9.87
1212	0.8	7.07	188.5	4.09	15.2	0.12	9.12	9.87
1217	1.0	7.05	186.7	4.08	15.2	0.11	4.18	9.87
1222	1.3	7.05	155.4	4.08	15.2	0.12	3.11	9.87
Final Sample Data:		7.05	155.4	4.08	15.2	0.12	3.11	9.87

Sample ID(s): AMSF-MW-26-W-06202013  
 Sample Time: 1230

Analyses:  TCL VOCs + TICs  Dup?  MS/MSD?  
 TCL SVOCs + TICs    
 PCBs    
 TCL Pesticides    
 TAL Metals    
 PPL Metals + Al    
 Select Metals Cr, Cu, Pb, Ni & Zn

Sampler(s): Kiprino / W. Armstrong  
 Comments: \_\_\_\_\_



61 Commercial Street  
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Stantec

Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: AMSF-MW27

Initial Depth to Water: 9.46 ft TOIC

Date: 6/18/13

Total Well Depth: 25.25 ft TOIC

Purge Start Time: 0826

Depth to Pump: 22.3 ft TOIC

Purge End Time: 0930

Initial Pump Rate: 50 mL/min

Pump Type: Geopump

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 2.5 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
0828	0	7.28	11.0	3.39	16.3	0.65	242AU	9.47
0833	0.1	7.27	-10.5	3.28	15.7	0.28	80	9.48
0838	0.3	7.25	24.0	3.25	15.7	0.44	124	9.46
0843	0.5	7.26	59.2	3.25	15.6	0.73	64.3	9.47
0848	0.7	7.26	68.3	3.24	15.6	0.89	42.8	9.47
0853	0.9	7.25	74.2	3.24	15.5	0.86	25.3	9.48
0858	1.0	7.26	76.9	3.24	15.5	0.20	7.46	9.48
0903	1.2	7.26	77.9	3.24	15.5	0.16	6.15	9.48
0908	1.5	7.27	79.9	3.24	15.5	0.16	4.63	9.48
0913	1.7	7.27	84.0	3.24	15.5	0.15	3.92	9.48
Final Sample Data:		7.27	84.0	3.24	15.5	0.15	3.92	9.48

Sample ID(s): AMSF-MW-27-W-06182013

Sample Time: 0920

Analyses:

- TCL VOCs + TICs
- TCL SVOCs + TICs X 2 LAM bars
- PCBs
- TCL Pesticides
- TAL Metals
- PPL Metals + Al
- Select Metals Cr, Cu, Pb, Ni & Zn

Dup?  MS/MSD?

Sampler(s): K. Prino W. Aniksten

Comments: @0828 cloudy/NOOder  
@0843 - clear/NOOder

KP



Stantec

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### Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: AMSF-MW-28

Initial Depth to Water: 8.32 ft TOIC

Date: 6/21/2013

Total Well Depth: 21.18 ft TOIC

Purge Start Time: 0808

Depth to Pump: 2.18 ft TOIC

Purge End Time: 0940

Initial Pump Rate: 1.90 mL/min

Pump Type: Peristaltic

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 2.1 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
0810	0.0	7.14	221.9	1.37	14	3.4	0.00	8.33
0815	0.1	6.44	217.4	1.39	13.3	2.71	4.76	8.32
0820	0.3	7.00	214.4	1.39	13.4	2.62	5.63	8.32
0825	0.5	7.01	212.6	1.39	13.4	2.53	5.18	8.32
0830	0.7	7.01	211.4	1.39	13.4	2.40	5.37	8.32
0835	1.0	7.01	210.5	1.39	13.5	2.45	5.18	8.32
Final Sample Data:		7.01	210.5	1.39	13.5	2.45	5.18	8.32

Sample ID(s): AMSF-MW-28-U-0621-2013 (MS/MSD)

Sample Time: 0845

**Analyses:**

- TCL VOCs + TICs
- TCL SVOCs + TICs
- PCBs
- TCL Pesticides
- TAL Metals
- PPL Metals + Al
- Select Metals Cr, Cu, Pb, Ni & Zn

- |             |                          |                |                                     |
|-------------|--------------------------|----------------|-------------------------------------|
| <b>Dup?</b> | <input type="checkbox"/> | <b>MS/MSD?</b> | <input checked="" type="checkbox"/> |
|             | <input type="checkbox"/> |                | <input checked="" type="checkbox"/> |
|             | <input type="checkbox"/> |                | <input checked="" type="checkbox"/> |
|             | <input type="checkbox"/> |                | <input checked="" type="checkbox"/> |
|             | <input type="checkbox"/> |                | <input checked="" type="checkbox"/> |
|             | <input type="checkbox"/> |                | <input type="checkbox"/>            |
|             | <input type="checkbox"/> |                | <input type="checkbox"/>            |

Sampler(s): Kilmor

Comments: 0815 - clear, no odor



61 Commercial Street  
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 (585) 475-1440

Monitoring Well Purging and Sampling Record

Site Name: Former AMSF  
 Initial Depth to Water: 9.32 ft TOIC  
 Total Well Depth: 27.30 ft TOIC  
 Depth to Pump: 25 ft TOIC  
 Initial Pump Rate: 100 mL/min  
 adjusted to: 106P mL/min at \_\_\_\_\_ minutes  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes <sup>3%</sup>

Well ID: AMSFMW31  
 Date: 6/18/2013  
 Purge Start Time: 1043  
 Purge End Time: 1145  
 Pump Type: Geopump  
 Well Diameter: 2 inches  
 Well Volume: 28 gallons <sup>18%</sup>

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1045	0.0	7.27	23.7	3.33	16.2	0.66	830	9.32
1050	0.2	7.22	14.8	3.38	16.0	0.19	11.31	9.35
1055	0.5	7.21	10.8	3.49	16.0	0.18	9.09	9.35
1100	0.7	7.20	9.4	3.55	16.0	0.24	7.72	9.36
1105	1.0	7.21	8.4	3.63	16.0	0.29	5.41	9.37
1110	1.2	7.21	7.8	3.67	16.0	0.15	4.61	9.37
1115	1.4	7.20	8.0	3.70	16.0	0.12	3.10	9.37
1120	1.7	7.20	9.7	3.72	16.0	0.43	3.45	9.37
1125	2.0	7.21	7.6	3.72	16.0	0.12	2.44	9.37
1130	2.1	7.21	5.9	3.72	16.0	0.11	2.6	9.37
1135	2.3	7.21	5.6	3.75	16.0	0.11	2.21	9.37
Final Sample Data:		7.21	5.6	3.75	16.0	0.11	2.21	9.37

Sample ID(s): AMSF-MW-31-W-06182013  
 Sample Time: 1140

- Analyses:
- TCL VOCs + TICs
  - TCL SVOCs + TICs
  - PCBs
  - TCL Pesticides
  - TAL Metals
  - PPL Metals + Al
  - Select Metals Cr, Cu, Pb, Ni & Zn
- Dup?
- MS/MSD?

Sampler(s): K. Pruno W. Armstrong  
 Comments: @ 1045 - clear



61 Commercial Street  
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Stantec

Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Initial Depth to Water: 5.49 ft TOIC

Total Well Depth: 17.42 ft TOIC

Depth to Pump: 2.15 ft TOIC

Initial Pump Rate: 180 mL/min

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well ID: AMSF-BMW-35

Date: 6/20/13

Purge Start Time: 09:33

Purge End Time: 10:35

Pump Type: Geopump

Well Diameter: 2 inches

Well Volume: 1.9 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
0835	0.0	6.91	247.2	4.42	15.5	6.25	826	5.47
0840	0.2	6.80	2410	4.43	15.2	6.96	11.47	5.48
0840	Paused Purge due to pH issues - checked cal (12/4)							
0846	0.5	6.80	246.8	4.51	15.6	6.02	528	5.48
0851	0.7	6.72	238.8	4.46	15.1	6.04	189	5.49
0856	1.0	6.72	236.5	4.45	15.1	6.10	12.1	5.49
0901	1.2	6.72	235.5	4.44	15.1	5.97	5.28	5.49
0906	1.5	6.72	234.8	4.39	15.2	5.84	3.24	5.49
0911	1.7	6.72	233.8	4.31	15.2	5.61	2.45	5.49
0916	2.0	6.73	233.1	4.26	15.4	5.38	2.45	5.49
0921	2.2	6.75	231.2	4.16	15.2	5.24	1.52	5.49
0926	2.5	6.75	229.7	4.09	15.3	5.16	2.22	5.49
0931	2.8	6.75	227.4	3.97	15.1	4.82	1.71	5.51
0936	3.1	6.75	227.1	3.79	15.1	4.44	1.14	5.50
0941	3.2	6.76	226.6	3.71	15.4	4.40	1.70	5.50
Final Sample Data:		6.81	217.0	3.02	15.6	2.55	1.70	5.50

Sample ID(s): AMSF-MW-35-W-0620203

Sample Time: 1030

(AP) see Purge 2

Analyses:

- |  |                               |                                  |
|--|-------------------------------|----------------------------------|
| <input checked="" type="checkbox"/> TCL VOCs + TICs        | <input type="checkbox"/> Dup? | <input type="checkbox"/> MS/MSD? |
| <input type="checkbox"/> TCL SVOCs + TICs                  | <input type="checkbox"/>      | <input type="checkbox"/>         |
| <input type="checkbox"/> PCBs                              | <input type="checkbox"/>      | <input type="checkbox"/>         |
| <input type="checkbox"/> TCL Pesticides                    | <input type="checkbox"/>      | <input type="checkbox"/>         |
| <input type="checkbox"/> TAL Metals                        | <input type="checkbox"/>      | <input type="checkbox"/>         |
| <input type="checkbox"/> PPL Metals + Al                   | <input type="checkbox"/>      | <input type="checkbox"/>         |
| <input type="checkbox"/> Select Metals Cr, Cu, Pb, Ni & Zn | <input type="checkbox"/>      | <input type="checkbox"/>         |

Sampler(s): K. Bruno / W. Alms for

Comments: @ 0835 few particles/clear

@ 0926 - clear



61 Commercial Street  
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Stantec

Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: AMSF-MW-35

Initial Depth to Water: 5.49 ft TOIC

Date: 6/20/13

Total Well Depth: 17.42 ft TOIC

Purge Start Time: 0833

Depth to Pump: 215 ft TOIC

Purge End Time: 1035

Initial Pump Rate: 180 mL/min

Pump Type: Peristaltic

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 1.9 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
0946	3.5	6.77	229.7	3.63	15.5	3.94	1.72	5.50
0951	3.8	6.78	235.7	3.55	15.4	3.90	1.57	5.50
0956	4.0	6.79	223.8	3.46	15.5	3.81	1.63	5.50
1001	4.1	6.79	222.8	3.41	15.5	3.75	1.32	5.51
1006	4.5	6.79	221.5	3.28	15.4	3.51	1.88	5.50
1011	4.7	6.74	220.6	3.21	15.6	3.32	1.60	5.50
1016	5.0	6.80	218.0	3.10	15.6	3.11	1.44	5.50
1021	5.4	6.80	217.4	3.06	15.6	2.98	1.62	5.50
1026	5.6	6.81	217	3.02	15.6	2.95	1.86	5.51
Final Sample Data:		6.81	217.0	3.02	15.6	2.95	1.86	5.51

Sample ID(s): AMSF-MW-35-W-06202013

Sample Time: 1030

Analyses:

- TCL VOCs + TICs
- TCL SVOCs + TICs
- PCBs
- TCL Pesticides
- TAL Metals
- PPL Metals + Al
- Select Metals Cr, Cu, Pb, Ni & Zn

- |                          |                          |
|--------------------------|--------------------------|
| Dup?                     | MS/MSD?                  |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |

Sampler(s): K. Pardo / W. Armitage

Comments: \_\_\_\_\_





Stantec

61 Commercial Street  
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(585) 475-1440

Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: MW-15

Initial Depth to Water: 13.68 ft TOIC

Date: 9/26/13

Total Well Depth: 25.02 ft TOIC

Purge Start Time: 14:46

Depth to Pump: ~23 ft TOIC

Purge End Time: 15:31

Initial Pump Rate: 210 mL/min

Pump Type: peristaltic

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 1.81 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1446	—	7.49	<del>123.7</del>	2.66	17.7	1.91	77.4	13.70
1451	0.5	7.13	13.5	2.61	17.5	0.53	30.0	13.71
1456	0.6	7.12	23.7	2.61	17.5	0.44	11.88	13.72
1501	1.1	7.09	10.8	2.66	17.6	0.33	7.31	13.71
1506	1.4	7.09	3.1	2.72	17.5	0.29	6.55	13.71
1511	1.6	7.09	-0.9	2.73	17.6	0.25	4.22	13.71
1516	1.9	7.11	-4.7	2.74	17.6	0.22	4.75	13.70
1521	2.2	7.10	-6.6	2.76	17.5	0.23	3.14	13.70
1526	2.4	7.11	-8.4	2.76	17.5	0.22	3.39	13.70
1531	2.7	7.11	-10.8	2.77	17.6	0.21	5.84	13.70
Final Sample Data:		7.11	-10.8	2.77	17.6	0.21	5.84	13.70

Sample ID(s): AMSF-MW-15-W-092613

Sample Time: 1535

Analyses:

- TCL VOCs + TICs
- PPL Metals

Dup?  MS/MSD?

Sampler(s): LB + WA

Comments: suspended material, light

brown in color ; clear, no odor @ ~ 0.3 gal



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Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: MW-35

Initial Depth to Water: 8.71 ft TOIC

Date: 9/26/13

Total Well Depth: 17 1/2 ft TOIC

Purge Start Time: 12:05 (stop 1220) re-start 1328

Depth to Pump: ~15 ft TOIC

Purge End Time: 14:13

Initial Pump Rate: 200 mL/min

Pump Type: peristaltic

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 1.39 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1205	—	7.17	174.3	2.30	19.3	0.41	3.56	8.75
1210	0.4	6.92	169.4	2.06	18.7	0.33	1.90	8.75
1215	0.7	6.91	163.1	1.82	18.5	0.20	1.01	8.75
1220	0.9	unable to read interface display of MSI - stepped @ 1221		1.81		0.16		
1328	1.1	7.06	115.0	1.79	19.0	0.22	1.31	8.79
1333	1.4	7.06	112.9	1.62	18.9	0.13	1.52	8.79
1338	1.7	7.05	111.3	1.53	18.8	0.10	0.80	8.79
1343	2.0	7.04	110.6	1.44	18.8	0.08	0.74	8.76
1348	2.3	7.05	108.9	1.41	18.8	0.07	0.88	8.77
1353	2.7	7.05	107.1	1.38	18.9	0.07	0.69	8.77
1358	3.0	7.04	106.1	1.35	18.8	0.06	1.03	8.77
1403	3.2	7.07	104.2	1.39	19.4	0.09	0.82	8.77
1408	3.4	7.06	104.2	1.38	19.4	0.09	0.71	8.77
1413	3.5	7.04	104.7	1.38	19.4	0.08	0.60	8.77
Final Sample Data:		7.04	104.7	1.38	19.4	0.08	0.60	8.77

Sample ID(s): AMSF-MW-35-W-092613

Sample Time: 1415

Analyses:

- TCL VOCs + TICS
- PPL Metals

Dup?

- MS/MSD?
- 

Sampler(s): CB + KP + WA

Comments: clear, no odor



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### Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: MW-4

Initial Depth to Water: 11.32 ft TOIC

Date: 9/27/13

Total Well Depth: 24.80 ft TOIC

Purge Start Time: 0812

Depth to Pump: ~22 ft TOIC

Purge End Time: 0922

Initial Pump Rate: 210 mL/min

Pump Type: peristaltic pump

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: ~~13.46~~<sup>18</sup> 2.16 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
0812	—	6.75	238.2	4.48	16.1	1.38	20.6	11.43
0817	0.4	6.89	202.6	4.45	15.9	0.31	3.79	11.45
0822	0.7	6.91	180.1	4.45	16.1	0.43	3.30	11.49
0827	1.0	6.93	153.3	4.43	16.2	0.32	1.77	11.50
0832	1.2	6.93	132.3	4.42	16.3	0.26	1.82	11.50
0837	1.5	6.94	113.5	4.41	16.4	0.25	1.93	11.50
0842	1.8	6.95	96.0	4.40	16.4	0.22	1.13	11.50
0847	2.1	6.95	82.0	4.40	16.4	0.18	1.52	11.50
0852	2.3	6.96	74.6	4.39	16.5	0.16	0.80	11.50
0857	2.6	6.96	66.3	4.39	16.5	0.14	0.59	11.50
0902	2.8	6.96	59.0	4.38	16.5	0.13	0.60	11.50
0907	3.1	6.97	54.1	4.37	16.6	0.15	0.57	11.50
0912	3.4	6.97	49.5	4.37	16.6	0.10	0.44	11.50
0917	3.7	6.97	46.1	4.36	16.6	0.09	0.43	11.50
0922	4.0	6.97	43.0	4.35	16.6	0.10	0.41	11.50
Final Sample Data:		6.97	43.0	4.35	16.6	0.18	0.41	11.50

Sample ID(s): AMSF-MW-4-W-092713

Sample Time: 0925

Analyses:

- TCL VOCs + TICs
- PPL Metals + Al

Dup?

- MS/MSD?
- 

Sampler(s): WA & LB

Comments: clear, no odor



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Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: MW-7

Initial Depth to Water: 11.56 ft TOIC

Date: 9/26/13

Total Well Depth: 25.20 ft TOIC

Purge Start Time: 15:56

Depth to Pump: ~23 ft TOIC

Purge End Time: 16:21

Initial Pump Rate: 220 mL/min

Pump Type: peristaltic

adjusted to: 170 mL/min at 15 minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 13.64<sup>8</sup> <sup>2.18</sup> gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1556	-	7.45	64.3	2.22	16.7	1.58	101.4	11.61
16:01	0.5	7.20	67.6	2.20	16.7	1.26	112	11.61
16:06	0.8	7.18	68.3	2.19	17.3	1.16	38.5	11.61
16:11	1.0	7.16	69.2	2.14	17.3	1.40	9.16	11.61
16:16	1.3	7.16	69.2	2.15	17.4	1.29	1.47	11.61
16:21	1.5	7.15	70.1	2.17	17.2	1.33	1.24	11.61
Final Sample Data:		7.15	70.1	2.17	17.2	1.33	1.24	11.61

Sample ID(s): AMSF-MW-7-W-092613

Sample Time: 16:25

Analyses:

- TCL VOCs + TICs
- PPL Metals

- Dup?
- MS/MSD?

Sampler(s): WA & LB

Comments: clear, no odor

intermittent slugs of sediment (none after ~1 gal)



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Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: MW-95

Initial Depth to Water: 11.65<sup>LB</sup><sub>RLB</sub> ft TOIC

Date: 9/27/13

Total Well Depth: 25.05 ft TOIC

Purge Start Time: 0950

Depth to Pump: ~23 ft TOIC

Purge End Time: 1020

Initial Pump Rate: 190 mL/min

Pump Type: peristaltic

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 1.99 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
0950	—	7.38	103.4	3.42	16.8	0.90	9.37	12.63
0955	0.4	7.03	95.2	3.39	16.6	0.16	3.63	12.63
1000	0.6	6.98	95.7	3.31	16.7	0.14	4.74	12.63
1005	0.8	6.94	98.4	3.28	16.9	0.14	2.57	12.63
1010	1.1	6.94	99.8	3.27	17.0	0.12	2.20	12.63
1015	1.3	6.93	100.9	3.26	17.0	0.12	1.25	12.63
1020	1.5	6.93	102.0	3.27	17.1	0.11	0.92	12.63
Final Sample Data:		6.93	102.0	3.27	17.1	0.11	0.92	12.63

Sample ID(s): AMSF-MW-95-W-092713

Sample Time: 1025

Analyses:

- TCL VOCs + TICs
- PPL Metals

Dup?

MS/MSD?

Sampler(s): WA & LB

Comments: clear, no odor



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Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: MW-10

Initial Depth to Water: 7.81 ft TOIC

Date: 9/26/13

Total Well Depth: 24 ft TOIC <sup>22.16</sup>

Purge Start Time: 0741

Depth to Pump: 21.5 ft TOIC

Purge End Time: 0814

Initial Pump Rate: 160 mL/min

Pump Type: Peristaltic

adjusted to: 200 mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 2.30 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
0744	0.0	6.44	232.1	2.43	15.7	0.92	29.7	7.81
<del>0757</del> <sup>0749</sup>	0.4	6.46	223.9	2.43	16.3	0.44	27.0	7.81
0754	0.7	6.48	221.8	2.35	16.2	0.26	36.7	7.81
0754	0.4	6.48	220.0	2.30	16.4	0.22	22.4	7.81
0804	1.2	6.49	218.0	2.24	16.3	0.18	10.74	7.81
0809	1.5	7.00	216.3	2.20	16.2	0.17	5.45	7.81
0814	1.7	6.44	215.1	2.20	16.2	0.16	4.05	7.81
Final Sample Data:		6.99	215.1	2.20	16.2	0.16	4.05	7.81

Sample ID(s): AMSF-MW-10-W-092613

Sample Time: 0820

Analyses:

- TCL VOCs
- PPL Metals

Dup?  MS/MSD?

Sampler(s): K. Preno & L. Best

Comments: Clear, no odor



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*Dumont*

*(C)*

### Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: AMSF-MW-20

Initial Depth to Water: 13.7 ft TOIC

Date: 9/25/13

Total Well Depth: 24.21 ft TOIC

Purge Start Time: 10:06

Depth to Pump: 19 ft TOIC

Purge End Time: 10:26

Initial Pump Rate: 110 mL/min

Pump Type: peristaltic pump

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 1.68 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
10:06	—	8.04	116.5	1.39	18.2	4.03	2.65	13.70
10:11	0.2	7.83	118.1	1.38	18.0	3.52	1.50	13.72
10:16	0.4	7.77	119.7	1.37	18.0	3.47	1.29	13.70
10:21	0.5	7.76	121.1	1.36	18.0	3.46	0.73	13.70
10:26	0.7	7.75	122.7	1.36	18.0	3.68	0.62	13.71
Final Sample Data:		7.75	122.7	1.36	18.0	3.68	0.62	13.71

Sample ID(s): AMSF-MW-20-W-092513

Sample Time: 10:30

Analyses:

TCL VOCs + TICs

PPL Metals + Al

Dup?

MS/MSD?

Sampler(s): WA & LB

Comments: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



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*Drum #17*

### Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: MW-21

Initial Depth to Water: 13.62 ft TOIC

Date: 9/25/13

Total Well Depth: 22.22 ft TOIC

Purge Start Time: 1057

Depth to Pump: 18 ft TOIC

Purge End Time: 1137

Initial Pump Rate: 110 mL/min

Pump Type: peristaltic pump

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 1.38 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1057	—	7.94	139.6	1.70	17.8	2.95	2.34	13.62
11:02	0.2	7.82	141.6	1.74	17.6	1.84	1.03	13.62
11:07	0.4	7.78	141.9	1.78	17.6	1.73	0.80	13.62
11:12	0.5	7.62	143.2	1.90	17.6	1.47	1.07	13.62
11:17	0.7	7.44	144.1	2.02	17.6	1.44	1.19	13.62
11:22	0.8	7.40	144.1	2.08	17.6	1.40	1.01	13.62
11:27	0.9	7.34	143.6	2.14	17.6	1.37	1.00	13.60
11:32	1.1	7.32	143.2	2.18	17.6	1.35	0.79	13.60
11:37	1.2	7.29	142.8	2.20	17.6	1.33	0.62	13.60
Final Sample Data:		7.29	142.8	2.20	17.6	1.33	0.62	13.60

Sample ID(s): AMSF - MW-21-W - 092513

Sample Time: 1140

Analyses:

- TCL VOCs + TICs
- PPL Metals

Dup?

MS/MSD?

- 
- 

Sampler(s): WA + LB

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_





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Drum#7

Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: MW-22

Initial Depth to Water: 13.53 ft TOIC

Date: 9/25/13

Total Well Depth: 23.10 ft TOIC

Purge Start Time: 1250

Depth to Pump: 18 ft TOIC

Purge End Time: 1320

Initial Pump Rate: 100 mL/min

Pump Type: peristaltic pump / glo pump

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 1.53 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1250	—	7.34	171.0	2.37	17.7	3.06	0.78	13.51
1255	0.2	7.11	170.2	2.36	17.5	0.46	0.71	13.51
1300	0.4	7.08	168.6	2.36	17.5	0.51	0.44	13.51
1305	0.5	7.08	167.0	2.36	17.5	0.46	0.45	13.51
1310	0.7	7.08	165.9	2.36	17.5	0.40	0.38	13.51
1315	0.8	7.09	164.4	2.36	17.5	0.37	0.41	13.51
1320	0.9	7.09	163.1	2.36	17.5	0.36	0.41	13.51
Final Sample Data:		7.09	163.1	2.36	17.5	0.36	0.41	13.51

Sample ID(s): AMSF-MW-22-W-092513

Sample Time: 13:25

Analyses:

- TCL VOCs + TICs
- PPL Metals

- Dup?
- MS/MSD?

Sampler(s): WA & LB

Comments: \_\_\_\_\_



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#  
Drum 17

Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: MW-23

Initial Depth to Water: 13.59 ft TOIC

Date: 9/25/13

Total Well Depth: 24.50 ft TOIC

Purge Start Time: 15:32

Depth to Pump: 19 ft TOIC

Purge End Time: 15:47

Initial Pump Rate: 140 mL/min

Pump Type: peristaltic pump (geopump)

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 1.75 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
15:32	—	7.35	149.0	2.15	19.4	2.16	4.42	13.61
15:37	0.2	7.15	146.6	2.16	18.9	2.00	0.83	13.62
15:42	0.4	7.14	147.0	2.16	18.9	1.84	0.77	13.62
15:47	0.6	7.12	147.2	2.15	18.9	1.95	0.36	13.62
Final Sample Data:		7.12	147.2	2.15	18.9	1.95	0.36	13.62

Sample ID(s): AMSF-MW-23-W-092513

Sample Time: 15:50

- Analyses:
- TCL VOCs + TFCs
  - PPL Metals

- Dup?
- MS/MSD?

Sampler(s): WA & LB

Comments: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



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D: 9/25/13

### Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: MW-25

Initial Depth to Water: 13.55 ft TOIC

Date: 9/25/13

Total Well Depth: 19 ft TOIC

Purge Start Time: 14:38

Depth to Pump: 25.27 ft TOIC

Purge End Time: 15:08

Initial Pump Rate: 110 mL/min

Pump Type: peristaltic pump (6-espump)

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes *31.*

Well Volume: 1.88 gallons *10%*

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
14:38	—	7.36	141.8	2.26	18.5	1.20	3.25	13.55
14:43	0.3	7.04	139.2	2.23	17.3	0.24	2.04	13.55
14:48	0.4	7.02	137.8	2.23	17.2	0.19	0.76	13.56
14:53	0.5	6.98	136.9	2.22	17.2	0.16	0.96	13.56
14:58	0.7	6.98	136.3	2.22	17.1	0.14	0.51	13.56
15:03	0.8	6.97	135.4	2.21	17.1	0.14	0.73	13.56
15:08	0.9	6.98	134.4	2.21	17.2	0.13	0.73	13.56
Final Sample Data:		6.98	134.4	2.21	17.2	0.13	0.73	13.56

Sample ID(s): AMSF-MW-25-W-092513

Sample Time: 1310<sup>LB</sup> 1510

Analyses:  
 TCL VOCs + TICs  
 PPL Metals

Dup?   
MS/MSD?

Sampler(s): WA + LB

Comments: \_\_\_\_\_



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Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: MW-26

Initial Depth to Water: 12.47 ft TOIC

Date: 9/26/13

Total Well Depth: 24.7 ft TOIC

Purge Start Time: 0944

Depth to Pump: 12.2 ft TOIC

Purge End Time: 1020

Initial Pump Rate: 200 mL/min

Pump Type: Peristaltic

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 1.96 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
0945	0.0	7.36	153.4	2.80	16.8	0.69	36.8	12.48
0950	0.3	7.02	152.7	2.80	16.3	0.24	8.50	12.49
0955	0.6	6.98	152.5	2.77	16.3	0.23	2.55	12.49
1000	0.8	6.96	151.8	2.76	16.3	0.18	1.11	12.49
1005	1.0	6.96	150.4	2.76	16.3	0.15	0.72	12.50
1009	1.4	6.96	150.4	2.76	16.3	0.12	0.68	12.50
1015	1.6	6.96	149.6	2.76	16.3	0.11	0.72	12.50
1020	1.8	6.96	148.8	2.77	16.3	0.11	0.60	12.50
Final Sample Data:		6.96	148.8	2.77	16.3	0.11	0.60	12.50

Sample ID(s): AMSF-MW-26-W-092613 (NS/MSD) AMSF-MW-DUP-W-092613

Sample Time: 1025

- Analyses:
- TCL VOCs
  - PPL Metals

- Dup?  MS/MSD?

Sampler(s): K. Prano & L. Best

Comments: Clear, NO odor



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Stantec

Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: MW-27

Initial Depth to Water: 13 ft TOIC

Date: 9/26/13

Total Well Depth: 25.25 ft TOIC

Purge Start Time: 08:46

Depth to Pump: 223 ft TOIC

Purge End Time: 09:11

Initial Pump Rate: 100 mL/min

Pump Type: peristaltic

adjusted to: 180 mL/min at 08:50 minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 1.96 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
08:46	—	7.7	180.0	2.32	15.8	0.80	13.3	13.00
08:51	0.2	6.86	152.0	2.20	15.5	0.17	5.35	13.00
08:56	0.5	6.90	146.9	2.16	15.6	0.14	1.25	13.00
09:01	0.8	6.93	140.7	2.16	15.7	0.13	0.68	13.00
09:06	1.1	6.94	136.9	2.16	15.7	0.14	0.66	13.00
09:11	1.5	6.94	134.3	2.15	15.7	0.14	0.60	13.00
Final Sample Data:		6.94	134.3	2.15	15.7	0.14	0.60	13.00

Sample ID(s): AMSF-MW-27-W-092613

Sample Time: 0915

- Analyses:
- TCL VOCs + TICs
  - PPL Metals + Al

Dup?  MS/MSD?

Sampler(s): UB & KP

Comments: Clear, no odor



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Stantec

**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF

Well ID: MW-28

Initial Depth to Water: 11.63 ft TOIC

Date: 9/27/13

Total Well Depth: 21.18 ft TOIC

Purge Start Time: 1050

Depth to Pump: ~19 ft TOIC

Purge End Time: 1135

Initial Pump Rate: 140 mL/min

Pump Type: peristaltic

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 1.53 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1050	—	7.55	121.1	1.97	15.6	3.25	8.98	11.65
1055	0.3	7.31	119.9	1.95	15.3	1.06	2.44	11.65
1100	0.5	7.28	119.5	1.95	15.3	0.90	2.03	11.65
1105	0.7	7.26	119.3	1.96	15.3	0.81	1.94	11.65
1110	1.0	7.25	118.8	1.96	15.4	0.76	2.09	11.65
1115	1.2	7.24	119.0	1.97	15.4	0.72	3.28	11.65
1120	1.4	7.24	118.5	1.97	15.5	0.62	1.59	11.65
1125	1.6	7.24	117.9	1.98	15.6	0.54	1.71	11.65
1130	1.7	7.25	116.9	1.98	15.9	0.57	1.24	11.65
1135	1.8	7.24	118.2	1.97	15.5	0.60	1.64	11.65
Final Sample Data:		7.24	118.2	1.97	15.5	0.60	1.64	11.65

Sample ID(s): AMSF-MW-28-W-092713

Sample Time: 11:40

Analyses:

- TCL VOCs +TICs  
 PPL Metals

Dup?  MS/MSD?

- 

Sampler(s): WA & LB

Comments: Clear, no odor

asphalt paving w/i 100ft ~1125-1135



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### Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: MW-30

Initial Depth to Water: 20.78 ft TOIC

Date: 9/27/13

Total Well Depth: 30.11 ft TOIC

Purge Start Time: 15:42

Depth to Pump: ~18 ft TOIC

Purge End Time: 16:02

Initial Pump Rate: 200 mL/min

Pump Type: peristaltic

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 1.49 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
15:42	~	7.24	114.9	3.30	18.0	2.31	12.9	20.78
15:47	0.4	7.03	119.9	3.28	16.8	1.65	1.75	20.80
15:52	0.7	7.01	119.2	3.28	16.7	1.58	1.29	20.80
15:57	0.9	7.02	117.9	3.27	16.7	1.60	0.66	20.80
16:02	1.1	7.02	116.6	3.27	18.0	1.50	0.86	20.80
Final Sample Data:		7.02	116.6	3.27	18.0	1.50	0.86	20.80

Sample ID(s): AMSF-MW-30-W-092713

Sample Time: 16:05

Analyses:

- TCL VOCs + TICs
- PPL Metals

Dup?  MS/MSD?

Sampler(s): LB + WPA

Comments: clear, no odor



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*\* tubing halfway down water column*  
*\* DUMPT*

Monitoring Well Purging and Sampling Record

Site Name: Former AMSF  
Initial Depth to Water: 12.93 ft TOIC *→ 9/24 9/25: 13.09*  
Total Well Depth: 27.30 ft TOIC  
Depth to Pump: 20 ft TOIC  
Initial Pump Rate: 130 mL/min  
adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes  
adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

*AMSF-*  
Well ID: MW-31

Date: 9/25/13

Purge Start Time: 0826

Purge End Time: 0906

Pump Type: peristaltic pump (geo pump)

Well Diameter: 2 inches

Well Volume: 2.27 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
08:26	—	6.46	52.3	2.93	17.1	1.34	1.69	13.09
08:31	0.2	7.04	25.1	2.76	16.9	0.30	0.90	13.10
08:36	0.4	7.03	38.7	2.47	16.9	0.28	0.88	13.10
08:41	0.6	7.02	37.8	2.39	16.8	0.33	0.98	13.11
08:46	0.7	7.03	36.7	2.34	16.8	0.25	0.89	13.11
08:51	0.8	7.03	35.5	2.33	16.8	0.17	1.02	13.11
08:56	1.0	7.03	33.7	2.32	16.8	0.15	0.86	13.12
09:01	1.1	7.05	31.8	2.33	16.8	0.14	1.08	13.12
09:06	1.2	7.06	30.1	2.33	16.8	0.13	0.71	13.12
Final Sample Data:		7.06	30.1	2.33	16.8	0.13	0.71	13.12

Sample ID(s): AMSF-MW-31-W-092513

Sample Time: 09:10

Analyses:

- TCL VOCs + TICS
- PPL Metals + AI

Dup?  MS/MSD?

Sampler(s): WA + LB

Comments: sulfur odor



4/23/14 AMSF

0930 - before onsite

0940 - After onsite

0A1-TB/MW-1 - 1,620 gal  
X10% = 2,002

0A1-TB/MW-2 960 gal  
X10% = 1,078 gal

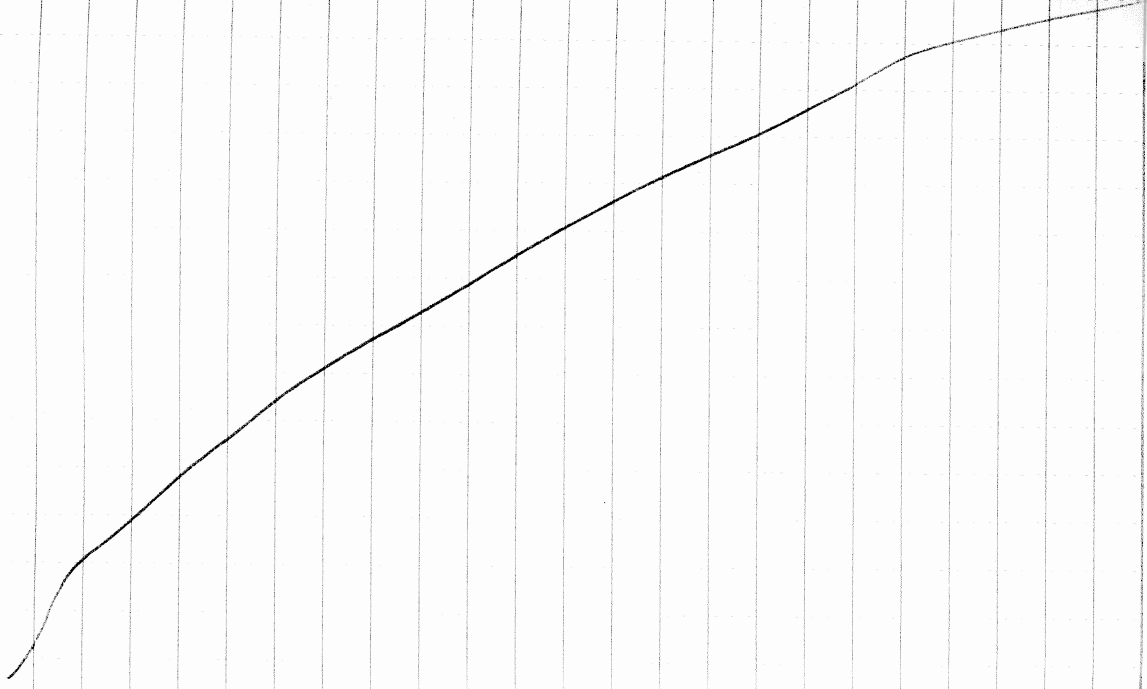
MW-1 - WL - 9.21

BDFC

• 1050 began pumping at  
9 gal/minute

→ water is turbid  
1145 water is clear

MW-2 WL 6.71'



4/24/2014

Alliance project

TW on site @ 0700

Joe Hensel from Geologic already on site  
setting up for development  
at 2nd O-1 well (outdoor well)

Pumped 1100 gallons to frac tank

Frac tank sampled by TW, left site

Delivered WW-2 sample to

Paradigm @ 11:00



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**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF  
 Depth to Water: 8.3 ft TOIC  
 Total Well Depth: 25.25 ft TOIC - firm bottom  
 Depth to Pump: 22 ft TOIC  
 Initial Pump Rate: 350 mL/min  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well ID: MW-7  
 Date: 5/12/14  
 Purge Start Time: 1420  
 Purge End Time: 1445  
 Pump Type: Bladder  
 Well Diameter: 2 inches  
 Well Volume: 2.7 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity <sup>µS/cm</sup> (ms/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1420	0.0	7.16	-5.4	2706.3	18.57	0.14	100.4	8.35
1425	0.8	7.13	-9.1	3001.5	12.93	0.16	102	8.35
1430	1.4	7.14	-17.0	3010.1	12.83	0.13	62.1	8.33
1435	1.7	7.13	-18.3	3005.0	12.80	0.10	37.1	8.33
1440	2.1	7.13	-17.6	3004.4	12.72	0.09	25.9	8.33
1445	2.5	7.14	-18.9	3005.5	12.57	0.09	21.8	8.34
<b>Final Sample Data:</b>		7.14	-18.9	3005.5	12.57	0.09	21.8	8.34

Sample ID(s): A MSF-MW-7-W-051214  
 Sample Time: 1450

Sampler(s): K. Reno & L. Best

- Analyses:
- VOCs + TICs
  - SVOCs
  - PCBs
  - Pesticides
  - TAL Metals
- Dup?  MS/MSD?

Equipment: Seefeld notebook & CC

Comments: very turbid - orange

$$(TD - WL) \times 0.16 = \text{well vol.}$$



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**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF Well ID: MW-9S  
 Depth to Water: 9.51 ft TOIC Date: 5/13/14  
 Total Well Depth: 25.10 ft TOIC Purge Start Time: 8:03  
 Depth to Pump: ~23 ft TOIC Purge End Time: 9:58  
 Initial Pump Rate: 370 mL/min Pump Type: Bladder  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes Well Diameter: 2 inches  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes Well Volume: 2.5 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (µS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
8:03	0	6.94	45.8	3939.6	13.74	1.08	49.7	9.51
8:08	0.5	6.88	40.1	4100.9	12.33	2.24	73.9	9.53
8:13	1	6.88	40.3	3903.9	12.15	2.23	75.6	9.52
8:18	1.5	6.87	42.1	3820.9	11.92	2.07	43.8	9.52
8:23	2	6.86	42.6	4062.2	11.92	1.84	30.4	9.52
8:28	2.5	6.86	43.6	4311.8	11.92	1.61	16.8	9.52
8:33	3	6.86	43.0	4520.4	11.87	1.43	15.5	9.52
8:38	3.5	6.86	42.5	4631.2	11.94	1.27	15.4	9.52
8:43	4	6.85	42.2	4754.0	11.96	1.14	18.2	9.52
8:48	4.5	6.85	42.2	4835.7	11.96	1.00	16.6	9.52
8:53	5	6.85	42.2	4916.8	11.93	0.86	16.4	9.52
8:58	5.5	6.85	41.9	4993.1	11.96	0.75	15.6	9.52
9:03	6	6.85	41.9	5010.7	12.03	0.65	12.2	9.52
9:08	6.5	6.85	41.7	5056.6	12.09	0.56	12.7	9.52
9:13	7	6.85	41.7	5072.4	11.94	0.50	11.7	9.52
<b>Final Sample Data:</b>		→						

Sample ID(s): AMSF-MW-9S-W-051314 → see next page  
 Sample Time: 1005 Sampler(s): KP/LB/HG

Analyses:  VOCs + TICS  Dup?  MS/MSD?  Equipment: see field notebook  
 SVOCs    
 PCBs    
 Pesticides    
 TAL Metals    
 Comments: initially clear with some suspended particles, no odor then slightly cloudy clear after ~40 mins



61 Commercial Street  
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Stantec

Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: MW-29

Initial Depth to Water: 15.68 ft TOIC

Date: 9/27/13

Total Well Depth: 27.65 ft TOIC

Purge Start Time: 1405

Depth to Pump: ~25 ft TOIC

Purge End Time: 1455

Initial Pump Rate: 200 mL/min

Pump Type: peristaltic

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 1.92 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1405	—	7.24	-1.6	2.76	17.3	0.99	1806 AU	15.69
1410	0.4	7.10	78.7	2.77	17.1	0.88	10.71	15.68
1415	0.7	7.07	89.3	2.77	17.2	0.82	6.24	15.68
1420	0.9	7.06	99.0	2.78	17.2	0.80	2.09	15.68
1425	0.2	7.06	101.0	2.79	17.1	0.78	3.83	15.68
1430	1.3	7.07	100.2	2.79	17.4	0.68	21.3	15.68
1435	1.5	7.09	63.8	2.80	17.7	0.66	41.5	15.68
1440	1.6	7.09	83.9	2.81	18.2	0.73	7.60	15.69
1445	1.7	7.08	96.3	2.80	18.0	0.72	4.57	15.69
1450	1.9	7.08	100.2	2.81	17.8	0.73	3.54	15.69
1455	2.0	7.07	103.2	2.79	17.9	0.73	1.82	15.69
Final Sample Data:		7.07	103.2	2.79	17.9	0.73	1.82	15.69

Sample ID(s): AMSF-MW-29-W-092713

Sample Time: 15:00

Analyses:

- TCL VOCs + TECS
- PPL Metals

Dup?  MS/MSD?

Sampler(s): CB + WA

Comments: murky at first; clear after ~0.3gal



61 Commercial Street  
 Rochester, NY 14614  
 (585) 475-1440

**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF

Well ID: MW-9S

Depth to Water: 9.51 ft TOIC

Date: 5/13/14

Total Well Depth: 25.10 ft TOIC

Purge Start Time: 8:03

Depth to Pump: ~23 ft TOIC

Purge End Time: 9:58

Initial Pump Rate: 370 mL/min

Pump Type: Bladder

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 2.5 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
9:18	7.5	6.85	42.0	5230.4	12.07	0.32	12.45	9.52
9:23	8	6.85	41.9	5257.9	12.19	0.28	11.33	9.52
9:28	8.5	6.85	42.1	5293.8	12.30	0.24	8.22	9.52
9:33	9	6.85	42.1	5296.1	12.24	0.21	7.65	9.52
9:38	9.5	6.85	42.1	5293.5	12.22	0.18	8.64	9.52
9:43	10	6.85	42.0	5330.2	12.21	0.16	6.53	9.52
9:48	10.5	6.85	42.1	5336.5	12.17	0.14	6.10	9.52
9:53	11	6.85	41.9	5334.5	12.12	0.13	6.47	9.52
9:58	11.5	6.85	41.9	5349.5	12.24	0.12	6.18	9.52
<b>Final Sample Data:</b>		<u>6.85</u>	<u>41.9</u>	<u>5349.5</u>	<u>12.24</u>	<u>0.12</u>	<u>6.18</u>	<u>9.52</u>

Sample ID(s): AMSF-MW-9S-W-051314

Sampler(s): KP/LB/HG

Sample Time: 10:05

Equipment: see field notebook

- Analyses:
- |   |                          |                          |
|---|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> VOCs + TICs | Dup?                     | MS/MSD?                  |
| <input type="checkbox"/> SVOCs                  | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> PCBs                   | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Pesticides             | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> TAL Metals             | <input type="checkbox"/> | <input type="checkbox"/> |

Comments: see page 1



61 Commercial Street  
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Monitoring Well Purging and Sampling Record

Site Name: Former AMSF  
 Depth to Water: 8.40 ft TOIC  
 Total Well Depth: 23.3 ft TOIC - soft Bottom  
 Depth to Pump: 20 ft TOIC  
 Initial Pump Rate: 420 mL/min  
 adjusted to: 250 mL/min at 1120 minutes  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well ID: MW-13S  
 Date: 5/12/2014  
 Purge Start Time: 1115  
 Purge End Time: 1216  
 Pump Type: Bladder  
 Well Diameter: 4 inches  
 Well Volume: 9.7 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (µS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1116	0.0	7.24	-92.9	2313.2	14.04	1.29	284	8.42
1121	0.5	7.13	-85.0	2868.7	12.90	1.79	265	8.42
1126	0.9	7.12	-84.4	2909.6	12.68	1.63	12.0	8.42
1131	1.1	7.12	-73.9	2912.6	12.70	1.44	8.68	8.42
1126	1.4	7.11	-68.2	2926.5	12.70	1.26	6.70	8.42
1141	1.8	7.11	-65.5	2936.7	12.59	1.10	5.33	8.42
1146	2.1	7.12	-62.8	2951.3	12.65	0.95	3.31	8.42
1151	2.5	7.12	-60.6	2943.7	12.70	0.84	2.75	8.42
1156	2.8	7.11	-57.1	2940.3	12.68	0.73	2.72	8.42
1201	3.0	7.12	-55.4	2940.0	12.76	0.64	2.62	8.42
1206	3.2	7.12	-54.5	2938.1	12.84	0.06	1.70	8.42
1211	3.5	7.12	-53.4	2935.5	12.87	0.05	1.77	8.42
1216	3.9	7.11	-51.6	2924.6	13.00	0.05	1.50	8.42
Final Sample Data:		7.11	-51.6	2934.6	13.00	0.05	1.50	8.42

Sample ID(s): AMSF-MW-13S-W-0512A

Sample Time: 1220

Sampler(s): K. Pardo, L. Best

- Analyses:
- VOCs + TDG
  - SVOCs
  - PCBs
  - Pesticides
  - TAL Metals

- Dup?  MS/MSD?

Equipment: see field notebook

Comments: Sulfur odor, clear w/

light colored particles, clear  
1130



61 Commercial Street  
Rochester, NY 14614  
(585) 475-1440

**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF Well ID: MW-161  
 Depth to Water: 8.84 ft TOIC Date: 5/12/14  
 Total Well Depth: 44.2 ft TOIC Purge Start Time: 1246  
 Depth to Pump: ~41 ft TOIC Purge End Time: 1326  
 Initial Pump Rate: 150 mL/min Pump Type: bladder  
 adjusted to: 225 mL/min at 1253 minutes Well Diameter: 2 inches  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes Well Volume: 5.7 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (µS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1246	—	7.63	-166.1	4449.1	22.44	7.16	4.05	8.84
1251	0.2	6.96	-161.1	7215.3	15.43	0.75	16.8	8.84
1256	0.5	6.94	-132.9	7378.2	14.35	0.27	6.63	8.84
1301	0.9	6.95	-123.8	7405.3	14.28	0.19	4.52	8.84
1306	1.1	6.94	-118.6	7412.6	14.15	0.15	2.34	8.84
1311	1.4	6.95	-115.8	7419.3	14.30	0.12	2.06	8.84
1316	1.8	6.95	-113.6	7416.2	14.20	0.10	1.55	8.84
1321	2.1	6.95	-112.3	7438.8	14.29	0.09	1.69	8.84
1326	2.5	6.95	-111.4	7415.4	14.40	0.08	1.33	8.84
<b>Final Sample Data:</b>		6.95	-111.4	7415.4	14.40	0.08	1.33	8.84

Sample ID(s): AMSF - MW-161 - W - 051214

Sample Time: 13:36

Sampler(s): KP/LB

Analyses:  VOCs + TICs  SVOCs  PCBs  Pesticides  TAL Metals  
 Dup?  MS/MSD?

Equipment: see field notebook

Comments: clear, no odor<sup>LB</sup>, slight sulfur odor (getting stronger ~15min after purge start)





61 Commercial Street  
 Rochester, NY 14614  
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**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF

Well ID: MW-23

Depth to Water: 10.38 ft TOIC

Date: 5/13/14

Total Well Depth: 24.55 ft TOIC

Purge Start Time: 16:21

Depth to Pump: ~22 ft TOIC

Purge End Time: 16:41

Initial Pump Rate: 250 mL/min

Pump Type: bladder

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 2.3 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
16:21	0	7.22	28.6	5447.9	20.07	2.95	168	10.38
16:26	0.5	7.13	30.2	5844.7	17.45	1.24	23.5	10.38
16:31	0.8	7.12	30.9	5944.5	17.28	1.18	7.42	10.38
16:36	1.1	7.12	31.9	5983.3	17.21	1.21	5.39	10.38
16:41	1.5	7.11	32.7	6009.7	17.17	1.16	2.36	10.38
<b>Final Sample Data:</b>		7.11	32.7	6009.7	17.17	1.16	2.36	10.38

Sample ID(s): AMSF-MW-23-W-051314

Sample Time: 16:45

Sampler(s): KP/LB/HG

Analyses:

- VOCs + TICs
- SVOCs
- PCBs
- Pesticides
- TAL Metals

Dup?  MS/MSD?

- 
- 
- 
- 
- 

Equipment: see field notebook

Comments: clear, no odor



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Monitoring Well Purging and Sampling Record

Site Name: Former AMSF  
 Depth to Water: 27.18 <sup>10.18</sup> ft TOIC  
 Total Well Depth: 27.30 ft TOIC  
 Depth to Pump: ~25 ft TOIC  
 Initial Pump Rate: 400 mL/min  
 adjusted to: 210 mL/min at 2:01 PM minutes  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well ID: MW-31  
 Date: 5/13/14  
 Purge Start Time: 1:51 pm  
 Purge End Time: 3:41 pm  
 Pump Type: bladder  
 Well Diameter: 2 inches  
 Well Volume: 2.7 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1:51 pm	0	7.46	-49.15	2805.2	18.26	2.97	84.5	10.19
1:56 pm	0.8	7.19	-55.0	2989.3	15.33	1.38	88.3	10.19
2:01 pm	1.1	7.19	-55.1	2984.6	15.29	1.36	56.3	10.20
2:06 pm	1.25	7.18	-57.5	2978.2	15.27	1.05	23.4	10.20
2:11 pm	1.5	7.18	-58.0	2979.2	15.22	0.93	20.5	10.20
2:16 pm	1.9	7.18	-58.9	2977.5	15.19	0.92	17.3	10.20
2:21 pm	2.15	7.18	-58.8	2978.8	15.17	0.80	15.7	10.20
2:26 pm	2.35	7.18	-58.8	2977.3	15.15	0.71	14.0	10.20
2:31 pm	2.75	7.18	-58.2	2976.7	15.14	0.66	11.18	10.20
2:36 pm	3.0	7.17	-59.3	2974.6	15.14	0.55	9.92	10.20
2:41 pm	3.3	7.17	-60.1	2976.5	15.14	0.44	7.23	10.20
2:46 pm	3.5	7.17	-59.0	2975.7	15.12	0.42	6.13	10.20
2:51 pm	3.8	7.17	-58.4	2971.9	15.10	0.50	7.02	10.20
2:56 pm	4.0	7.17	-58.3	2970.7	15.12	0.54	5.06	10.20
3:01 pm	4.2	7.17	-59.0	2970.7	15.15	0.44	4.83	10.20
Final Sample Data: _____ → see next page								

Sample ID(s): AMSF-MW-31-W-051314

Sample Time: 15:45

Sampler(s): LB/KP/HG

- Analyses:
- |   |                          |                          |
|---|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> VOCs + TICS | Dup?                     | MS/MSD?                  |
| <input type="checkbox"/> SVOCs                  | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> PCBs                   | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Pesticides             | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> TAL Metals             | <input type="checkbox"/> | <input type="checkbox"/> |

Equipment: see field notebook

Comments: sulfur smell, clear



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**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF Well ID: MW-31  
 Depth to Water: 10.18 ft TOIC Date: 5/13/14  
 Total Well Depth: 27.3 ft TOIC Purge Start Time: 1:51 pm  
 Depth to Pump: ~25 ft TOIC Purge End Time: 3:41 pm  
 Initial Pump Rate: 400 mL/min Pump Type: bladder  
 adjusted to: 210 mL/min at 2:01pm minutes Well Diameter: 2 inches  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes Well Volume: 2.7 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
3:06 pm	4.4	7.17	-59.0	2968.6	15.11	0.37	4.51	10.20
3:11 pm	4.7	7.17	-59.2	2970.7	15.10	0.33	3.09	10.20
3:16 pm	5.0	7.17	-59.5	2965.2	15.10	0.26	2.82	10.20
3:21 pm	5.25	7.17	-58.9	2962.6	15.12	0.21	2.66	10.20
3:26 pm	5.55	7.17	-59.0	2961.3	15.10	0.20	1.94	10.20
3:31 pm	5.85	7.17	-58.8	2963.6	15.10	0.17	1.92	10.20
3:36 pm	6.1	7.17	-58.4	2962.1	15.10	0.17	2.12	10.20
3:41 pm	6.4	7.17	-57.4	2954.1	15.10	0.16	1.88	10.20
<b>Final Sample Data:</b>		7.17	-57.4	2954.1	15.10	0.16	1.88	10.20

Sample ID(s): AMSF - MW-31 - W - 051314 Sampler(s): LB/KP/HG  
 Sample Time: 15:45

Analyses:  VOCs + TICs  Dup?  MS/MSD? Equipment: see field notebook  
 SVOCs    
 PCBs    
 Pesticides    
 TAL Metals    
 Comments: see page 1

$$(W_0 - W_L) \times 0.16$$



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**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF Well ID: MW-32  
 Depth to Water: 10.28 ft TOIC Date: 05/13/14  
 Total Well Depth: 22 ft TOIC Purge Start Time: 10:40  
 Depth to Pump: ~20 ft TOIC Purge End Time: 11:25  
 Initial Pump Rate: 300 mL/min Pump Type: Bladder  
 adjusted to: 100 mL/min at 10:45 minutes Well Diameter: 2 inches  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes Well Volume: 1.9 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
10:40	0	7.64	72.5	3591.8	19.69	4.03	32.7	10.28
10:45	0.4	7.24	39.9	4442.3	17.01	0.67	107.5	10.28
10:50	0.6	7.26	34.6	4421.4	17.08	0.65	89.7	10.28
10:55	0.8	7.27	32.6	4413.7	16.99	0.60	77.3	10.28
11:00	0.9	7.27	31.5	4403.4	16.94	0.55	71.7	10.28
11:05	0.93	7.24	31.1	4316.9	16.89	0.51	58.4	10.28
11:10	0.97	7.24	30.6	4288.1	16.85	0.45	50.2	10.28
11:15	1	7.25	30.0	4246.5	16.83	0.42	47.3	10.28
11:20	1.1	7.26	29.5	4217.6	16.82	0.40	37.1	10.28
11:25	1.2	7.26	29.2	4182.8	16.82	0.38	31.0	10.28
<b>Final Sample Data:</b>		7.26	29.2	4182.8	16.82	0.38	31.0	10.28

Sample ID(s): AMSF-MW-32-W-051314

Sample Time: 11:30

Sampler(s): KP/LB/HG

Analyses: Dup? MS/MSD?  
 VOCs + TICs    
 SVOCs    
 PCBs    
 Pesticides    
 TAL Metals

Equipment: see field notebook

Comments: clear, very slight chlorinated odor

(WD-WL) x 0.16



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Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: MW-33

Depth to Water: 8.80 ft TOIC

Date: 5/13/14

Total Well Depth: 23.95 ft TOIC

Purge Start Time: 12:04

Depth to Pump: ~21 ft TOIC

Purge End Time: 12:39

Initial Pump Rate: 2.00 mL/min

Pump Type: bladder

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 2.4 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
12:04	0	7.22	-57.6	2828.4	21.35	1.60	1644 AU	8.80
12:09	0.35	7.20	-55.8	3052.6	14.37	0.26	1541 AU	8.80
12:14	0.6	7.19	-51.7	3055.6	13.97	0.19	681 AU	8.80
12:19	0.8	7.17	-49.6	3047.5	13.93	0.16	142 NTU	8.80
12:24	0.9	7.17	-47.6	3046.1	13.93	0.14	99.9 NTU	8.80
12:29	1.0	7.16	-47.2	3034.6	14.06	0.11	57 NTU	8.80
12:34	1.5	7.16	-46.1	3035.1	14.02	0.11	36.6 NTU	8.80
12:39	1.8	7.15	-45.5	3031.7	13.81	0.10	21.7 NTU	8.80
Final Sample Data:		7.15	-45.5	3031.7	13.81	0.10	21.7	8.80

Sample ID(s): AMSF-MW-33-W-051314 ; AMSF-MW-DUP-W-051314

Sample Time: 1245 ; 1250 Sampler(s): KP/LB/HG

Analyses:  VOCs + TICs  Dup?  MS/MSD?  Equipment: see field notebook

SVOCs

PCBs

Pesticides

TAL Metals

Comments: starts milky, clearing up after ~25 minutes

5/29 AMSF 140500647

0910 L. Best onsite

Geologic onsite (Scott & John)

Objective : develop MW-34 (~1600 gal to remove)

∴ ~1,470 gal lost during coring

Weather : overcast, moderate wind, 60s to partly sunny (@ 09:15)

WL = 13.81' TOIC (pre-dev't) (@ 09:15)

2-500 gal tank }  
1-450 gal tank } ~0955-1440 ~7-8 gal/min  
1-200 gal tank } @ 0955 CB

\* using a jet pump

\* @ 1038, water is very clear (few suspended particles) → took picture in glass container

1430 collected wastewater sample (grab)

for analysis to discharge

(drill water from MW-34)

[1445 - Tom Wells onsite to drop off bottle set & also returned with ice for sample cooler]

1445 TW offsite to drop off wastewater sample finished purge (~1,650 gal)

install road box & set orange netting

around water tanks & drums

1530 CB & Geologic offsite

Site Name: Former AMSF

Project Number: 190500647

Date: 6/25/2015

Names: HG/AG

Equipment: water level meter

Well ID	Water Level (TOIC ft)	Total Depth (TOIC ft)	Well Diameter (in)	Notes
AMSF-MW-8S	5.58		2	
AMSF-MW-8D	16.65		2	
AMSF-RW-1	1.85		6	
AMSF-MW-10	6.10		2	
AMSF-MW-3S	6.56		2	
AMSF-MW-3D	15.77		2	
AMSF-MW-27	10.95		2	
AMSF-MW-28	9.03		2	
AMSF-MW-26	10.65		2	
AMSF-MW-4	9.10		2	
AMSF-MW-9S	10.3		2	
AMSF-MW-31	10.99		2	
AMSF-MW-24	dry		2	
AMSF-RW-2	8.59		6	cover has dropped
AMSF-MW-1S	11.34		2	
AMSF-MW-1D	22.55		2	
AMSF-MW-30	18.29		2	

Well Volume Calculation

1 Inch = 0.041

2 Inch = 0.163

4 Inch = 0.653

Site Name: Former AMSF

Project Number: 190500647

Date: 6/25/2015

Names: HG/AG

Equipment: water level meter

Well ID	Water Level (TOIC ft)	Total Depth (TOIC ft)	Well Diameter (In)	Notes
AMSF-MW-21	11.54		2	
AMSF-MW-5D	25.12		2	
RW-4				Water present in catch basin above the top of the well casing
AMSF-MW-5S				
RW-3				Water present in catch basin above the top of the well casing
AMSF-MW-33	9.60		2	
AMSF-MW-20	11.45		2	
AMSF-MW-22	11.22		2	
AMSF-MW-23	11.27		2	
AMSF-MW-25	11.3		2	
AMSF-MW-29	13.21		2	
RW-5	11.23		6	
RW-6	12.35		6	
AMSF-MW-34	12.43		2	
ITT-SBW-16	16.91		4	
ITT-SBW-13	17.32		4	
ITT-18W-19	18.10		2	

Well Volume Calculation

1 Inch = 0.041

2 Inch = 0.163

4 Inch = 0.653



Site Name: Former AMSF

Project Number: 190500647

Date: 6/25/2015

Names: HG/AG

Equipment: Water level meter

Well ID	Water Level (TOIC ft)	Total Depth (TOIC ft)	Well Diameter (in)	Notes
ITT-SBW-14	16.61		4	
ITT-SBW-15	18.75		4	
ITT-SBW-17	11.26		4	
ITT-SBW-18	14.42		4	

**Well Volume Calculation**  
1 Inch = 0.041  
2 inch = 0.163  
4 Inch = 0.653

Site Name: Former AMSF

Project Number: 190500647

Date: 6/25/2015

Names: L. Best + L. Lyons

Equipment: FA01525 100' Heron WLM

Well ID	Water Level (TOIC #)	Total Depth (TOIC #)	Well Diameter (in)	Notes
AMSF-MW-13S	9.38		4	
AMSF-MW-16I	10.07		2	
AMSF-MW-15I	8.65		2	
AMSF-MW-7	9.27		2	
AMSF-MW-12S	8.94		4	
AMSF-MW-11S	8.54		4	
AMSF-MW-32	11.12		2	
ITT-SBW-11	8.09		4	
ITT-SBW-12	8.94			
ITT-MW-1	5.07			
ITT-SBW-4	4.77		4	
ITT-SBW-8	7.12		4	could not get plug off - 11
ITT-SBW-8	9.40			
ITT-SBW-6	9.00			
ITT-SBW-7	9.32			
ITT-IBW-20	10.59		2	
ITT-SBW-2	10.20		4	

Well Volume Calculation

1 inch = 0.041

2 inch = 0.163

4 inch = 0.653

Site Name: Former AMSF

Project Number: 190500647

Date: 6/25/2015

Names:

Equipment:

Well ID	Water Level (TOIC ft)	Total Depth (TOIC ft)	Well Diameter (in)	Notes
ITT-DBW-2	65.08		4	
ITT-SBW-1A	9.45		4	
ITT-SBW-9	10.08		2	
ITT-SBW-10	9.62		4	
ITT-SBW-5A	9.46		4	
ITT-DBW-5	10.98		2	
ITT-MW-4	dry → btm @ 7.94'			
ITT-SBW-23	9.02		4	

**Well Volume Calculation**  
1 Inch = 0.041  
2 Inch = 0.163  
4 Inch = 0.653





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**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF

Well ID: MW-1S

Depth to Water: 10.34 ft TOIC w/ pump 10.35

Date: 6/29/2015

Total Well Depth: 25.02 ft TOIC

Purge Start Time: 0809

Depth to Pump: ~23 ft TOIC

Purge End Time: 0855

Initial Pump Rate: 350 mL/min

Pump Type: bladder

adjusted to: 280 mL/min at 0814 minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 2.3 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
0810	0.0	7.28	-8.7	3.21	13.9	0.16	2221 AU	10.36
0815	0.4	7.08	-76.5	3.17	12.9	0.05	2084 AU	10.36
0820	0.9	7.09	-83.3	3.09	12.8	0.67	1123 AU	10.36
0825	1.2	7.10	-87.9	3.05	12.8	0.33	658 AU	10.36
0830	1.5	7.11	-90.3	3.04	12.7	0.26	75.0	10.36
0835	1.8	7.11	-92.5	3.03	12.8	0.01	94.6	10.36
0840	2.1	7.12	-94.2	3.03	12.7	0.17	63.5	10.36
0845	2.4	7.12	-95.2	3.03	12.7	0.05	44.1	10.36
0850	2.7	7.12	-96.1	3.03	12.7	0.05	36.7	10.36
0855	3.0	7.12	-97.1	3.03	12.6	0.05	28.6	10.36
<b>Final Sample Data:</b>		<b>7.12</b>	<b>-97.1</b>	<b>3.03</b>	<b>12.6</b>	<b>0.05</b>	<b>28.6</b>	<b>10.36</b>

Sample ID(s): AMSF-MW-1S-W-062915

Sample Time: 0900

Sampler(s): LB/AG

Analyses:

- VOCs
- 1,4-Dioxane
- SVOCs
- PCBs
- Pesticides
- TAL Metals

Dup? MS/MSD?

- 
- 
- 
- 
- 

Equipment: \_\_\_\_\_

Comments: brown, cloudy, no odor

clearing after ~20-30 mins



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**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF

Well ID: AMSF-MW-7

Depth to Water: 9.61 ft TOIC w/pump 9.64

Date: 6/26/15

Total Well Depth: 25.25 ft TOIC

Purge Start Time: 1242

Depth to Pump: ~23 ft TOIC

Purge End Time: 1327

Initial Pump Rate: 230 mL/min

Pump Type: bladder

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 2.54 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1242	0.0	7.84	-69.2	2.91	16.5	0.95	69.1	9.64
1247	0.25	7.29	-87.1	3.13	14.1	0.36	775AU	9.64
1252	0.5	7.28	-87.6	3.14	13.9	0.21	155	9.65
1257	0.75	7.29	-88.7	3.14	13.8	0.18	126	9.65
1302	1.0	7.36	-90.3	3.13	13.7	0.19	50.6	9.65
1307	1.25	7.29	-92.8	3.13	13.7	0.34	27.7	9.65
1312	1.50	7.31	-95.3	3.13	13.7	0.16	21.0	9.66
1317	1.75	7.27	-96.3	3.13	13.6	0.12	16.5	9.66
1322	2.00	7.25	-96.5	3.12	13.6	0.12	11.9	9.66
1327	2.25	7.23	-96.6	3.12	13.8	0.11	12.3	9.67
<b>Final Sample Data:</b>		7.23	-96.6	3.12	13.8	0.11	12.3	9.67

Sample ID(s): AMSF-MW-7-W-062615

Sample Time: 1330

Sampler(s): H6/A6

- |   |                          |                          |
|---|--------------------------|--------------------------|
| Analyses:                                       | Dup?                     | MS/MSD?                  |
| <input checked="" type="checkbox"/> VOCs        | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> 1,4-Dioxane | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> SVOCs                  | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> PCBs                   | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Pesticides             | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> TAL Metals             | <input type="checkbox"/> | <input type="checkbox"/> |

YSI = FA00977  
 Equipment: LaMotte = FA00413 WL = FA06775  
compressor = FA02121  
bladder = FA01196

Comments: cloudy and orange, no odor



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**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF  
 Depth to Water: 9.37 ft TOIC w/pump 9.38  
 Total Well Depth: 25.10 ft TOIC  
 Depth to Pump: ~23 ft TOIC  
 Initial Pump Rate: ~200 mL/min  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well ID: MW-9S  
 Date: 6/29/15  
 Purge Start Time: 0937  
 Purge End Time: 1028  
 Pump Type: bladder  
 Well Diameter: 2 inches  
 Well Volume: 2.5 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
0938	—	7.19	45.5	6.40	14.3	1.76	109.6	9.37
0943	0.4	6.96	0.3	7.09	13.6	0.41	56.1	9.38
0948	0.7	6.96	15.8	7.13	13.5	0.35	29.6	9.38
0953	0.9	6.96	22.3	7.12	13.5	0.38	15.1	9.38
0958	1.2	6.96	26.5	7.07	13.6	0.35	12.9	9.38
1003	1.5	6.98	28.7	6.92	13.6	0.31	11.1	9.38
1008	1.7	7.00	30.1	6.67	13.6	0.30	6.05	9.38
1013	1.9	7.00	31.0	6.56	13.6	0.27	3.51	9.38
1018	2.2	7.00	31.4	6.52	13.6	0.24	1.88	9.38
1023	2.4	6.98	32.9	6.50	13.6	0.23	1.31	9.38
1028	2.7	6.97	34.2	6.49	13.5	0.22	1.68	9.38
<b>Final Sample Data:</b>		6.97	34.2	6.49	13.5	0.22	1.68	9.38

Sample ID(s): AMSF-MW9S-W-062915 (MS/MSD)

Sample Time: 1040

Sampler(s): LB/AG

- Analyses:
- |   |                          |                                     |
|---|--------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> VOCs        | Dup?                     | MS/MSD?                             |
| <input checked="" type="checkbox"/> 1,4-Dioxane | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> SVOCs                  | <input type="checkbox"/> | <input type="checkbox"/>            |
| <input type="checkbox"/> PCBs                   | <input type="checkbox"/> | <input type="checkbox"/>            |
| <input type="checkbox"/> Pesticides             | <input type="checkbox"/> | <input type="checkbox"/>            |
| <input type="checkbox"/> TAL Metals             | <input type="checkbox"/> | <input type="checkbox"/>            |

Equipment: Heron WLM: FA00775 bladder pump: FA01196  
Lamotte: FA00413 air compressor: FA02121  
 YSI: FA00977

Comments: yellow-brown, cloudy,  
no odor



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**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF Well ID: AMSF-MW-13S  
 Depth to Water: 9.67 ft TOIC w/pump 9.73 Date: 6/26/15  
 Total Well Depth: 23.3 ft TOIC Purge Start Time: 1122  
 Depth to Pump: ~21 ft TOIC Purge End Time: 1203  
 Initial Pump Rate: 280 mL/min Pump Type: bladder  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes Well Diameter: 4 inches  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes Well Volume: 8.86 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1123	0	7.52	-105.0	3.04	14.0	1.00	40.6	9.73
1128	0.5	7.16	-74.0	3.34	13.5	0.02	8.52	9.73
1133	0.8	7.14	-68.0	3.44	13.5	0.18	5.31	9.73
1138	1.2	7.10	-77.3	3.57	13.5	0.18	3.79	9.73
1143	1.5	7.10	-79.9	3.61	13.6	0.24	4.54	9.73
1148	1.75	7.11	-84.3	3.58	13.6	0.17	3.77	9.73
1153	2.1	7.11	-86.3	3.64	13.7	0.14	3.51	9.73
1158	2.5	7.09	-88.6	3.65	13.7	0.13	2.59	9.73
1203	2.75	7.16	-92.8	3.60	13.8	0.13	2.48	9.73
<b>Final Sample Data:</b>		7.16	-92.8	3.60	13.8	0.13	2.48	9.73

Sample ID(s): AMSF-MW-13S-W-062615 Sampler(s): HG/A6  
 Sample Time: 1210

- Analyses:
- |   |                          |                          |
|---|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> VOCs        | Dup?                     | MS/MSD?                  |
| <input checked="" type="checkbox"/> 1,4-Dioxane | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> SVOCs                  | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> PCBs                   | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Pesticides             | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> TAL Metals             | <input type="checkbox"/> | <input type="checkbox"/> |

Equipment: YSI = FA00977  
LaMotte = FA00413 WL = FA00775  
compressor = FA02121  
bladder = FA01196

Comments: yellow/orange color, no odor



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**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF Well ID: AMSF-MW-16I  
 Depth to Water: 10.38 ft TOIC *w/pump 10.39* Date: 6/26/15  
 Total Well Depth: 44.2 ft TOIC Purge Start Time: 1005  
 Depth to Pump: ~41 ft TOIC Purge End Time: 1046  
 Initial Pump Rate: 160 mL/min Pump Type: bladder  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes Well Diameter: 2 inches  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes Well Volume: 5.51 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1006	0	8.00	-98.8	4.26	15.8	4.00	59.6	10.38
1011	0.2	7.09	-96.7	6.04	15.4	1.09	10.2	10.38
1016	0.4	7.04	-94.6	6.43	15.2	0.52	1.86	10.38
1021	0.6	7.03	-94.1	6.55	15.2	0.36	0.91	10.38
1026	0.8	7.03	-95.6	6.57	15.1	0.44	0.95	10.38
1031	1.0	7.03	-99.1	6.58	14.9	0.35	0.36	10.38
1036	1.1	7.03	-98.8	6.57	14.9	0.26	0.33	10.38
1041	1.25	7.03	-101.5	6.59	14.9	0.25	0.58	10.38
1046	1.4	7.03	-103.1	6.60	15.0	0.25	0.29	10.39
<b>Final Sample Data:</b>		7.03	-103.1	6.60	15.0	0.25	0.29	10.39

Sample ID(s): AMSF-MW-16I-W-062615 Sampler(s): HG/AG  
 Sample Time: 1050

- Analyses:
- |   |                          |                          |
|---|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> VOCs        | Dup?                     | MS/MSD?                  |
| <input checked="" type="checkbox"/> 1,4-Dioxane | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> SVOCs                  | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> PCBs                   | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Pesticides             | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> TAL Metals             | <input type="checkbox"/> | <input type="checkbox"/> |

Equipment: LaMotte: FA00413, YSI-FA00977, WL: FA00775  
compressor: FA02121, bladder: FA01196  
 Comments: clear with a few brown particulates





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**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF

Well ID: AMSF-MW-20

Depth to Water: 10.20 ft TOIC 10.22 w/pump

Date: 6/30/15

Total Well Depth: 24.21 ft TOIC

Purge Start Time: 11:25

Depth to Pump: ~22 ft TOIC

Purge End Time: 1145

Initial Pump Rate: ~260 mL/min

Pump Type: bladder

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 2.2 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity $\mu\text{S (mS/cm)}$	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1125	—	7.48	140.3	4100	17.0	3.87	2105 <sub>nd</sub>	10.22
1130	0.5	7.45	129.7	4402	16.6	3.05	104.6	10.22
1135	0.8	7.45	130.0	4364	16.5	3.04	63.2	10.22
1140	1.2	7.44	130.3	4278	16.5	2.95	37.3	10.22
<del>1145</del>								
<b>Final Sample Data:</b>		7.44	130.3	4278	16.5	2.95	37.3	10.22

Sample ID(s): AMSF-MW20-W-063015

Sample Time: 1145

Sampler(s): L. Best, A. Glase

Analyses:

- VOCs
- 1,4-Dioxane
- SVOCs
- PCBs
- Pesticides
- TAL Metals

- |                          |                          |
|--------------------------|--------------------------|
| <u>Dup?</u>              | <u>MS/MSD?</u>           |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |

Equipment: \_\_\_\_\_

Comments: no odor, clear



61 Commercial Street  
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Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: AMSF-MW-21

Depth to Water: 10.09 ft TOIC w/pump 10.10

Date: 6/30/15

Total Well Depth: 22.22 ft TOIC

Purge Start Time: 953

Depth to Pump: ~20 ft TOIC

Purge End Time: 1040

Initial Pump Rate: 280 mL/min

Pump Type: bladder

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 1.94 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
954	0.1	8.10	78.2	1506 $\mu$ S	16.8	5.65	186	10.12
959	0.5	8.11	39.4	1512 $\mu$ S	16.5	5.62	112	10.11
1004	0.8	8.12	103.6	1499 $\mu$ S	16.5	5.65	41.0	10.11
1009	1.2	8.12	97.4	1521 $\mu$ S	16.5	5.42	31.4	10.11
1014	1.5	8.12	86.2	1530 $\mu$ S	16.4	5.49	22.4	10.11
1019	1.8	8.12	105.7	1533 $\mu$ S	16.4	5.56	15.3	10.11
1024	2.2	8.12	111.7	1536 $\mu$ S	16.4	5.51	11.8	10.11
1029	2.6	8.11	-16.9	1541 $\mu$ S	16.4	5.49	10.06	10.11
1034	3.0	8.11	-19.1	1542 $\mu$ S	16.4	5.39	10.15	10.11
1039	3.4	8.11	-22.6	1541 $\mu$ S	16.4	5.51	7.35	10.11
Final Sample Data:		8.11	-22.6	1541 $\mu$ S	16.4	5.51	7.35	10.11

Sample ID(s): AMSF-MW21-W-063015

Sample Time: 1045

Sampler(s): AG/LB

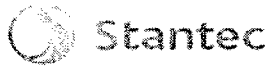
Analyses:

- VOCs
- 1,4-Dioxane
- SVOCs
- PCBs
- Pesticides
- TAL Metals

- |                          |                          |
|--------------------------|--------------------------|
| Dup?                     | MS/MSD?                  |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |

Equipment: \_\_\_\_\_

Comments: cloudy, brown, no odor



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Monitoring Well Purging and Sampling Record

Site Name: Former AMSF  
 Depth to Water: 10.14 ft TOIC 10.15 w/pump  
 Total Well Depth: 23.10 ft TOIC  
 Depth to Pump: ~21 ft TOIC  
 Initial Pump Rate: ~280 mL/min  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well ID: MW-22  
 Date: 6/30/2015  
 Purge Start Time: 1349  
 Purge End Time: 1455  
 Pump Type: bladder  
 Well Diameter: 2 inches  
 Well Volume: 2.1 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mv)	Conductivity $\mu\text{S}$ (ms/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1350	—	7.18	115.1	3323	16.0	0.82	3183 AU	10.16
1355	0.4	7.07	112.9	3302	15.1	0.39	60.2	10.16
1400	0.8	7.06	20.2	3276	15.0	0.27	10.35	10.17
1405	1.1	7.06	27.6	3286	14.9	0.21	4.59	10.17
1410	1.5	7.06	67.5	3290	14.9	0.19	3.65	10.17
1415	1.8	7.06	73.5	3288	14.9	0.16	1.81	10.17
1420	2.2	7.06	72.8	3286	14.9	0.14	1.90	10.18
1425	2.5	7.06	73.2	3279	14.9	0.12	1.07	10.18
1430	2.8	7.06	72.8	3278	14.9	0.11	0.71	10.18
1435	3.2	7.06	42.0	3276	14.9	0.09	1.16	10.18
1440	3.5	7.06	76.8	3272	14.9	0.09	1.10	10.19
1445	3.8	7.06	92.2	3269	14.9	0.09	0.93	10.19
1450	4.1	7.06	94.6	3269	14.9	0.08	0.84	10.17
1455	4.3	7.06	94.6	3268	14.9	0.08	0.76	10.18
Final Sample Data:		7.06	94.6	3268	14.9	0.08	0.76	10.18

Sample ID(s): AMSF-MW22-W-063015

Sample Time: 15:05

Sampler(s): L. Best, A. Glose

Analyses: Dup? MS/MSD?  
 VOCs    
 1,4-Dioxane    
 SVOCs    
 PCBs    
 Pesticides    
 TAL Metals

Equipment: \_\_\_\_\_

Comments: asphalt-like/petro odor, LB

clear, no odor

AMSF-EQUIPMENT BLANK-063015 @ 1540



61 Commercial Street  
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**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF

Well ID: MW-23

Depth to Water: 10.14 ft TOIC 10.14 w/pump

Date: 10/30/2015

Total Well Depth: 24.50 ft TOIC

Purge Start Time: 1243

Depth to Pump: ~22 ft TOIC

Purge End Time: 1304

Initial Pump Rate: 290 mL/min

Pump Type: bladder

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 2.3 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1244	0.1	5.75	134.0	3955 μS	17.4	1.80	862.4	10.16
1249	0.5	7.15	107.2	3867 μS	17.0	0.71	70.1	10.14
1254	0.8	7.14	100.9	3893 μS	17.0	0.75	29.6	10.14
1259	1.1	7.14	103.3	3923 μS	16.9	0.78	13.0	10.14
1304	1.5	7.14	99.4	3943 μS	16.9	0.75	8.29	10.14
Final Sample Data:		7.15	99.4	3943 μS/cm	16.9	0.75	8.29	10.14

Sample ID(s): AMSF-MW23-W-063015

Sample Time: 1305

Sampler(s): AG/LB

- |   |                          |                          |
|---|--------------------------|--------------------------|
| Analyses:                                       | Dup?                     | MS/MSD?                  |
| <input checked="" type="checkbox"/> VOCs        | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> 1,4-Dioxane | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> SVOCs                  | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> PCBs                   | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Pesticides             | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> TAL Metals             | <input type="checkbox"/> | <input type="checkbox"/> |

Equipment: \_\_\_\_\_

Comments: clear, light brown  
suspended solids, no  
odor



61 Commercial Street  
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**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF Well ID: MW-26  
 Depth to Water: 9.62 ft TOIC 9.61 w/pump Date: 6/30/2015  
 Total Well Depth: 24.71 ft TOIC Purge Start Time: 0810  
 Depth to Pump: ~22 ft TOIC Purge End Time: 0907  
 Initial Pump Rate: 220 mL/min Pump Type: bladder  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes Well Diameter: 2 inches  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes Well Volume: 2.4 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity $\mu S$ (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
0812	—	7.03	71.3	5630	15.9	1.34	1895 <sup>AW</sup>	9.65
0817	0.4	6.99	84.1	5842	15.3	0.35	18.8	9.65
0822	0.7	7.00	87.5	5794	15.2	0.38	7.66	9.65
0827	1.1	7.01	88.1	5771	15.2	0.29	2.75	9.66
0832	1.3	7.01	87.0	5759	15.2	0.22	1.78	9.65
0837	1.6	7.02	24.3	5749	15.2	0.18	1.35	9.65
0842	1.9	7.02	61.5	5739	15.2	0.17	1.11	9.65
0847	2.3	7.02	56.0	5735	15.2	0.15	1.38	9.65
0852	2.6	7.02	64.5	5731	15.1	0.14	1.10	9.65
0857	2.9	7.02	68.2	5729	15.2	<del>0.14</del> <sup>0.12</sup>	0.71	9.65
0902	<del>3.2</del>	7.02	64.1	5726	15.1	0.12	0.77	9.65
0907	3.5	7.02	63.2	5725	15.2	0.11	0.65	9.65
0912 <sup>UB</sup>								
Final Sample Data:		<del>7.02</del> <sup>7.02<sup>UB</sup></sup>	63.2	5725	15.2	0.11	0.65	9.65

Sample ID(s): AMSF-MW26-W-063015

Sample Time: 0915

Sampler(s): L. Best, A. Glose

- Analyses:
- |   |                          |                          |
|---|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> VOCs        | Dup?                     | MS/MSD?                  |
| <input checked="" type="checkbox"/> 1,4-Dioxane | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> SVOCs                  | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> PCBs                   | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Pesticides             | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> TAL Metals             | <input type="checkbox"/> | <input type="checkbox"/> |

Equipment: new YSI FAU2020

Comments: clear, no odor



61 Commercial Street  
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**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF

Well ID: MW-29

Depth to Water: 11.92 ft TOIC w/ pump 11.93

Date: 6/29/15

Total Well Depth: 27.65 ft TOIC

Purge Start Time: 1355

Depth to Pump: ~25 ft TOIC

Purge End Time: 1430

Initial Pump Rate: 300 mL/min

Pump Type: bladder

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 2.5 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1356	0.0	7.81	38.7	1.96	16.8	5.81	57.0	11.93
1401	0.4	7.36	27.7	2.45	15.0	5.11	29.4	11.93
1406	0.8	7.34	28.2	2.45	15.2	5.05	10.08	11.93
1411	1.2	7.33	28.4	2.46	15.3	4.90	4.96	11.93
1416	1.6	7.33	29.0	2.47	15.4	4.96	4.74	11.93
1421	1.9	7.32	30.7	2.47	15.3	4.95	2.44	11.93
1426	2.2	7.32	31.6	2.47	15.3	4.98	2.24	11.93
<b>Final Sample Data:</b>		7.32	31.6	2.47	15.3	4.98	2.24	11.93

Sample ID(s): AMSF-MW29-W-062915

Sampler(s): LB/AG

Sample Time: 12 1430

Analyses:

- |   |                          |                          |
|---|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> VOCs        | Dup?                     | MS/MSD?                  |
| <input checked="" type="checkbox"/> 1,4-Dioxane | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> SVOCs                  | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> PCBs                   | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Pesticides             | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> TAL Metals             | <input type="checkbox"/> | <input type="checkbox"/> |

Equipment: \_\_\_\_\_

Comments: clear, dark<sup>+</sup> light colored suspended solids

no odor



61 Commercial Street  
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(585) 475-1440

Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: MW-31

Depth to Water: 10.00 ft TOIC 10.01 w/pump

Date: 6/29/2015

Total Well Depth: 27.30 ft TOIC

Purge Start Time: 1115

Depth to Pump: ~25 ft TOIC

Purge End Time: 1202

Initial Pump Rate: 250 mL/min

Pump Type: bladder

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well Volume: 2.8 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1117	0.0	7.47	-110.6	3.31	16.5	1.70	37.8	10.02
1122	0.4	7.17	-97.6	3.65	15.5	0.36	37.7	10.02
1127	0.7	7.15	-97.0	3.64	15.4	0.01	17.5	10.02
1132	1.0	7.14	-98.2	3.63	15.4	0.01	11.7	10.02
1137	1.3	7.14	-99.7	3.63	15.3	0.26	6.38	10.02
1142	1.6	7.14	-101.7	3.62	15.3	0.17	4.86	10.02
1147	1.9	7.14	-102.4	3.62	15.3	0.16	4.14	10.02
1152	2.1	7.14	-103.5	3.62	15.3	0.14	3.30	10.02
1157	2.4	7.15	-104.4	3.62	15.3	0.13	1.78	10.02
1202	2.7	7.15	-105.2	3.62	15.3	0.14	1.63	10.02
Final Sample Data:		7.15	-105.2	3.62	15.3	0.14	1.63	10.02

Sample ID(s): AMSF-MW31-W-062915 / AMSF-DUP-W-062915

Sample Time: 1205 / 1210

Sampler(s): LB/AG

Analyses:

- VOCs
- 1,4-Dioxane
- SVOCs
- PCBs
- Pesticides
- TAL Metals

- |                                     |                          |
|-------------------------------------|--------------------------|
| Dup?                                | MS/MSD?                  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/>            | <input type="checkbox"/> |
| <input type="checkbox"/>            | <input type="checkbox"/> |
| <input type="checkbox"/>            | <input type="checkbox"/> |

Equipment: \_\_\_\_\_

Comments: sulfur odor, slightly cloudy



61 Commercial Street  
 Rochester, NY 14614  
 (585) 475-1440

**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF Well ID: AMSF-MW-32  
 Depth to Water: 11.5 ft TOIC *w/pump 11.51* Date: 6/26/15  
 Total Well Depth: 22 ft TOIC Purge Start Time: 1358  
 Depth to Pump: ~20 ft TOIC Purge End Time: 1440  
 Initial Pump Rate: 290 mL/min Pump Type: bladder  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes Well Diameter: 2 inches  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes Well Volume: 1.71 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1400	0	7.30	11.6	5.65	17.4	0.90	71.5	11.51
1405	0.5	7.10	-5.3	5.92	16.6	0.32	98.3	11.51
1410	0.8	7.09	-12.7	5.92	16.5	0.32	99.3	11.51
1415	1.25	7.11	-15.9	5.70	16.4	0.64	59.5	11.51
1420	1.6	7.12	-17.8	5.63	16.4	0.20	46.7	11.51
1425	1.85	7.12	-18.9	5.61	16.5	0.25	25.2	11.51
1430	2.25	7.11	-17.9	5.60	16.5	0.60	18.3	11.51
1435	2.5	7.11	-18.3	5.59	16.5	0.59	12.4	11.51
1440	2.95	7.11	-17.4	5.59	16.4	0.55	10.19	11.52
<b>Final Sample Data:</b>		7.11	-17.4	5.59	16.4	0.55	10.19	11.52

Sample ID(s): AMSF-MW-32-W-062615 Sampler(s): H6/A6  
 Sample Time: 1445 YSI = FA00977 bladder = FA01196  
 Equipment: LaMotte = FA00413 WL = FA00775  
Compressor = FA02121  
 Comments: slightly cloudy, no odor





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(585) 475-1440

**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF Well ID: AMSF-MW-33  
 Depth to Water: 9.96 ft TOIC w/pump 9.97 Date: 6/26/2015  
 Total Well Depth: 23.95 ft TOIC Purge Start Time: 1512  
 Depth to Pump: ~21 ft TOIC Purge End Time: 1611  
 Initial Pump Rate: 100 mL/min Pump Type: bladder  
 adjusted to: 190 mL/min at 1549 minutes Well Diameter: 2 inches  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes Well Volume: 2.28 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1516	0	7.40	-121.7	3.24	19.7	1.20	1758 AU	9.99
1521	0.25	7.30	-119.8	3.22	18.8	0.25	over range	9.99
1526	0.4	7.29	-118.2	3.20	19.0	0.18	over range	9.99
1531	0.5	7.26	-113.5	3.19	18.5	0.19	3447 AU	9.99
1536	0.6	7.25	-109.1	3.17	18.5	0.28	1689 AU	9.99
1541	0.7	7.23	-106.2	3.17	18.2	0.20	989 AU	9.99
1546	0.8	7.24	-105.1	3.16	18.6	0.19	173 NTU	9.99
1551	1.0	7.27	-104.3	3.17	15.8	0.05	190	9.99
1556	1.25	7.28	-105.8	3.17	15.3	0.05	125	9.99
1601	1.5	7.29	-107.2	3.17	15.2	0.06	80.7	9.99
1606	1.75	7.29	-108.7	3.18	15.3	0.05	55	9.99
1611	1.9	7.28	-109.8	3.17	15.2	0.05	41.1	9.99
<b>Final Sample Data:</b>		7.28	-109.8	3.17	15.2	0.05	41.1	9.99

Sample ID(s): AMSF-MW-33-W-062615

Sample Time: 1615

Sampler(s): H6/A6

Analyses:

- |   |                          |                          |
|---|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> VOCs        | Dup?                     | MS/MSD?                  |
| <input checked="" type="checkbox"/> 1,4-Dioxane | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> SVOCs                  | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> PCBs                   | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Pesticides             | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> TAL Metals             | <input type="checkbox"/> | <input type="checkbox"/> |

Equipment: bladder-FA01196, YSI-17009 FT, WL-PROOF75

LaMotte-FA00413, compressor-FA02121

Comments: cloudy, no odor



61 Commercial Street  
 Rochester, NY 14614  
 (585) 475-1440

Monitoring Well Purging and Sampling Record

Site Name: Former AMSF  
 Depth to Water: 11.13 ft TOIC 11.14 w/pump  
 Total Well Depth: 82.04 ft TOIC  
 Depth to Pump: ~30 ft TOIC  
 Initial Pump Rate: ~300 mL/min  
 adjusted to: ~220 mL/min at 1258 minutes  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

AMSF-  
 Well ID: MW-34  
 Date: 6/29/15  
 Purge Start Time: 1253  
 Purge End Time: 1325  
 Pump Type: bladder  
 Well Diameter: 2 inches  
 Well Volume: 3.3 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1255	—	7.51	-43.3	3.77	14.3	1.90	1040 AU	11.14
1300	0.4	7.31	-35.1	3.48	14.0	0.02	82.1	11.14
1305	0.8	7.30	-40.9	3.42	14.1	0.01	58.4	11.14
1310	1.2	7.34	-55.0	3.29	14.2	0.02	33.1	11.14
1315	1.4	7.35	-63.0	3.23	13.9	2.12	20.4	11.14
1320	1.6	7.34	-63.7	3.21	14.0	2.22	11.2	11.14
1325	1.9	7.33	-61.4	3.21	13.9	<del>2.31</del> 2.27	10.06	11.14
<del>1330 LB</del>								
Final Sample Data:		7.33	-61.4	3.21	13.9	2.27	10.06	11.14

Sample ID(s): AMSF-MW34-W-062915  
 Sample Time: #LB 1340

Sampler(s): L. Best / A. Glose

- Analyses:
- |   |                          |                          |
|---|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> VOCs        | Dup?                     | MS/MSD?                  |
| <input checked="" type="checkbox"/> 1,4-Dioxane | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> SVOCs                  | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> PCBs                   | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Pesticides             | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> TAL Metals             | <input type="checkbox"/> | <input type="checkbox"/> |

Equipment: \_\_\_\_\_

Comments: orange-brown, cloudy @ start ;  
clearing up (light orange tinge) @ 1300

# Well Survey and Water Level Summary

Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)

12 Pixley Industrial Parkway, Gates, New York

Well ID	Well Type	Water level measurements									
		June 17, 2013		September 24, 2013		May 12, 2014		June 25, 2015		August 17, 2015	
		Depth to water (ft below TIC)*	Water Elevation (ft AMSL)	Depth to water (ft below TIC)*	Water Elevation (ft AMSL)	Depth to water (ft below TIC)*	Water Elevation (ft AMSL)	Depth to water (ft below TIC)*	Water Elevation (ft AMSL)	Depth to water (ft below TIC)*	Water Elevation (ft AMSL)
AMSF-MW-1D	Deep	25.40	539.02	31.78	532.64	27.31	537.11	22.55	541.87	22.00	564.42
AMSF-MW-1S	Shallow	9.44	556.59	13.37	552.66	10.30	555.73	11.34	554.69	12.68	566.03
AMSF-MW-3D	Deep	14.52	546.41	17.16	543.77	15.08	545.85	15.77	545.16	16.33	560.93
AMSF-MW-3S	Shallow	4.61	556.48	8.35	552.74	5.44	555.65	6.56	554.53	7.61	561.09
AMSF-MW-4	Shallow	6.97	556.98	10.88	553.07	8.21	555.74	9.10	554.85	10.35	563.95
AMSF-MW-5D	Deep	23.62	547.38	26.60	544.40	24.34	546.66	25.12	545.88	25.80	571.00
AMSF-MW-5S	Shallow	-	-	-	-	-	-	-	-	-	-
AMSF-MW-7	Shallow	7.45	556.59	11.31	552.73	8.31	555.73	9.27	554.77	10.66	564.04
AMSF-MW-8D	Deep	17.00	545.30	18.32	543.98	16.45	545.85	16.65	545.65	17.61	562.30
AMSF-MW-8S	Shallow	3.86	558.46	6.97	555.35	4.67	557.65	5.58	556.74	6.63	562.32
AMSF-MW-9S	Shallow	8.90	556.13	12.22	552.81	9.38	555.65	10.30	554.73	11.68	565.03
AMSF-MW-10	Shallow	4.21	556.92	7.46	553.67	5.33	555.80	6.10	555.03	6.92	561.13
AMSF-MW-11S	Shallow	6.70	556.54	10.70	552.54	7.59	555.65	8.54	554.70	9.98	563.24
AMSF-MW-12S	Shallow	7.05	556.52	11.00	552.57	7.88	555.69	8.94	554.63	10.35	563.57
AMSF-MW-13S	Shallow	7.52	556.55	11.49	552.58	8.42	555.65	9.38	554.69	10.63	564.07
AMSF-MW-15I	Intermediate	6.79	556.04	10.70	552.13	7.45	555.38	8.65	554.18	9.75	562.83
AMSF-MW-16I	Intermediate	8.19	556.07	12.12	552.14	8.84	555.42	10.07	554.19	11.20	564.26

L. Best  
C. Yarrington

0730 - 11:15

ECO-Rental  
FA01788

no plug or outer casing



## Well Survey and Water Level Summary

Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)  
12 Pixley Industrial Parkway, Gates, New York

Well ID	Well Type	Water level measurements									
		June 17, 2013		September 24, 2013		May 12, 2014		June 25, 2015		August 17, 2015	
		Depth to water (ft below TIC)*	Water Elevation (ft AMSL)	Depth to water (ft below TIC)*	Water Elevation (ft AMSL)	Depth to water (ft below TIC)*	Water Elevation (ft AMSL)	Depth to water (ft below TIC)*	Water Elevation (ft AMSL)	Depth to water (ft below TIC)*	Water Elevation (ft AMSL)
AMSF-MW-20	Shallow	9.48	556.23	13.52	552.19	10.29	555.42	11.45	554.26	12.64	565.71
AMSF-MW-21	Shallow	9.34	556.27	13.45	552.16	10.14	555.47	11.54	554.07	12.52	565.61
AMSF-MW-22	Shallow	9.26	556.33	13.32	552.27	10.09	555.50	11.22	554.37	12.26	565.59
AMSF-MW-23	Shallow	9.35	556.38	13.40	552.33	10.16	555.57	11.27	554.46	12.50	565.73
AMSF-MW-24	Overburden	5.70	557.37	dry		dry		dry		dry	
AMSF-MW-25	Shallow	9.41	556.36	13.38	552.39	10.23	555.54	11.30	554.47	12.50	565.77
AMSF-MW-26	Shallow	9.44	556.14	12.13	553.45	9.83	555.75	10.65	554.93	11.50	565.58
AMSF-MW-27	Shallow	9.18	556.53	12.64	553.07	10.10	555.61	10.95	554.76	11.18	565.71
AMSF-MW-28	Shallow	7.07	556.39	11.19	552.27	7.89	555.57	9.03	554.43	10.23	563.46
AMSF-MW-29	Shallow	11.20	556.29	15.26	552.23	11.98	555.51	13.21	554.28	14.38	567.49
AMSF-MW-30	Shallow	16.30	556.34	20.37	552.27	17.11	555.53	18.29	554.35	19.58	572.64
AMSF-MW-31	Shallow	9.08	556.61	12.93	552.76	10.02	555.67	10.99	554.70	12.38	565.69
AMSF-MW-32	Shallow	-	-	-	-	10.12	555.63	11.12	554.63	12.49	565.75
AMSF-MW-33	Shallow	-	-	-	-	8.64	555.68	9.60	554.72	11.00	564.32
AMSF-MW-34	Shallow	-	-	-	-	-	-	12.43	554.13	13.59	566.56

## Well Survey and Water Level Summary

Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)

12 Pixley Industrial Parkway, Gates, New York

Well ID	Well Type	Water level measurements									
		June 17, 2013		September 24, 2013		May 12, 2014		June 25, 2015		August 17, 2015	
		Depth to water (ft below TIC)*	Water Elevation (ft AMSL)	Depth to water (ft below TIC)*	Water Elevation (ft AMSL)	Depth to water (ft below TIC)*	Water Elevation (ft AMSL)	Depth to water (ft below TIC)*	Water Elevation (ft AMSL)	Depth to water (ft below TIC)*	Water Elevation (ft AMSL)
RW-1	Recharge	1.49	556.90	4.33	554.06	-	-	1.85	556.54	3.60	558.39
RW-2	Recharge	0.92	562.35	2.30	560.97	7.60	555.67	8.59 <sup>i</sup>	See note 1 below	4.43	563.27
RW-3	Recharge	3.50	561.67	4.07	561.10	3.72	561.45	flooded <sup>2</sup>		4.10	565.17
RW-4	Recharge	4.61	561.75	5.65	560.71	5.10	561.26	flooded <sup>2</sup>		4.94	566.36
RW-5	Recharge	9.85	556.22	11.30	554.77	5.62	560.45	11.23	554.84	11.32	566.07
RW-6	Recharge	-	-	-	-	-	-	12.35	554.14	13.53	566.49
ITT-DBW-2	Deep	-	-	-	-	-	-	65.08	499.94	62.30	565.02
ITT-DBW-5	Deep	-	-	-	-	-	-	10.98	553.50	12.22	564.48
ITT-DBW-8	Deep	-	-	-	-	-	-	9.40	553.71	9.32	563.11
ITT-IBW-19	Intermediate	-	-	-	-	-	-	18.10	554.14	19.22	572.24
ITT-IBW-20	Intermediate	-	-	-	-	-	-	10.59	554.18	11.76	564.77
ITT-MW-1	Overburden	-	-	-	-	-	-	5.07	555.64	5.94	560.71
ITT-MW-4	Overburden	-	-	-	-	-	-	dry		dry	563.36

cinemark

11



# Well Survey and Water Level Summary

Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)  
 12 Pixley Industrial Parkway, Gates, New York

Well ID	Well Type	Water level measurements									
		June 17, 2013		September 24, 2013		May 12, 2014		June 25, 2015		August 17, 2015	
		Depth to water (ft below TIC)*	Water Elevation (ft AMSL)	Depth to water (ft below TIC)*	Water Elevation (ft AMSL)	Depth to water (ft below TIC)*	Water Elevation (ft AMSL)	Depth to water (ft below TIC)*	Water Elevation (ft AMSL)	Depth to water (ft below TIC)*	Water Elevation (ft AMSL)
ITT-SBW-1A	Shallow	-	-	-	-	-	-	9.45	554.74	10.89	564.19
ITT-SBW-2	Shallow	-	-	-	-	-	-	10.20	554.76	11.67	564.96
ITT-SBW-4	Shallow	-	-	-	-	-	-	4.77	555.82	5.70	560.59
ITT-SBW-5A	Shallow	-	-	-	-	-	-	9.46	554.93	10.91	564.39
ITT-SBW-6	Shallow	-	-	-	-	-	-	9.00	554.74	10.46	563.74
ITT-SBW-7	Shallow	-	-	-	-	-	-	9.32	554.84	<del>9.97</del> 10.77	564.16
ITT-SBW-8	Shallow	-	-	-	-	-	-	7.12	555.32	7.97	562.44
ITT-SBW-9	Shallow	-	-	-	-	-	-	10.08	554.77	11.56	564.85
ITT-SBW-10	Shallow	-	-	-	-	-	-	9.62	555.03	11.09	564.65
ITT-SBW-11	Shallow	-	-	-	-	-	-	8.09	556.51	10.04	564.60
ITT-SBW-12	Shallow	-	-	-	-	-	-	8.94	<del>555.43</del>	9.90	564.37
ITT-SBW-13	Shallow	-	-	-	-	-	-	17.32	554.67	18.67	571.99
ITT-SBW-14	Shallow	-	-	-	-	-	-	16.61	554.64	18.02	571.25
ITT-SBW-15	Shallow	-	-	-	-	-	-	18.75	554.38	20.03	573.13
ITT-SBW-16	Shallow	-	-	-	-	-	-	16.91	554.83	18.35	571.74
ITT-SBW-17	Shallow	-	-	-	-	-	-	11.26	556.97	12.18	568.23
ITT-SBW-18	Shallow	-	-	-	-	-	-	14.42	555.14	15.60	569.56
ITT-SBW-23	Shallow	-	-	-	-	-	-	9.02	554.71	<del>12.22</del>	563.73

remark

~~11.04~~  
10.23





61 Commercial Street  
 Rochester, NY 14614  
 (585) 475-1440

**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF  
 Depth to Water: 12.88 ft TOIC  
 Total Well Depth: 25.02 ft TOIC  
 Depth to Pump: ~23 ft TOIC  
 Initial Pump Rate: 180 mL/min  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_

Well ID: AMSF-MW-15a  
 Date: 8.18.15  
 Purge Start Time: 1057  
 Purge End Time: 1143  
 Pump Type: Welder  
 Well Diameter: 2 inches  
 Well Volume: 1.9 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1058	—	7.31	-27.3	2.96	18.6	1.39	1510 AU	12.91
1103	0.1	7.21	-42.4	3.23	15.4	0.34	1208 AU	12.91
1108	0.4	7.17	-44.3	3.25	15.1	0.29	796 AU	12.91
1113	0.6	7.15	-40.0	3.23	15.2	0.23	1153 AU	12.91
1118	0.9	7.13	-39.3	3.19	15.4	0.20	1075 AU	12.91
1123	1.2	7.17	-43.0	3.20	15.2	0.18	108 AU	12.91
1128	1.3	7.19	-47.1	3.20	15.2	0.15	91.2	12.91
1133	1.4	7.19	-48.8	3.20	15.4	0.16	70.3	12.91
1138	1.5	7.19	-49.1	3.22	15.1	0.14	47.5	12.91
1143	1.7	7.20	-50.1	3.21	15.2	0.15	41.9	12.91
(4) <del>2.0</del>	<del>7.20</del>	<del>-50.0</del>	<del>3.21</del>	<del>15.2</del>	<del>0.14</del>	<del>41.9</del>	<del>12.91</del>	
<b>Final Sample Data:</b>		7.20	-50.1	3.21	15.2	0.15	41.9	12.91

Sample ID(s): AMSF-MW-15-U-081815  
 Sample Time: 1145

Sampler(s): W & LS

- |   |                          |                          |
|---|--------------------------|--------------------------|
| Analyses:                                       | Dup?                     | MS/MSD?                  |
| <input checked="" type="checkbox"/> VOCs        | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> 1,4-Dioxane | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> SVOCs                  | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> PCBs                   | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Pesticides             | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> TAL Metals             | <input type="checkbox"/> | <input type="checkbox"/> |

Equipment: SAA

Comments: Very turbid for start. Slight sulfurous odor.



61 Commercial Street  
 Rochester, NY 14614  
 (585) 475-1440

Monitoring Well Purging and Sampling Record

Site Name: Former AMSF  
 Depth to Water: 10.90 ft TOIC  
 Total Well Depth: 25.25 ft TOIC  
 Depth to Pump: ~23 ft TOIC  
 Initial Pump Rate: ~250 mL/min  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well ID: AMSF-MW-7  
 Date: 8/18/15  
 Purge Start Time: 0955  
 Purge End Time: 1030  
 Pump Type: bladder  
 Well Diameter: 2 inches  
 Well Volume: 2.3 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
0955	—	7.31	-75.9	3.26	16.3	1.11	2347AV	10.92
1000	0.3	7.32	-86.9	3.27	14.6	0.27	1013AV	10.93
1005	0.6	7.27	-75.9	3.07	14.0	0.35	24.8	10.93
1010	0.9	7.23	-73.9	3.06	14.0	0.30	16.2	10.92
1015	1.5	7.21	-73.3	3.06	14.0	0.29	13.6	10.92
1020	2.0	7.22	-73.8	3.06	14.1	0.24	11.0	10.92
1025	2.2	7.23	-73.2	3.06	14.1	0.23	10.06	10.92
1030	2.3	7.24	-73.2	3.07	14.0	0.23	8.61	10.92
<b>Final Sample Data:</b>		7.24	-73.2	3.07	14.0	0.23	8.61	10.92

Sample ID(s): AMSF-MW-7-W-081815

Sample Time: 1035

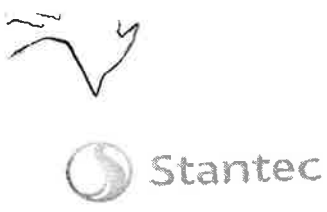
Sampler(s): LB, CY

- |   |                          |                          |
|---|--------------------------|--------------------------|
| Analyses:                                       | Dup?                     | MS/MSD?                  |
| <input checked="" type="checkbox"/> VOCs        | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> 1,4-Dioxane | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> SVOCs                  | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> PCBs                   | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Pesticides             | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> TAL Metals             | <input type="checkbox"/> | <input type="checkbox"/> |

Equipment: see purge form for AMSF-MW-7E

Comments: clear, no odor, few light-colored (white-gray) ~~dissolved~~ suspended particles





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**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF  
 Depth to Water: 11.86 ft TOIC  
 Total Well Depth: 25.10 ft TOIC  
 Depth to Pump: ~23 ft TOIC  
 Initial Pump Rate: 180 mL/min  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_

Well ID: AMSF-MW-9s  
 Date: 8/18/15  
 Purge Start Time: 1221  
 Purge End Time: 1252  
 Pump Type: bladder  
 Well Diameter: 2 inches  
 Well Volume: 2.1 <sup>LB</sup> gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1222	—	7.28	44.8	5.10	20.5	1.42	50.5	10.89
1227	0.1	7.15	40.2	5.22	17.6	0.48	45.8	10.89
1232	0.3	7.16	38.2	5.21	17.4	0.34	46.7	10.89
1237	0.6	7.13	37.7	5.15	17.2	0.32	16.8	10.89
1242	0.8	7.11	37.5	5.10	17.0	0.31	6.17	11.89
1247	1.1	7.11	38.0	5.03	17.1	0.30	4.16	11.89
1252	1.3	7.11	36.3	4.98	16.9	0.31	1.32	11.89
Final Sample Data:		7.11	36.3	4.98	16.9	0.31	1.32	11.89

Sample ID(s): AMSF-MW-9s-W-081815 (MS/MSD)  
 Sample Time: 1300

Sampler(s): UB, CY

- Analyses:
- VOCs
  - 1,4-Dioxane
  - SVOCs
  - PCBs
  - Pesticides
  - TAL Metals

- Dup?
- MS/MSD?
- 
- 
- 
- 

Equipment: see purge form for AMSF-MW-16I

Comments: clear, no odor



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**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF  
 Depth to Water: 10.94 ft TOIC  
 Total Well Depth: 23.3 ft TOIC  
 Depth to Pump: ~21 ft TOIC  
 Initial Pump Rate: 280 mL/min  
 adjusted to: 160 mL/min at 0855 minutes  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well ID: AMSF-MW-135  
 Date: 8/18/15  
 Purge Start Time: 0845  
 Purge End Time: 0930  
 Pump Type: bladder  
 Well Diameter: 4 inches  
 Well Volume: 8.1 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
0845	—	7.43	-122.5	2.85	15.1	2.45	18.30	10.97
0850		7.24	-134.4	3.11	14.8	0.78	11.30	10.95
0855		7.23	-138.5	3.17	15.3	0.53	6.57	10.93
0900		7.22	-138.4	3.16	15.2	0.45	5.07	10.93
0905		7.21	-138.1	3.21	15.2	0.35	3.03	10.93
0910		7.21	-138.8	3.18	15.0	0.30	2.05	10.93
0915		7.20	-137.6	3.21	15.1	0.23	1.93	10.93
0920		7.20	-137.1	3.23	15.1	0.18	1.54	10.93
0925		7.21	-137.7	3.20	15.0	0.18	1.25	10.93
0930		7.20	-136.6	3.20	15.0	0.17	1.04	10.93
<b>Final Sample Data:</b>		7.20	-136.6	3.20	15.0	0.17	1.04	10.93

Sample ID(s): AMSF-MW-135-W-081815  
 Sample Time: 0930

Sampler(s): L. Best, C. Yarrington

- Analyses:
- |   |                          |                          |
|---|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> VOCs        | Dup?                     | MS/MSD?                  |
| <input checked="" type="checkbox"/> 1,4-Dioxane | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> SVOCs                  | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> PCBs                   | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Pesticides             | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> TAL Metals             | <input type="checkbox"/> | <input type="checkbox"/> |

Equipment: Same as MW-16I

Comments: Clear w/ light colored suspended particles; slight sulfurous odor



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Monitoring Well Purging and Sampling Record

Site Name: Former AMSF  
 Depth to Water: 11.42 ft TOIC  
 Total Well Depth: 44.2 ft TOIC  
 Depth to Pump: ~42 ft TOIC  
 Initial Pump Rate: ~230 mL/min  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ minutes

Well ID: AMSF-MW-16I  
 Date: 8/18/15  
 Purge Start Time: 0740  
 Purge End Time: 0815  
 Pump Type: bladder  
 Well Diameter: 2 inches  
 Well Volume: 5.2 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
0740	—	7.38	-127.1	4.29	15.0	3.82	8.68	11.43
0745	0.3	6.96	-161.3	6.52	14.1	0.44	2.35	11.45
0750	0.6	7.01	-162.6	6.79	13.9	0.36	1.12	11.45
0755	0.9	7.04	-162.8	6.79	13.8	0.28	0.75	11.43
0800	1.2	7.04	-164.9	6.81	13.8	0.21	1.14	11.43
0805	1.5	7.05	-166.0	6.80	13.7	0.18	0.44	11.43
0810	1.8	7.05	-167.4	6.80	13.7	0.17	0.51	11.43
0815	2.1	7.05	-167.8	6.80	13.6	0.17	0.43	11.43
Final Sample Data:		7.05	-167.8	6.80	13.6	0.17	0.43	11.43

Sample ID(s): AMSF-MW-16I-W-081815  
 Sample Time: 0820

Sampler(s): L. Best, C. Yarrington  
YSI FA00373 Lamotte FA02122  
 Equipment: WLM FA01788 Bladder FA02073

- Analyses:
- |   |                          |                          |
|---|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> VOCs        | Dup?                     | MS/MSD?                  |
| <input checked="" type="checkbox"/> 1,4-Dioxane | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> SVOCs                  | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> PCBs                   | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Pesticides             | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> TAL Metals             | <input type="checkbox"/> | <input type="checkbox"/> |

bladder FA01880 Compressor FA01145  
 Comments: clear, slight sulfur odor



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**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF

Well ID: AMSF-MW-20

Depth to Water: 12.99 ft TOIC

Date: 8/19/15

Total Well Depth: 24.21 ft TOIC

Purge Start Time: 1025

Depth to Pump: ~22 ft TOIC

Purge End Time: 1125

Initial Pump Rate: ~220 mL/min

Pump Type: bladder

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_

Well Volume: 1.8 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
10:25	←	7.56	48.2	3.10	18.0	3.79	759 AV	13.00
10:30	0.4	7.59	37.3	3.05	16.7	6.59	713 AV	13.00
10:35	0.8	7.67	32.8	3.03	16.6	7.32	606 AV	13.00
10:40	1.1	7.68	32.4	3.05	16.6	7.60	152	13.00
10:45	1.3	7.68	31.9	3.07	16.5	7.41	153	13.00
10:50	1.6	7.65	32.5	3.10	16.6	7.20	118	13.00
10:55	1.9	7.65	32.9	3.13	16.6	7.15	83.7	13.00
11:00	2.2	7.65	33.6	3.15	16.6	7.27	65.0	13.00
11:05	2.4	7.58	44.7	3.16	16.5	7.66	55.5	13.00
11:10	2.7	7.58	58.1	3.17	16.6	7.65	49.1	13.00
11:15	3.0	7.60	60.1	3.17	16.6	7.51	33.1	13.00
11:20	3.2	7.59	64.6	3.18	16.5	7.64	26.0	13.00
<b>Final Sample Data:</b>		7.59	64.6	3.18	16.5	7.64	26.0	13.00

Sample ID(s): AMSF-MW-20-W-081915

Sampler(s): UB, CY

Sample Time: 1125

Equipment: see purge form for AMSF-MW-16E

- |   |                          |                          |
|---|--------------------------|--------------------------|
| Analyses:                                       | Dup?                     | MS/MSD?                  |
| <input checked="" type="checkbox"/> VOCs        | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> 1,4-Dioxane | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> SVOCs                  | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> PCBs                   | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Pesticides             | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> TAL Metals             | <input type="checkbox"/> | <input type="checkbox"/> |

Comments: clear (slightly cloudy),  
no odor



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### Monitoring Well Purging and Sampling Record

Site Name: Former AMSF  
 Depth to Water: 12.87 ft TOIC  
 Total Well Depth: 22.22 ft TOIC  
 Depth to Pump: ~21' ft TOIC  
 Initial Pump Rate: 380 mL/min  
     adjusted to: 300 mL/min at 0941  
     adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_

Well ID: AMSF-MW-21  
 Date: 8.19.15  
 Purge Start Time: 0938  
 Purge End Time: 1000  
 Pump Type: Bladder  
 Well Diameter: 2 inches  
 Well Volume: 1.5 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
0938	—	8.03	38.0	2.16	17.6	5.27	1896 AU	12.87
0943	0.4	7.95	16.4	2.16	16.2	4.41	128	12.87
0948	0.8	7.92	15.9	2.14	16.2	4.37	108.8	12.87
0953	1.2	7.87	16.7	2.14	16.1	4.24	74.4	12.87
0958	1.4	7.81	15.4	2.13	16.1	4.12	49.0	12.87
<del>1003</del>								
Final Sample Data:		7.81	15.4	2.13	16.1	4.12	49.0	12.87

Sample ID(s): AMSF-MW-21-W-08915  
 Sample Time: 1000

Sampler(s): 1M & 1B

- |   |                          |                          |
|---|--------------------------|--------------------------|
| Analyses:                                       | Dup?                     | MS/MSD?                  |
| <input checked="" type="checkbox"/> VOCs        | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> 1,4-Dioxane | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> SVOCs                  | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> PCBs                   | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Pesticides             | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> TAL Metals             | <input type="checkbox"/> | <input type="checkbox"/> |

Equipment: SAA

Comments: Clear, no odor



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**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF

Well ID: AMSF-MW-22

Depth to Water: 12.82 ft TOIC

Date: 8.19.15

Total Well Depth: 23.10 ft TOIC

Purge Start Time: 1236

Depth to Pump: 22' ft TOIC

Purge End Time: 1301

Initial Pump Rate: 1700 mL/min

Pump Type: Bladder

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_

Well Volume: 1.6 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1236	—	7.20	105.6	3.24	17.6	2.61	91.7	12.85
1241	0.4	7.06	77.0	3.24	15.6	0.94	48.4	12.85
1246	0.7	7.03	72.9	3.26	15.7	0.88	40.9	12.85
1251	1.0	7.02	69.2	3.26	15.6	0.74	28.1	12.85
1256	1.4	7.03	66.1	3.25	15.6	0.77	22.3	12.85
1301	1.8	7.03	65.7	3.25	15.6	0.80	20.5	12.85
<b>Final Sample Data:</b>		7.03	69.7	3.25	15.6	0.80	20.5	12.85

Sample ID(s): AMSF-MW-22-W-081915

Sample Time: 1305

Sampler(s): 4 & 6B

- |   |                          |                          |
|---|--------------------------|--------------------------|
| <u>Analyses:</u>                                | <u>Dup?</u>              | <u>MS/MSD?</u>           |
| <input checked="" type="checkbox"/> VOCs        | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> 1,4-Dioxane | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> SVOCs                  | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> PCBs                   | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Pesticides             | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> TAL Metals             | <input type="checkbox"/> | <input type="checkbox"/> |

Equipment: SAA

Comments: clear; no odor



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**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF

Well ID: AMSF-MW-23

Depth to Water: 12.90 ft TOIC

Date: 8/19/15

Total Well Depth: 24.50 ft TOIC

Purge Start Time: 1145

Depth to Pump: ~22 ft TOIC

Purge End Time: 1210

Initial Pump Rate: ~300 mL/min

Pump Type: bladder

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_

Well Volume: 1.9 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1145	—	7.20	81.1	2.28	17.6	1.77	24.8	12.90
1150	0.4	7.17	64.4	2.36	16.7	1.23	10.56	12.90
1155	0.8	7.16	59.8	2.39	16.6	1.28	2.31	12.90
1200	1.2	7.15	57.0	2.40	16.6	1.18	1.61	12.90
1205	1.6	7.15	54.4	2.40	16.6	1.16	1.36	12.90
1210	2.0	7.15	51.9	2.40	16.6	1.14	0.84	12.90
Final Sample Data:		7.15	51.9	2.40	16.6	1.14	0.84	12.90

Sample ID(s): AMSF-MW-23-W-081915

Sample Time: 1215

Sampler(s): LB, CY

- Analyses:
- VOCs
  - 1,4-Dioxane
  - SVOCs
  - PCBs
  - Pesticides
  - TAL Metals
- Dup?  MS/MSD?

Equipment: see purge form for AMSF-MW-16I

Comments: clear, no odor



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**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF

Well ID: AMSF-MW-26

Depth to Water: 12.06 ft TOIC

Date: 8-20-15

Total Well Depth: 24.71 ft TOIC

Purge Start Time: 0743

Depth to Pump: ~23' ft TOIC

Purge End Time: 0813

Initial Pump Rate: 300 mL/min

Pump Type: Bladder

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_

Well Volume: 2.0 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
0743	—	6.95	131.5	3.32	15.9	1.23	15.1	12.03
0748	0.2	7.23	101.6	3.62	14.6	0.31	7.1	12.03
0753	0.8	7.26	95.5	3.68	14.5	0.30	2.95	12.03
0758	1.2	7.29	88.7	3.67	14.5	0.25	1.43	12.03
0803	1.6	7.30	83.4	3.66	14.5	0.20	1.33	12.03
0808	1.9	7.31	79.1	3.66	14.5	0.19	0.89	12.03
0813	2.3	7.32	74.8	3.65	14.5	0.18	0.99	12.03
<b>Final Sample Data:</b>		7.32	74.8	3.65	14.5	0.18	0.99	12.03

Sample ID(s): AMSF-MW-26-W-082015

Sampler(s): W & LB

Sample Time: 0815

Equipment: SAA

- |   |                          |                          |
|---|--------------------------|--------------------------|
| Analyses:                                       | Dup?                     | MS/MSD?                  |
| <input checked="" type="checkbox"/> VOCs        | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> 1,4-Dioxane | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> SVOCs                  | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> PCBs                   | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Pesticides             | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> TAL Metals             | <input type="checkbox"/> | <input type="checkbox"/> |

Comments: Clear w/ light colored suspended solids; no odor





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**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF

Well ID: AMSF-MW-29

Depth to Water: 14.71 ft TOIC

Date: 8/19/15

Total Well Depth: 27.65 ft TOIC

Purge Start Time: 0835

Depth to Pump: ~25 ft TOIC

Purge End Time: 0905

Initial Pump Rate: ~300 mL/min

Pump Type: bladder

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_

Well Volume: 2.1 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
0835	—	7.32	45.1	2.37	16.6	3.66	660AD	14.72
0840	0.7	7.11	47.5	3.00	15.4	2.32	81.4	14.72
0845	1.2	7.10	44.2	2.98	15.4	2.09	29.1	14.72
0850	1.6	7.06	43.5	3.05	15.3	1.88	20.4	14.72
0855	1.9	7.07	42.5	3.08	15.3	1.84	10.03	14.72
0900	2.3	7.07	42.3	3.09	15.3	1.84	7.03	14.72
<b>Final Sample Data:</b>		7.07	42.3	3.09	15.3	1.84	7.03	14.72

Sample ID(s): AMSF-MW-29-W-081915

Sample Time: 0905

Sampler(s): UB, CY

- Analyses:
- VOCs
  - 1,4-Dioxane
  - SVOCs
  - PCBs
  - Pesticides
  - TAL Metals

- Dup? MS/MSD?
- - 
  - 
  - 
  -

Equipment: see purge form for AMSF-MW-16I

Comments: cloudy w/ small black particles, no odor ; cleared up after ~10min



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**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF  
 Depth to Water: 12.67 ft TOIC  
 Total Well Depth: 27.30 ft TOIC  
 Depth to Pump: ~25 ft TOIC  
 Initial Pump Rate: ~250 mL/min  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_

Well ID: AMSF-MW-31  
 Date: 8/19/15  
 Purge Start Time: 1430  
 Purge End Time: 1455  
 Pump Type: bladder  
 Well Diameter: 2 inches  
 Well Volume: 2.3 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1430	—	7.68	-127.3	2.85	17.7	2.16	NM	12.72
1435	0.4	7.42	-125.1	3.21	14.9	0.37	4.8	12.72
1440	0.7	7.38	-123.2	3.12	14.7	0.24	37.2	12.72
1445	1.1	7.32	-121.0	3.08	14.7	0.18	22.0	12.72
1450	1.3	7.31	-120.7	3.08	14.6	0.17	13.1	12.72
1455	1.6	7.31	-121.0	3.08	14.6	0.18	10.2	12.72
<b>Final Sample Data:</b>		7.31	-121.0	3.08	14.6	0.18	10.2	12.72

Sample ID(s): AMSF-MW-31-W-081915 / AMSF-DUP-W-081915  
 Sample Time: 1500 / 1510  
 Sampler(s): UB, CY

- Analyses:
- VOCs
  - 1,4-Dioxane
  - SVOCs
  - PCBs
  - Pesticides
  - TAL Metals
- Dup?  MS/MSD?

Equipment: see purge form for AMSF-MW-1161

Comments: sulfur odor, clear (slight)



61 Commercial Street  
 Rochester, NY 14614  
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Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: AMSF-MW-32

Depth to Water: 12.88 ft TOIC

Date: 8-19-15

Total Well Depth: 22 ft TOIC

Purge Start Time: 1330

Depth to Pump: 21' ft TOIC

Purge End Time: 1350

Initial Pump Rate: 250 mL/min

Pump Type: Bladder

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_

Well Volume: 1.5 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1330	—	7.28	118.8	4.58	18.4	1.64	36.8	12.89
1335	0.2	7.06	76.0	4.60	16.3	0.43	36.1	12.89
1340	0.5	7.06	68.3	4.60	16.0	0.42	15.7	12.89
1345	1.1	7.06	64.0	4.60	15.9	0.40	10.51	12.89
1350	1.3	7.06	61.1	4.59	15.9	0.39	10.28	12.89
<b>Final Sample Data:</b>		<b>7.06</b>	<b>61.1</b>	<b>4.59</b>	<b>15.9</b>	<b>0.39</b>	<b>10.28</b>	<b>12.89</b>

Sample ID(s): AMSF-MW-32-W-081915

Sample Time: 1355

Sampler(s): 4 9 LB

- |   |                          |                          |
|---|--------------------------|--------------------------|
| Analyses:                                       | Dup?                     | MS/MSD?                  |
| <input checked="" type="checkbox"/> VOCs        | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> 1,4-Dioxane | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> SVOCs                  | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> PCBs                   | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Pesticides             | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> TAL Metals             | <input type="checkbox"/> | <input type="checkbox"/> |

Equipment: GAA

Comments: Clear, no odor



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**Monitoring Well Purging and Sampling Record**

Site Name: Former AMSF

Well ID: AMSF-MW-33

Depth to Water: 11.21 ft TOIC

Date: 8/18/15

Total Well Depth: 23.95 ft TOIC

Purge Start Time: 1348

Depth to Pump: ~22 ft TOIC

Purge End Time: 1430

Initial Pump Rate: ~180 mL/min

Pump Type: bladder

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_

Well Volume: 2.0 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1350	—	7.18	-99.2	3.02	16.3	0.76	2486 AU	11.20
1355	0.3	7.21	-82.3	3.09	15.3	0.27	2087 AU	11.23
1400	0.5	7.19	-79.1	3.08	15.0	0.22	878 AU	11.22
1405	0.8	7.21	-81.3	3.07	14.9	0.21	152	11.22
1410	1.0	7.23	-82.8	3.07	14.9	0.19	88.4	11.22
1415	1.2	7.23	-83.1	3.06	14.9	0.16	57.4	11.22
1420	1.4	7.23	-82.9	3.07	14.7	0.15	35.1	11.22
1425	1.6	7.24	-84.9	3.06	14.8	0.15	27.5	11.22
<b>Final Sample Data:</b>		7.24	-84.9	3.06	14.8	0.15	27.5	11.22

Sample ID(s): AMSF-MW-33-W-081815

Sampler(s): UB, CY

Sample Time: 1430

- |   |                          |                          |
|---|--------------------------|--------------------------|
| Analyses:                                       | Dup?                     | MS/MSD?                  |
| <input checked="" type="checkbox"/> VOCs        | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> 1,4-Dioxane | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> SVOCs                  | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> PCBs                   | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Pesticides             | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> TAL Metals             | <input type="checkbox"/> | <input type="checkbox"/> |

Equipment: see purge form for AMSF-MW-16I

Comments: clear, slightly cloudy, no odor



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Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: AMSF-MW-34

Depth to Water: 13.89 ft TOIC

Date: 8/19/15

Total Well Depth: 32.04 ft TOIC

Purge Start Time: 0735

Depth to Pump: ~31' ft TOIC

Purge End Time: 0810

Initial Pump Rate: 110 mL/min

Pump Type: bladder

adjusted to: 280 mL/min at 0748

Well Diameter: 2 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_

Well Volume: 2.9 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
0735	—	7.21	77.4	2.08	16.8	3.48	143	13.93
0740	0.2	6.79	55.3	2.91	16.5	0.93	over Purge	13.93
0745	0.5	7.00	42.6	3.03	16.4	0.65	" "	13.93
0750	0.7	7.03	21.8	3.08	14.3	0.84	96.4	13.93
0755	1.2	7.05	17.1	3.10	14.2	0.73	25.8	13.93
0800	1.5	7.06	17.5	3.10	14.3	0.62	9.90	13.93
0805	1.9	7.09	12.1	3.10	14.2	0.59	7.31	13.93
0810	2.2	7.09	11.8	3.11	14.3	0.58	5.77	13.93
Final Sample Data:		7.09	11.8	3.11	14.3	0.58	5.77	13.93

Sample ID(s): AMSF-MW-34-V-0819-15

Sample Time: 0815

Sampler(s): M & LB

- |   |                          |                          |
|---|--------------------------|--------------------------|
| Analyses:                                       | Dup?                     | MS/MSD?                  |
| <input checked="" type="checkbox"/> VOCs        | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> 1,4-Dioxane | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> SVOCs                  | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> PCBs                   | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Pesticides             | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> TAL Metals             | <input type="checkbox"/> | <input type="checkbox"/> |

Equipment: SAI

Comments: very cloudy with sed suspended  
particles that deemed @ 0750. No  
odor



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page 1 of 2 page 1 of 1

Monitoring Well Purging and Sampling Record

Site Name: Former AMSF Well ID: RW-2  
 Depth to Water: 10.40 ft TOIC Date: 8/20/15  
 Total Well Depth: 14.7 ft TOIC Purge Start Time: 0843  
 Depth to Pump: ~13 ft TOIC Purge End Time: 1000  
 Initial Pump Rate: ~300 mL/min Pump Type: bladder  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ Well Diameter: 6 inches  
 adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_ Well Volume: ~2.8 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
0844	—	7.85	43.4	0.381	18.7	1.80	12.3	10.46
0849	0.5	7.62	28.6	0.350	17.2	0.34	3.24	10.46
0854	0.8	7.59	30.0	0.352	17.1	0.28	2.08	10.46
0859	1.3	7.57	32.2	0.354	17.1	0.23	1.46	10.46
0904	1.7	7.50	33.7	0.358	17.0	0.20	1.78	10.46
0909	2.1	7.54	34.9	0.368	16.9	0.18	1.54	10.46
0914	2.5	7.53	35.7	0.387	16.9	0.16	1.37	10.46
0919	2.9	7.51	36.1	0.423	16.8	0.15	1.54	10.46
0924	3.3	7.45	37.9	0.579	16.7	0.13	1.37	10.46
0929	3.7	7.28	41.8	1.27	17.1	0.14	1.38	10.46
0934	4.1	7.23	38.4	2.68	17.0	0.15	1.05	10.46
0939	4.5	7.24	36.6	2.88	16.8	0.16	0.58	10.46
0944	4.9	7.25	35.2	3.01	16.8	0.16	0.57	10.46
0949	5.3	7.23	34.2	3.05	16.7	0.15	0.59	10.46
0954	5.7	7.24	33.4	3.08	16.8	0.15	0.62	10.46
Final Sample Data:		7.24	33.4	3.08	16.8	0.15	0.62	10.46

raised during  
 speed during

Sample ID(s): AMSF-RW-2-W-082015  
 Sample Time: 10:00

Sampler(s): LB, CY

Analyses: Dup? MS/MSD?  
 VOCs    
 1,4-Dioxane    
 SVOCs    
 PCBs    
 Pesticides    
 TAL Metals

Equipment: see purge form for AMSF-MW-16I

Comments: clear, no odor



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collect RB  
on  
8/20/15 @  
1135  
AMSF-RINSE BLANK  
W-082015

Monitoring Well Purging and Sampling Record

Site Name: Former AMSF

Well ID: RW-3

Depth to Water: 12.57 ft TOIC

Date: 8/20/15

Total Well Depth: 15.60 ft TOIC soft bottom

Purge Start Time: 1026

Depth to Pump: ~14 ft TOIC

Purge End Time: 1116

Initial Pump Rate: 300 mL/min

Pump Type: bladder

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_

Well Diameter: 6 inches

adjusted to: \_\_\_\_\_ mL/min at \_\_\_\_\_

Well Volume: ~2.0 gallons

Time	Purge Volume (gallons)	pH (s.u.)	ORP (mV)	Conductivity (mS/cm)	Temp. (°C)	DO (mg/L)	Turbidity (NTU)	Water Level (ft)
1026	—	7.84	67.9	1.79	17.6	2.17	13.2	12.55
1031	0.5	7.75	42.4	1.74	16.5	1.75	12.4	12.60
1036	0.7	7.72	43.3	1.75	16.4	1.45	11.4	12.60
1041	1.2	7.84	38.9	1.75	16.3	1.19	11.3	12.60
1046	1.5	7.63	27.4	1.76	16.3	1.11	11.31	12.60
1051	1.8	7.61	14.9	1.77	16.4	0.86	11.13	12.60
1056	2.3	7.63	-12.2	1.78	16.4	0.63	11.78	12.60
1101	2.5	7.64	-42.7	1.80	16.2	0.40	11.41	12.60
1106	2.8	7.61	-73.4	1.90	16.3	0.20	8.78	12.60
1111	3.1	7.52	-69.0	1.91	16.2	0.21	7.14	12.60
1116	3.5	7.48	-67.3	1.93	16.2	0.22	5.24	12.60
Final Sample Data:		7.48	-67.3	1.93	16.2	0.22	5.24	12.60

Sample ID(s): AMSF-RW-3-W-082015

Sampler(s): W & LB

Sample Time: 1120

Equipment: SAA

- |   |                          |                          |
|---|--------------------------|--------------------------|
| Analyses:                                       | Dup?                     | MS/MSD?                  |
| <input checked="" type="checkbox"/> VOCs        | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> 1,4-Dioxane | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> SVOCs                  | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> PCBs                   | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Pesticides             | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> TAL Metals             | <input type="checkbox"/> | <input type="checkbox"/> |

Comments: Some light colored suspended solids. NOTE: yellow residue found on water level probe. Seen in annular space of manhole vault.