FIELD GROUND-WATER SAMPLING REPORT

DATE: 7-6-15 SITE: Forbes Atlas 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80947 WEATHER: PC, SSW wind 10-15 mph, 80s - 90s

WELL NUMBER: MW-06D

DEPTH TO WATER (ft): 27.73

Depth to pump intake: 48.50

TOTAL DEPTH (ft): 51.50 WELL DIAMETER (inches): 2"

PURGING

CASING VOLUME CALCULATION: 23.77 ft of water in casing X .16 gallons/foot = 3.9 total gallons/casing volume

Equipment Used: Dedicated Bladder Pump (Nondedicated Bladder Pump) Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1219	1	50	7.58	29.90	0.824	538	-13.1	4.27	27.75
1224	.2	150	7.70	23.46	0.724	504	-24.0	2.95	28.30
1229	.33	100	7.57	23.86	0.718	436	-18.7	1.81	28.71
1234	.40	50	7.58	24.85	0.727	328	-17.5	1.54	29.11
1235	(B)st	Pause pumping. Consult w/ Proj. Mgr regarding drawdown.							29.35
1422		Resume pumping @ ~60 mL/min							29.30
1429	.51	60	7.70	32.52	0.854	289	-40.2	1.38	29.70
1434	.59	60	7.82	27.92	0.799	219	-38.9	2.61	29.84
1439	.67	60	7.74	27.59	0.770	156	-36.8	2.28	30.12
1444	.74	60	7.60	27.96	0.769	90	-30.6	1.92	30.55
1450	.84	60	7.53	26.48	0.743	32.5	-25.2	1.84	31.31
1455	.89	40	7.43	26.04	0.733	24.8	-18.9	1.68	31.60
1500	.95	40	7.42	26.39	0.735	15.5	-17.8	1.64	31.75
1505	1.00	40	7.54	26.88	0.741	14.2	-23.8	1.69	31.92

Continued on back (circle one) (yes) / no

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1540	1.37	7.51	26.71	0.744	9.50	-18.2	1.84	33.60	Clear

FERROUS IRON (mg/L): 0.0 ALKALINITY (mg/L): N/A IDW TOTAL: 1.5 gal

FINAL DEPTH TO WATER (ft TOC): 36.52 TIME FINAL DEPTH TAKEN: 1551

SAMPLE ID: MW-06D-01 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC, RSK 175, Anions, Sulfate, Alk

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10.0 After: 10.0

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	[signature]	J. Bryant	7-6-15
REVIEWED:			

WELL NUMBER

MW-06D

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1510	1.05	40	7.59	26.92	0.744	13.5	-25.4	1.69	32.29
1515	1.10	40	7.60	26.93	0.743	12.3	-26.3	1.71	32.46
1520	1.16	40	7.60	26.86	0.741	9.62	-25.4	1.82	32.67
1525	1.21	40	7.61	26.79	0.741	9.14	-25.1	1.83	32.89
1530	1.24	40	7.60	26.76	0.739	8.77	-23.9	1.83	33.07
1535	1.32	40	7.58	26.81	0.742	9.04	-20.7	1.77	33.41

COMMENTS

FIELD GROUND-WATER SAMPLING REPORT

DATE: 7-7-15 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 70s, NE wind 5-15 mph

WELL NUMBER: MW-03A

DEPTH TO WATER (ft): 42.68

Depth to pump intake: 54.83

TOTAL DEPTH (ft): 57.33 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1155	I	40	8.25	15.34	0.497	17.6	-4.0	8.33	42.70
1200	.05	40	7.99	15.19	0.499	16.9	-29.4	3.75	43.03
1205	.10	40	7.87	15.54	0.502	16.6	-31.1	3.42	43.20
1210	.15	40	7.75	15.06	0.504	16.3	-33.7	3.35	43.41
1215	.20	40	7.61	15.36	0.504	15.7	-33.6	3.14	43.61
1220	.25	40	7.50	15.41	0.504	16.1	-32.9	2.90	43.84
1225	.30	40	7.37	15.29	0.504	15.4	-32.9	2.76	44.02
1230	.35	40	7.30	15.42	0.503	14.8	-31.8	2.72	44.15
1235	.40	40	7.21	15.49	0.501	14.6	-32.1	2.79	44.43
1240	.45	40	7.12	16.03	0.502	14.0	-32.1	2.60	44.57
1245	.50	40	7.07	15.90	0.502	13.2	-32.5	2.48	44.78
1250	.55	40	6.93	15.57	0.498	12.7	-28.8	2.45	45.02
1255	.60	40	6.88	15.46	0.499	13.1	-27.7	2.34	45.25
1300	.65	40	6.82	15.48	0.502	12.4	-27.0	2.37	45.51

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1305	.70	6.77	15.59	0.504	12.9	-26.3	2.42	45.64	Clear

FERROUS IRON (mg/L): 0 ALKALINITY (mg/L): N/A IDW TOTAL: 1 gal

FINAL DEPTH TO WATER (ft TOC): 47.20 TIME FINAL DEPTH TAKEN: 1322

SAMPLE ID: MW-03A-01 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, RSK 175, 9056 NO_3, NO_2, o-phos, Br, Cl, F, SO_4, Alk, Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: YSI 556 FLOW CELL TYPE.: YSI 556

DO CHECK IN AIR: Before: 1.0 After: 1.0

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		7-7-15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 7-7-15 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80441 WEATHER: Cloudy, 60s-70s, NE wind 5-15 mph

WELL NUMBER: MW-035

DEPTH TO WATER (ft): 19.56

Depth to pump intake (ft): 27.97

TOTAL DEPTH (ft): 30.47 WELL DIAMETER (inches): 2"

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
0947	I	100	7.56	17.00	0.554	26.8	9.2	7.94	19.94
0952	0.13	100	7.33	16.14	0.523	21.7	-0.3	3.41	19.99
0957	0.26	100	7.25	16.14	0.520	15.6	-8.9	1.91	19.99
1002	0.39	100	7.39	16.11	0.526	8.91	-22.0	1.44	19.99
1007	0.51	100	7.36	16.01	0.530	6.30	-22.0	1.24	20.03
1012	0.64	100	7.33	15.99	0.532	5.92	-22.0	1.18	20.01
1015	0.77	100	7.31	16.07	0.533	3.41	-22.5	1.07	19.99
1020	0.90	100	7.34	16.39	0.548	3.41	-27.2	1.01	19.96
1025	1.03	100	7.34	16.49	0.554	3.64	-30.1	1.00	19.92

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1030	1.16	7.32	15.76	0.570	3.02	34.9	1.22	19.96	Clear

FERROUS IRON (mg/L): 0.0 ALKALINITY (mg/L): N/A IDW TOTAL: 1.5 gal

FINAL DEPTH TO WATER (ft TOC): 19.96 TIME FINAL DEPTH TAKEN: 1050

SAMPLE ID: MW-035-01 SAMPLE ID FOR QC: MW-035-11

PARAMETERS REQUESTED FOR ANALYSIS: VOC, RSK 175, Anions, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: YSI 556 FLOW CELL TYPE.: YSI 556

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	Jeff Brent		
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 7-7-15 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 70s, NE wind 5-10 mph

WELL NUMBER: MW-05D

DEPTH TO WATER (ft): 49.27

Depth to intake (ft): ~~46.79~~ 61.90

TOTAL DEPTH (ft): 64.40 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1604	I	40	8.02	19.73	0.772	24.7	-15.8	6.57	49.36
1609	.05	40	7.99	19.72	0.884	18.3	-35.4	5.69	49.59
1614	.10	40	7.89	18.98	0.942	20.5	-42.3	3.87	49.86
1619	.15	40	7.85	18.23	0.951	20.6	-45.1	3.02	50.21
1624	.20	40	7.75	17.85	0.947	21.3	-43.2	2.35	50.49
1629	.25	40	7.72	17.68	0.942	20.9	-43.7	2.08	50.75
1634	.30	40	7.70	17.50	0.934	21.6	-41.6	1.84	50.96
1639	.35	40	7.68	17.36	0.925	21.2	-39.4	1.67	51.31
1644	.40	40	7.66	17.19	0.912	22.4	-38.9	1.53	51.67
1649	.45	40	7.64	17.07	0.904	21.7	-38.7	1.51	51.85

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1650	.50	7.64	17.09	0.904	21.3	-38.1	1.53	51.54	Clear

FERROUS IRON (mg/L): 0.1 ALKALINITY (mg/L): N/A IDW TOTAL: 1 gal

FINAL DEPTH TO WATER (ft TOC): 53.72 TIME FINAL DEPTH TAKEN: 1713

SAMPLE ID: MW-05D-01 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, RSK 175, 9056 Anions, Sulfide, Alk

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: YSI 556 FLOW CELL TYPE.: YSI 556

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Smith		7-7-15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 7-7-15 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 30441 WEATHER: Cloudy, 70s, NE wind 10-20 mph

WELL NUMBER: MW-07S

DEPTH TO WATER (ft): 22.55

Depth to pump intake (ft): 32.92

TOTAL DEPTH (ft): 35.42 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1352	I	100	7.22	16.88	0.514	161	-21.6	4.31	22.95
1357	0.13	120	7.20	17.18	0.517	174	-24.2	3.36	22.91
1402	0.29	120	7.32	16.52	0.513	183	-29.0	3.13	23.10
1407	0.45	120	7.24	15.96	0.506	74.9	-22.3	2.65	23.11
1412	0.61	120	7.27	15.89	0.504	41.3	-24.2	2.26	23.11
1417	0.77	120	7.30	15.82	0.503	25.6	-26.2	1.76	23.11
1422	0.93	120	7.27	15.69	0.501	17.5	-27.7	1.17	23.12
1427	1.09	120	7.24	15.56	0.500	16.2	-27.1	1.03	23.12
1432	1.25	120	7.20	15.48	0.500	15.9	-26.6	0.88	23.12
1437	1.41	120	7.18	15.39	0.501	15.9	-27.1	0.82	23.12
1442	1.57	120	7.15	15.33	0.502	16.1	-27.2	0.78	23.12

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1445	1.73	7.15	15.33	0.503	15.8	-27.0	0.80	23.12	Clear

FERROUS IRON (mg/L): 0.0 ALKALINITY (mg/L): N/A IDW TOTAL: 2.0

FINAL DEPTH TO WATER (ft TOC): 23.20 TIME FINAL DEPTH TAKEN: 1459

SAMPLE ID: MW-07S-01 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, DSH 175, 9056 NO3, NO2, O-phos, Br, Cl, F, SO4, Alk, Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: YSI 556 FLOW CELL TYPE.: YSI 556

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		7-7-15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 7-8-15 SITE: Forbes Atlas 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 30447 WEATHER: Cloudy, 60s-70s, NW wind 5-10 mph

WELL NUMBER: MW-025

DEPTH TO WATER (ft): 19.74

Depth to intake (ft): 31.93

TOTAL DEPTH (ft): 34.43 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
0840	F	110	6.52	15.67	0.600	5.94	52.7	4.05	19.98
0845	.15	150	6.26	15.46	0.559	4.61	48.9	3.45	20.05
0850	.35	150	6.06	14.95	0.524	3.09	45.8	2.82	20.09
0855	.55	150	5.97	14.89	0.519	2.73	40.9	2.50	20.15
0900	.75	150	5.94	14.85	0.517	2.19	36.0	2.03	20.11
0905	.95	150	5.93	14.83	0.515	2.23	32.1	1.81	20.12
0910	1.15	150	5.93	14.83	0.516	2.21	28.6	1.48	20.12
0915	1.35	150	5.93	14.84	0.517	2.25	25.5	1.28	20.12
0920	1.55	150	5.93	14.83	0.519	2.11	22.7	1.14	20.12
0925	1.75	150	5.92	14.80	0.519	2.19	21.4	1.08	20.15
0930	1.95	150	5.91	14.74	0.520	2.21	20.0	1.05	20.12

Continued on back (circle one) yes (no)

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
0935	2.15	5.91	14.73	0.520	2.33	19.3	1.01	20.15	Clear

FERROUS IRON (mg/L): 0.0 ALKALINITY (mg/L): N/A IDW TOTAL: 2.5 gal

FINAL DEPTH TO WATER (ft TOC): 20.12 TIME FINAL DEPTH TAKEN: 0955

SAMPLE ID: mw-025-01 SAMPLE ID FOR QC: mw-025-01-ms, mw-025-01-msd

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, RSK 175, 9056 Anions, Alk, Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: YSI 556 FLOW CELL TYPE.: YSI 556

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		7-8-15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 7-8-15 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 60s-70s, NE wind

WELL NUMBER: MW-02D

DEPTH TO WATER (ft): 41.27

Depth to interface (ft): 56.13

TOTAL DEPTH (ft): 58.63 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1057	I	50	6.86	17.55	0.682	26.4	22.0	4.75	41.27
1102	.07	50	7.06	17.57	0.691	15.4	0.4	3.58	41.39
1107	.14	50	7.11	17.55	0.694	15.9	-5.2	3.04	41.57
1112	.21	50	7.16	17.20	0.697	16.9	-10.1	2.53	42.04
1117	.28	50	7.18	16.91	0.695	14.1	-14.2	1.86	42.31
1122	.35	50	7.17	16.82	0.693	12.5	-15.0	1.61	42.69
1127	.42	50	7.16	16.79	0.692	11.1	-16.8	1.37	42.91
1132	.49	50	7.16	16.75	0.691	10.9	-17.4	1.31	43.11
1137	.56	50	7.15	16.73	0.690	9.26	-17.1	1.26	43.45
1142	.63	50	7.13	16.80	0.693	9.11	-17.6	1.18	43.94
1147	.70	50	7.13	16.90	0.696	8.91	-18.6	1.16	44.04

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1150	.75	7.13	16.90	0.697	9.05	-18.3	1.15	44.20	Clear

FERROUS IRON (mg/L): 0.1 ALKALINITY (mg/L): N/A IDW TOTAL: 1 gal

FINAL DEPTH TO WATER (ft TOC): 47.11 TIME FINAL DEPTH TAKEN: 1223

SAMPLE ID: MW-02D-01 SAMPLE ID FOR QC: MW-02D-D1

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, RSK 175, 9056 Anions, Alk, Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: YSI 556 FLOW CELL TYPE.: YSI 556

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		7-8-15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 7-8-15 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 60s-70s, NE wind 5-10 mph.

WELL NUMBER: MW-06S

DEPTH TO WATER (ft): 10.47

Depth to intake (ft): 21.05

TOTAL DEPTH (ft): 23.55 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1306	I	150	6.85	15.32	0.602	92.3	15.5	2.71	10.95
1311	0.2	140	6.57	15.30	0.603	48.0	21.2	1.60	11.09
1316	0.38	140	6.78	15.48	0.606	36.7	4.7	1.60	11.28
1321	0.56	140	6.81	15.51	0.607	21.0	1.80	1.58	11.34
1326	0.74	140	6.84	15.51	0.607	14.5	-2.90	1.60	11.46
1331	0.92	100	6.85	15.62	0.608	11.1	-5.30	1.68	11.45
1336	1.10	100	6.90	16.13	0.615	9.99	-10.8	1.70	11.45
1341	1.23	100	6.93	16.52	0.621	9.23	-14.3	1.79	11.45
1346	1.36	100	6.95	16.42	0.621	9.17	-15.9	1.76	11.48

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1350	1.45	6.94	16.28	0.618	9.50	-15.5	1.84	11.45	Clear

FERROUS IRON (mg/L): 0.0 ALKALINITY (mg/L): N/A IDW TOTAL: 1.7

FINAL DEPTH TO WATER (ft TOC): 11.70 TIME FINAL DEPTH TAKEN: 1411

SAMPLE ID: MW-06S-01 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, RSK 175, Anion 300.0, AlK

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: YSI 556 FLOW CELL TYPE.: YSI 556

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		7-8-15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 7-8-15 SITE: Forbes Atlas S-S PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 70s, NE wind 5-10 mph

WELL NUMBER: MW-01D

DEPTH TO WATER (ft): 46.77

Depth to intake (ft): 62.93

TOTAL DEPTH (ft): 68.43 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1549	I	40	8.29	18.89	0.877	12.0	-14.7	4.96	46.84
1554	.05	40	7.99	18.61	0.884	12.3	-21.7	3.12	47.05
1559	.10	40	7.71	18.76	0.893	12.4	-22.4	2.17	47.27
1604	.15	40	7.43	18.97	0.905	9.82	-26.8	1.84	47.63
1609	.20	40	7.26	18.82	0.905	8.88	-29.3	1.67	47.81
1614	.25	40	7.12	18.48	0.898	6.97	-28.4	1.64	48.02
1619	.30	40	6.94	18.34	0.893	8.05	-24.1	1.62	48.22
1624	.35	40	6.79	18.47	0.894	5.34	-22.3	1.52	48.58
1629	.40	40	6.75	18.51	0.893	5.13	-21.2	1.52	48.58
1634	.45	40	6.70	18.53	0.893	5.60	-21.9	1.49	48.82

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1640	.50	6.68	18.50	0.893	5.27	-21.0	1.49	48.99	clear

FERROUS IRON (mg/L): 0.1 ALKALINITY (mg/L): N/A IDW TOTAL: 1 gal

FINAL DEPTH TO WATER (ft TOC): 50.41 TIME FINAL DEPTH TAKEN: 1702

SAMPLE ID: MW-01D-01 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, RSK 175, 9056 Anions, Alk, Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: YSI 556 FLOW CELL TYPE.: YSI 556

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bmart		7-8-15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 7-9-15 SITE: Forbes Atlas 3-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 60s, SE wind 5 mph

WELL NUMBER: MW-04S

DEPTH TO WATER (ft): 28.01

Depth to intake (ft): 34.68

TOTAL DEPTH (ft): 37.18 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
0832	I	100	7.35	16.37	0.512	775	42.0	4.45	28.32
0837	.13	100	6.90	16.13	0.501	866	47.9	2.25	28.61
0842	.26	100	6.96	15.99	0.500	768	37.5	1.60	29.07
0847	.39	35	7.16	16.38	0.503	704	24.9	1.50	29.20
0852	.44	35	7.28	16.75	0.508	612	17.7	1.58	29.28
0857	.49	35	7.34	17.09	0.513	549	11.2	1.60	29.32
0902	.54	35	7.36	17.37	0.517	514	9.3	1.57	29.40
0907	.59	35	7.38	17.66	0.525	412	6.0	1.63	29.43
0912	.64	35	7.43	18.19	0.540	273	2.1	1.77	29.41
0917	.69	35	7.43	18.49	0.544	226	0.5	1.78	29.36
0922	.74	35	7.45	18.73	0.553	217	-1.4	1.86	29.27
0927	.79	35	7.46	19.63	0.572	251	-3.1	2.04	29.34
0932	.84	35	7.48	19.87	0.580	272	-3.5	2.09	29.41
0937	.89	35	7.49	19.99	0.581	263	-5.7	1.97	29.49

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
0940	.94	7.49	20.05	0.580	256	-7.5	1.99	29.53	cloudy

FERROUS IRON (mg/L): 0.0 ALKALINITY (mg/L): N/A IDW TOTAL: 1.5

FINAL DEPTH TO WATER (ft TOC): 29.95 TIME FINAL DEPTH TAKEN: 1022

SAMPLE ID: MW-04S-01 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, RSK 175, 9056 Anions, Alk, Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: YSI 556 FLOW CELL TYPE.: YSI 556

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		7-9-15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 7-9-15 SITE: Forbes Atlas S-S PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 20447 WEATHER: Partly cloudy, 70s, SE wind 5-15 mph

WELL NUMBER: MW-04D

DEPTH TO WATER (ft): 50.58
Depth to intake (ft): 64.27

TOTAL DEPTH (ft): 66.77 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1112	I	50	8.30	23.99	0.875	124	-389.8	5.06	50.79
1117	.07	50	7.89	21.93	0.836	45.8	-380.1	2.93	51.25
1122	.14	40	7.59	22.05	0.833	31.8	-372.1	2.12	51.42
1127	.19	40	7.43	22.77	0.847	23.6	-352.3	2.00	51.57
1132	.24	40	7.30	23.38	0.856	22.3	-371.7	1.95	52.02
1137	.29	40	7.15	22.64	0.840	21.9	-369.5	1.93	52.31
1142	.34	40	7.04	23.30	0.846	21.3	-347.8	1.85	52.51
1147	.39	40	6.61	23.52	0.854	20.6	-100.0	1.60	52.74
1152	.44	40	6.58	23.76	0.857	19.0	-77.0	1.55	53.02
1157	.49	40	6.56	23.91	0.862	19.8	-74.6	1.55	53.14
1202	.54	40	6.52	24.08	0.865	19.4	-71.7	1.55	53.44

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1205	.60	6.50	24.11	0.867	20.0	-70.8	1.57	53.51	clear

FERROUS IRON (mg/L): 0.0 ALKALINITY (mg/L): N/A IDW TOTAL: 1 gal

FINAL DEPTH TO WATER (ft TOC): 55.54 TIME FINAL DEPTH TAKEN: 1235

SAMPLE ID: MW-04D-01 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, RSK175, 8056 Anions, Alk, Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: YSI 556 FLOW CELL TYPE.: YSI 556

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		7-9-15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 9-23-15 SITE: Forbes - S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: PC, 70s, SE wind 5-15

WELL NUMBER: MW-01A

DEPTH TO WATER (ft): 47.24
Depth to intake: 66.00'

TOTAL DEPTH (ft): 68.43 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump (Nondedicated Bladder Pump) Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
0953	F	50	8.03	21.86	1.104	43.1	-44.1	6.52	47.70
0958	0.07	50	7.14	21.70	1.166	45.1	-20.2	2.78	47.99
1003	0.14	50	6.89	22.92	1.210	42.4	-21.3	2.38	48.18
1008	0.21	50	6.67	23.59	1.244	38.6	-17.4	2.43	48.45
1013	0.28	50	6.52	23.65	1.255	41.3	-10.9	2.48	48.65
1018	0.35	50	6.30	23.49	1.256	33.4	0.3	2.37	48.87
1023	0.42	50	6.15	23.26	1.250	30.2	7.5	2.25	49.19
1028	0.49	50	5.99	22.60	1.236	27.0	14.1	2.17	49.46
1033	0.56	50	5.90	22.53	1.232	26.1	16.6	2.00	49.62
1038	0.63	50	5.80	22.27	1.226	24.2	17.8	1.87	49.98
1043	0.70	50	5.70	21.98	1.211	22.7	16.5	1.89	50.20
1048	0.77	50	5.67	21.81	1.194	23.0	14.6	1.83	50.42
1053	0.84	50	5.61	21.78	1.188	22.9	12.5	1.81	50.67

Continued on back (circle one) yes (no)

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1055	0.9	5.60	21.73	1,186	23.2	11.7	1.80	50.70	sl. cloudy

FERROUS IRON (mg/L): 0.60 ALKALINITY (mg/L): N/A IDW TOTAL: 1.5

FINAL DEPTH TO WATER (ft TOC): 52.36 TIME FINAL DEPTH TAKEN: 1111

SAMPLE ID: MW-01D-02 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 8054 Anions, RSK 175, AIK, Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		9-23-15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 9-23-15 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER 80447 WEATHER: PC, 70s, SE wind 5-10 mph

WELL NUMBER: MW-025

DEPTH TO WATER (ft): 24.95
Depth to intake: 32.00'

TOTAL DEPTH (ft): 34.43 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1353	I	120	6.55	22.27	0.691	9.08	2.8	13.66	25.25
1358	0.14	120	5.55	20.97	0.665	7.94	67.1	2.21	25.15
1403	0.32	120	5.29	21.11	0.669	6.09	65.8	2.15	25.20
1408	0.48	120	4.93	19.67	0.648	4.90	72.4	1.71	25.23
1413	0.64	120	5.50	18.81	0.636	4.42	81.6	1.38	25.31
1418	0.80	120	5.48	18.80	0.636	3.58	79.5	1.07	25.32
1423	0.96	120	5.47	18.40	0.632	3.19	72.3	0.96	25.36
1428	1.12	120	5.54	18.24	0.629	3.15	77.9	0.89	25.36
1433	1.28	120	5.57	18.55	0.637	3.20	64.8	0.88	25.37

Continued on back (circle one) yes (no)

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1435	1.34	5.55	18.15	0.631	3.19	63.4	0.90	25.45	clear

FERROUS IRON (mg/L): 0.10 ALKALINITY (mg/L): N/A IDW TOTAL: 2.2

FINAL DEPTH TO WATER (ft TOC): 25.51 TIME FINAL DEPTH TAKEN: 1502

SAMPLE ID: MW-025-02 SAMPLE ID FOR QC: MW-025-02-MS/MSD (2 sets)

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, AIK, & Sulfide.

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		9-23-15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 9-23-15 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: PC, 70s, SE wind 5-15 mph

WELL NUMBER: MW-02D

DEPTH TO WATER (ft): 42.56
Depth to intake: 56.00'

TOTAL DEPTH (ft): 58.63 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Non-dedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1202	I	50	7.31	20.54	0.783	14.1	23.4	3.95	43.33
1207	0.07	50	6.88	21.62	0.789	7.82	28.9	3.10	43.51
1212	0.14	50	6.92	22.97	0.814	4.01	17.9	3.35	43.72
1217	0.21	50	6.82	23.92	0.833	4.18	16.4	3.43	43.09
1222	0.28	50	6.73	24.31	0.843	3.39	16.5	3.04	44.29
1227	0.35	50	6.64	25.06	0.858	3.25	16.4	3.34	44.41
1232	0.42	50	6.57	25.70	0.873	3.30	17.0	3.35	44.80
1237	0.49	50	6.45	23.92	0.850	3.27	18.5	3.58	45.05
1242	0.56	50	6.20	22.76	0.826	3.25	23.6	3.06	45.51
1247	0.63	50	6.05	23.28	0.831	3.22	23.0	2.58	45.94
1252	0.70	50	6.06	23.42	0.838	3.19	19.3	2.53	46.33
1257	0.77	50	6.04	23.50	0.845	3.20	18.5	2.49	46.54

Continued on back (circle one) yes (no)

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1300	0.85	6.02	23.58	0.847	3.20	17.8	2.50	46.60	clear

FERROUS IRON (mg/L): 0.10 ALKALINITY (mg/L): N/A IDW TOTAL: 1.5

FINAL DEPTH TO WATER (ft TOC): 49.37 TIME FINAL DEPTH TAKEN: 1339

SAMPLE ID: MW-02D-02 SAMPLE ID FOR QC: MW-02D-12

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		9-23-15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 9-21-15 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: MC, 80s, S wind 5-15 mph

WELL NUMBER: MW-035 DEPTH TO WATER (ft): 23.62 Depth to Intake: 28.00' btoc

TOTAL DEPTH (ft): 30.47 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1450	I	50	7.22	20.18	0.631	61.7	27.5	5.70	23.83
1455	0.07	50	6.28	20.80	0.624	42.9	37.9	2.51	23.72
1500	0.14	50	6.34	21.78	0.634	41.2	29.9	2.58	23.68
1505	0.21	50	6.27	22.59	0.651	41.2	25.7	2.46	23.72
1510	0.28	50	6.12	22.21	0.656	34.2	28.8	2.40	23.74
1515	0.35	50	5.94	22.14	0.666	33.6	32.0	2.13	23.75
1520	0.42	50	5.84	22.36	0.677	31.3	33.4	1.91	23.75
1525	0.49	50	5.76	22.54	0.686	31.5	34.4	1.91	23.76
1530	0.56	50	5.73	22.55	0.689	25.2	34.3	1.88	23.76
1535	0.63	50	5.68	22.85	0.698	25.0	34.9	1.64	23.76
1540	0.70	50	5.65	22.91	0.704	25.1	35.1	1.69	23.76
1545	0.77	50	5.62	22.97	0.706	25.3	34.4	1.65	23.76

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1550	0.84	5.61	22.95	0.708	25.1	36.9	1.62	23.76	Sl. Cloudy

FERROUS IRON (mg/L): 0.20 ALKALINITY (mg/L): N/A IDW TOTAL: 1.2

FINAL DEPTH TO WATER (ft TOC): 23.76 TIME FINAL DEPTH TAKEN: 1630

SAMPLE ID: MW-035-02 SAMPLE ID FOR QC: MW-035-02

PARAMETERS REQUESTED FOR ANALYSIS: VOC, 9056 Anions, RSK 175, AlK, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		9-21-15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 9-21-15 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 70s, S wind 5-15 mph

WELL NUMBER: MW-030 DEPTH TO WATER (ft): 43.27 Depth to Intake: 55.00'

TOTAL DEPTH (ft): 57.33 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1226	I	100	7.11	18.73	0.770	37.1	-35.2	5.56	43.82
1231	.14	50	6.04	18.17	0.755	25.8	- 7.2	3.51	44.11
1236	.21	50	5.78	18.68	0.761	24.8	- 8.0	3.01	44.16
1241	.28	50	5.69	18.90	0.757	22.6	- 7.2	2.96	44.31
1246	.35	50	5.62	19.08	0.759	21.0	-6.3	2.92	44.54
1251	.42	50	5.45	19.41	0.762	20.7	-4.1	2.86	44.82
1256	.48	50	5.38	19.52	0.762	18.8	-3.2	2.75	45.00
1301	.56	50	5.26	19.65	0.761	18.4	-2.1	2.66	45.12
1306	.63	50	5.19	19.66	0.757	17.4	0.0	2.55	45.29
1311	.70	50	5.10	19.69	0.754	17.0	2.0	2.37	45.45
1316	.77	50	5.03	19.84	0.760	16.2	4.8	2.10	45.66
1321	.84	50	4.97	20.07	0.774	16.2	4.7	1.86	45.83
1326	.91	50	4.94	20.22	0.781	16.1	5.7	1.71	46.03
1331	.98	50	4.88	20.36	0.785	16.0	6.7	1.62	46.26

Continued on back (circle one) (yes) / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1340	1.12	4.85	20.47	0.790	15.7	7.7	1.60	46.85	Sl. Cloudy

FERROUS IRON (mg/L): 0.40 ALKALINITY (mg/L): N/A IDW TOTAL: 1.5

FINAL DEPTH TO WATER (ft TOC): 48.30 TIME FINAL DEPTH TAKEN: 1405

SAMPLE ID: MW-030-02 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC, 9056 Anions, RSK 175, AIK, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		9-21-15
REVIEWED:			

WELL NUMBER

MW-03D

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1336	1.05	50	4.85	20.46	0.789	15.8	7.3	1.61	46.46

COMMENTS

FIELD GROUND-WATER SAMPLING REPORT

DATE: 9-22-15 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: PC, 70s, S wind 5-15 mph.

WELL NUMBER: MW-04S

DEPTH TO WATER (ft): 31.76
Depth to intake: 34.8

TOTAL DEPTH (ft): 37.18 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1427	I	75	7.42	24.06	1.437	OOR	-85.9	5.24	32.20
1432	0.1	75	7.02	23.83	1.417	OOR	-74.5	1.70	32.22
1437	0.2	75	7.10	24.37	1.439	OOR	-79.2	1.57	32.26
1442	0.3	75	7.10	22.74	1.406	OOR	-85.7	1.48	32.35
1447	0.4	75	7.00	22.16	1.429	OOR	-84.0	1.14	32.33
1452	0.5	75	7.00	22.22	1.499	634	-84.2	1.04	32.33
1457	0.6	75	7.09	22.49	1.572	279	-91.5	1.04	32.31
1502	0.7	100	7.14	21.70	1.579	171	-96.0	1.01	32.35
1507	0.8	100	7.03	21.40	1.561	71.3	-89.9	0.90	32.38
1512	0.9	100	7.01	21.10	1.530	49.1	-88.3	0.88	32.34
1517	1.0	100	6.99	20.82	1.521	51.3	-85.7	0.86	32.41
1522	1.1	100	6.99	21.16	1.507	47.8	-85.1	0.91	32.58

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1525	1.2	7.07	21.20	1.497	49.0	-91.6	0.90	32.64	cloudy

FERROUS IRON (mg/L): 0.90 ALKALINITY (mg/L): N/A IDW TOTAL: 2.0

FINAL DEPTH TO WATER (ft TOC): 1545 TIME FINAL DEPTH TAKEN: 32.48

SAMPLE ID: MW-04S-02 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC, 8056 Anions, RSK 175, AIK, 9 Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Brant		9-22-15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 9-22-15 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80441 WEATHER: PC, 70s, S wind 5-15 mph

WELL NUMBER: MW-04D

DEPTH TO WATER (ft): 51.15

Depth to intake: 64.20

TOTAL DEPTH (ft): 66.77 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Non-dedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1253	I	50	7.11	24.51	1.147	54.3	-66.5	5.10	51.72
1258	0.07	50	6.98	24.47	1.156	58.0	-60.8	2.53	51.98
1303	0.14	50	6.89	25.99	1.202	67.5	-50.7	2.39	52.43
1308	0.21	50	6.77	26.27	1.232	60.6	-51.6	2.18	52.72
1313	0.28	50	6.59	26.84	1.254	56.8	-42.6	2.18	52.88
1318	0.35	50	6.48	27.48	1.275	51.9	-38.1	2.15	53.02
1323	0.42	50	6.42	28.30	1.299	46.2	-37.2	2.22	53.21
1328	0.49	50	6.37	28.94	1.319	45.7	-35.4	2.22	53.32
1333	0.56	50	6.30	29.48	1.337	39.9	-31.7	2.38	53.43
1338	0.63	50	6.26	29.87	1.348	36.9	-29.5	2.55	53.57
1343	0.70	50	6.22	30.20	1.358	37.7	-30.8	2.61	53.66
1348	0.77	50	6.19	30.25	1.363	38.4	-28.7	2.56	53.79

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1350	0.80	6.18	30.30	1.369	38.0	-27.9	2.62	53.79	sl. cloudy

FERROUS IRON (mg/L): 1.10 ALKALINITY (mg/L): N/A IDW TOTAL: 1.5

FINAL DEPTH TO WATER (ft TOC): 56.07 TIME FINAL DEPTH TAKEN: 1407

SAMPLE ID: MW-04D-02 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC, 8056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		9-22-15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 9-22-15 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 70s, S wind

WELL NUMBER: MW-05D

DEPTH TO WATER (ft): 50.26

Depth to Future: 62.00

TOTAL DEPTH (ft): 64.40 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1106	I	50	8.14	23.10	1.241	31.8	-113.4	4.62	50.95
1111	0.07	50	7.84	21.95	1.265	31.4	-110.1	3.17	51.27
1116	0.14	50	7.17	21.32	1.224	26.7	-78.1	2.40	51.82
1121	0.21	50	7.00	21.18	1.206	22.9	-69.2	2.38	52.24
1126	0.28	50	6.69	21.22	1.188	22.5	-64.4	2.19	52.62
1131	0.35	50	6.56	22.13	1.192	19.2	-62.3	2.35	52.83
1136	0.42	50	6.51	22.53	1.198	17.8	-63.4	2.45	52.96
1141	0.49	50	6.43	22.98	1.204	18.3	-60.0	2.48	53.18
1146	0.56	50	6.33	23.40	1.210	17.8	-55.7	2.50	53.40
1151	0.63	50	6.27	23.63	1.214	17.5	-56.0	2.50	53.56
1156	0.70	50	6.25	23.74	1.214	17.9	-55.8	2.56	53.76

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1200	0.77	6.23	23.87	1.216	18.0	-54.6	2.58	53.86	Sl. cloudy

FERROUS IRON (mg/L): 0.70 ALKALINITY (mg/L): N/A IDW TOTAL: 1.5

FINAL DEPTH TO WATER (ft TOC): 56.21 TIME FINAL DEPTH TAKEN: 1223

SAMPLE ID: MW-05D-02 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☐ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		9-22-15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 9-22-15 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: PC, 70s, S wind 5-15 mph

WELL NUMBER: MW-06S

DEPTH TO WATER (ft): 17.22
Depth to intake: 21.00'

TOTAL DEPTH (ft): 23.55 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump (Nondedicated Bladder Pump) Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1611	I	120	7.87	24.12	0.793	197	-15.0	4.56	17.57
1616	0.16	120	7.29	22.12	0.736	119	-8.2	1.51	17.80
1621	0.32	120	7.20	21.73	0.725	82	-7.7	1.32	17.90
1626	0.48	120	7.13	21.24	0.714	42.9	-6.1	1.18	17.95
1631	0.64	120	7.09	21.18	0.713	32.7	-5.2	1.07	18.03
1636	0.80	120	7.07	20.93	0.712	18.3	-4.1	0.99	18.08
1641	0.96	120	7.06	20.90	0.712	17.8	-4.4	0.85	18.15
1646	1.12	120	7.08	21.27	0.720	17.6	-7.2	1.00	18.16

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1650	1.15	7.14	21.23	0.720	17.6	-9.3	0.95	18.16	clear

FERROUS IRON (mg/L): 0.20 ALKALINITY (mg/L): N/A IDW TOTAL: 1.7

FINAL DEPTH TO WATER (ft TOC): 18.33 TIME FINAL DEPTH TAKEN: 1701

SAMPLE ID: MW-06S-02 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	T. Bryant		9-22-15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 9-23-15 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: PC, 60s, S wind 5-15 mph

WELL NUMBER: MW-06D

DEPTH TO WATER (ft): 29.46
Depth to intake: 49.00'

TOTAL DEPTH (ft): 51.50 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump (Nondedicated Bladder Pump) Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
0807	I	50	8.12	18.85	0.737	31.9	36.1	5.24	29.94
0812	0.07	50	7.07	17.28	0.716	21.9	50.3	2.38	30.55
0817	0.14	50	7.03	17.65	0.721	13.1	44.4	1.92	30.77
0822	0.21	50	7.16	17.82	0.727	10.9	34.0	1.85	31.19
0827	0.28	50	7.25	17.93	0.730	10.1	24.7	1.83	31.66
0832	0.35	50	7.24	18.02	0.732	7.78	22.5	1.84	31.78
0837	0.40	40	7.27	18.35	0.737	6.45	18.6	2.05	31.94
0842	0.45	40	7.32	18.55	0.742	5.75	15.1	2.13	32.06
0847	0.50	40	7.33	18.87	0.747	6.04	13.4	2.31	32.22
0852	0.55	40	7.33	19.15	0.752	5.92	12.8	2.34	32.39
0857	0.60	40	7.33	19.24	0.758	5.88	11.2	2.39	32.50

Continued on back (circle one) yes (no)

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
0900	0.63	7.32	19.30	0.763	6.0	10.7	2.40	32.61	clear

FERROUS IRON (mg/L): 0.0 ALKALINITY (mg/L): N/A IDW TOTAL: 1.2

FINAL DEPTH TO WATER (ft TOC): 34.29 TIME FINAL DEPTH TAKEN: 0915

SAMPLE ID: MW-06D-02 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	S Bryant		9-23-15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 9-22-15 SITE: Forbes S-S PID READING at WELL HEAD (ppm): n/a

PROJECT NUMBER: 80447 WEATHER: cloudy, 60s, SE wind 5-15 mph.

WELL NUMBER: MW-07S

DEPTH TO WATER (ft): 27.80
Depth to intake : 33.50'

TOTAL DEPTH (ft): 35.42 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: ~ ft of water in casing X ~ gallons/foot = ~ total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
0915	I	50	7.13	19.99	0.588	95.6	-19.2	7.45	28.10
0920	0.07	50	6.39	19.29	0.586	83.5	-0.6	2.88	28.04
0925	0.14	50	6.48	19.29	0.587	75.0	-7.0	2.26	28.03
0930	0.21	50	6.74	19.62	0.589	68.7	-13.4	2.34	28.01
0935	0.28	50	6.98	19.96	0.592	57.3	-20.7	2.32	28.01
0940	0.35	50	7.15	20.30	0.594	49.4	-23.3	2.26	28.01
0945	0.42	50	7.19	20.47	0.597	39.1	-27.1	2.27	27.98
0950	0.48	50	7.22	20.72	0.600	32.5	-25.7	2.28	27.98
0955	0.56	50	7.25	21.01	0.603	28.6	-24.8	2.28	27.97
1000	0.63	50	7.27	21.21	0.605	28.7	-24.4	2.25	27.98
1005	0.70	50	7.28	21.37	0.607	27.9	-23.8	2.22	27.98

Continued on back (circle one) yes (no)

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1005	.70	7.28	21.37	0.607	27.9	-23.8	2.22	27.98	Sl. cloudy

FERROUS IRON (mg/L): 0.30 ALKALINITY (mg/L): N/A IDW TOTAL: 1.5

FINAL DEPTH TO WATER (ft TOC): 27.98 TIME FINAL DEPTH TAKEN: 1030

SAMPLE ID: MW-07S-02 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		9-22-15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 12-15-15 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 40s, SE wind 20-30 mph

WELL NUMBER: MW-010 DEPTH TO WATER (ft): 46.88

TOTAL DEPTH (ft): 68.43 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump (Nondedicated Bladder Pump) Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1135	I	50	6.43	12.71	1.641	18.2	-3.4	4.41	47.83
1140	.07	50	6.64	12.93	1.802	19.4	-31.1	1.54	48.09
1145	.14	50	6.68	12.97	1.806	19.3	-34.4	1.24	48.50
1150	.21	50	6.74	12.99	1.770	19.0	-38.6	0.94	49.26
1155	.28	50	6.78	13.06	1.735	18.8	-42.8	0.85	49.76
1200	.35	50	6.79	13.17	1.721	18.6	-45.9	0.78	50.20
1205	.42	50	6.79	13.15	1.710	18.5	-47.6	0.76	50.55

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1210	.49	6.79	13.15	1.710	18.5	-47.6	0.76	50.55	Sl. Cloudy

FERROUS IRON (mg/L): N/A ALKALINITY (mg/L): N/A IDW TOTAL: 1.0

FINAL DEPTH TO WATER (ft TOC): 52.02 TIME FINAL DEPTH TAKEN: 1225

SAMPLE ID: MW-010-03 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, AIK, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☐ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		12-15-15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 12-15-15 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: cloudy, 40s, SE wind 20-30 mph

WELL NUMBER: MW-025 DEPTH TO WATER (ft): 24.27

TOTAL DEPTH (ft): 34.43 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump (Nondedicated Bladder Pump) Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1005	I	150	6.98	10.49	0.754	4.74	-20.6	7.24	24.57
1010	.2	150	6.39	11.48	0.763	3.02	3.9	1.38	24.55
1015	.4	150	6.20	11.88	0.771	1.59	19.4	1.04	24.63
1020	.6	150	6.14	12.04	0.779	1.46	26.4	0.87	24.57
1025	.8	150	6.09	12.14	0.784	1.50	32.3	0.76	24.57
1030	1.0	150	6.06	12.22	0.787	1.45	37.2	0.72	24.57
1035	1.2	150	6.03	12.32	0.792	1.43	40.9	0.70	24.57

Continued on back (circle one) yes (no)

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1040	1.4	6.03	12.32	0.792	1.43	40.9	0.70	24.57	clear

FERROUS IRON (mg/L): N/A ALKALINITY (mg/L): N/A IDW TOTAL: 2

FINAL DEPTH TO WATER (ft TOC): 24.65 TIME FINAL DEPTH TAKEN: 1105

SAMPLE ID: MW-025-03 SAMPLE ID FOR QC: MW-025-03 MS/MSD

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		12-15-15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 12-15-15 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80446 WEATHER: Overcast, 40s, SE wind 15-30 mph

WELL NUMBER: MW-02D DEPTH TO WATER (ft): 42.70

TOTAL DEPTH (ft): 58.63 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: ___ ft of water in casing X ___ gallons/foot = ___ total gallons/casing volume

Equipment Used: Dedicated Bladder Pump (Nondedicated Bladder Pump) Bailer Other ___

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
0840	I	50	7.53	9.89	0.833	14.9	-14.3	12.55	44.04
0845	.07	50	7.30	11.27	0.868	8.34	-41.5	1.22	45.09
0850	.14	50	7.31	11.20	0.866	8.20	-40.5	1.18	46.17
0855	.21	50	7.31	10.79	0.857	8.15	-40.3	1.18	47.05
0900	.28	50	7.29	10.75	0.852	8.09	-39.6	1.14	47.56

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: (Same as above) Other ___

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
0905	.35	7.29	10.75	0.852	8.09	-39.6	1.14	47.56	clear

FERROUS IRON (mg/L): N/A ALKALINITY (mg/L): N/A IDW TOTAL: 1.0

FINAL DEPTH TO WATER (ft TOC): 50.88 TIME FINAL DEPTH TAKEN: 0920

SAMPLE ID: MW-02D-03 SAMPLE ID FOR QC: MW-02D-13

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: ___

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		12-15-15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 12-14-15 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 30s, NW wind 15-30 mph

WELL NUMBER: MW-035 DEPTH TO WATER (ft): 22.22

TOTAL DEPTH (ft): 30.47 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump (Nondedicated Bladder Pump) Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1235	F	50	7.06	9.98	0.730	173	-23.1	8.66	22.50
1240	.07	50	7.06	10.89	0.735	159	-26.7	3.00	22.67
1245	.14	50	7.07	11.43	0.743	105	-29.1	1.30	22.73
1250	.21	50	7.05	11.67	0.742	59.8	-29.4	0.97	22.83
1255	.28	50	7.08	11.88	0.745	32.4	-28.8	0.85	22.85
1300	.35	50	6.97	11.99	0.748	29.8	-19.7	0.81	22.88
1305	.42	50	6.92	11.98	0.749	20.9	-16.3	0.78	22.89
1310	.49	50	6.89	12.14	0.750	17.2	-11.1	0.76	22.84
1315	.56	50	6.90	12.15	0.750	13.6	-11.1	0.71	22.87
1320	.63	50	6.91	12.23	0.751	12.0	-9.2	0.72	22.86
1325	.70	50	6.95	12.26	0.752	8.37	-11.2	0.68	22.88
1330	.77	50	6.94	12.29	0.749	8.25	-10.8	0.67	22.86
1335	.84	50	6.90	12.33	0.747	8.04	-9.0	0.66	22.87

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1340	0.91	6.90	12.33	0.747	8.04	-9.0	0.66	22.87	Clear

FERROUS IRON (mg/L): N/A ALKALINITY (mg/L): N/A IDW TOTAL: 1.2

FINAL DEPTH TO WATER (ft TOC): 23.50 TIME FINAL DEPTH TAKEN: 1355

SAMPLE ID: MW-035-03 SAMPLE ID FOR QC: MW-035-13

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		12/14/15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 12-14-15 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 30s, NW Wind 15-30 mph

WELL NUMBER: MW-03D DEPTH TO WATER (ft): 42.84

TOTAL DEPTH (ft): 57.33 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump (Nondedicated Bladder Pump) Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1050	I	50	6.47	11.41	1.349	39.7	-25.0	8.78	43.77
1055	.07	50	6.63	10.80	1.431	32.3	-44.5	1.42	44.51
1100	.14	50	6.63	10.34	1.421	26.9	-45.5	1.30	44.95
1105	.21	50	6.61	9.97	1.405	23.8	-43.6	1.15	45.24
1110	.28	50	6.55	9.91	1.397	21.2	-40.4	1.05	45.81
1115	.35	50	6.49	9.88	1.387	18.3	-34.6	0.99	46.13
1120	.42	50	6.45	9.80	1.375	16.6	-30.3	0.95	46.52
1125	.49	50	6.34	9.79	1.356	14.4	-22.3	0.92	46.92
1130	.56	50	6.20	9.92	1.307	12.2	-6.6	0.86	47.22
1135	.63	50	6.15	9.97	1.292	11.0	-1.1	0.85	47.72
1140	.70	50	6.08	10.02	1.266	11.4	6.6	0.84	47.95
1145	.77	50	6.06	10.03	1.253	11.7	11.4	0.83	48.29
1150	.84	50	6.01	9.99	1.232	11.3	16.2	0.83	48.65

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1155	.90	6.01	9.99	1.232	11.3	16.2	0.83	48.65	Clear

FERROUS IRON (mg/L): N/A ALKALINITY (mg/L): N/A IDW TOTAL: 1.2

FINAL DEPTH TO WATER (ft TOC): 50.59 TIME FINAL DEPTH TAKEN: 1215

SAMPLE ID: MW-030-03 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, AIK, Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		12/14/15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 12-15-15 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Partly cloudy, 50s, SE wind 15-25 mph

WELL NUMBER: MW-045 DEPTH TO WATER (ft): 31.39

TOTAL DEPTH (ft): 37.18 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump (Nondedicated Bladder Pump) Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1515	I	100	7.13	15.47	1.214	907	-102.8	2.66	31.84
1520	.14	100	7.16	14.87	1.158	OOR	-107.5	1.25	32.35
1525	.28	100	7.17	14.84	1.145	OOR	-109.2	1.13	32.41
1530	.42	100	7.17	14.76	1.132	977	-107.4	0.90	32.63
1535	.56	100	7.17	14.81	1.117	713	-102.4	0.87	32.68
1540	.70	100	7.16	14.90	1.112	479	-98.4	0.86	32.73
1545	.84	100	7.15	14.93	1.098	383	-93.4	0.83	32.87
1550	.98	100	7.15	14.92	1.089	277	-91.2	0.78	32.99
1555	1.12	100	7.15	14.91	1.086	268	-90.9	0.79	33.07
1600	1.26	100	7.15	14.85	1.080	259	-90.9	0.75	33.20

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1605	1.4	7.15	14.85	1.080	259	-90.9	0.75	33.20	Cloudy

FERROUS IRON (mg/L): N/A ALKALINITY (mg/L): N/A IDW TOTAL: 2.0

FINAL DEPTH TO WATER (ft TOC): 33.72 TIME FINAL DEPTH TAKEN: 1620

SAMPLE ID: MW-045-03 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		12-15-15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 12-15-15 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 30447 WEATHER: Cloudy, 50s, SE wind 15-25 mph

WELL NUMBER: MW-04D

DEPTH TO WATER (ft): 51.19

TOTAL DEPTH (ft): 64.77 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump (Nondedicated Bladder Pump) Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1355	I	50	6.56	15.37	1.587	96.7	-52.7	3.08	51.96
1400	.07	50	6.65	15.17	1.607	116	-65.2	1.72	52.92
1405	.14	50	6.64	15.08	1.608	116	-68.1	1.22	53.50
1410	.21	50	6.65	15.26	1.614	117	-67.5	1.08	53.80
1415	.28	50	6.64	15.45	1.619	117	-65.8	1.08	54.11
1420	.35	50	6.61	15.68	1.623	94.4	-60.8	1.04	54.43
1425	.42	50	6.58	15.86	1.626	97.5	-58.5	1.04	54.73
1430	.49	50	6.57	15.93	1.626	92.9	-56.2	1.02	54.96

Continued on back (circle one) yes (no)

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1435	.56	6.57	15.93	1.626	92.9	-56.2	1.02	54.96	Cloudy

FERROUS IRON (mg/L): N/A ALKALINITY (mg/L): N/A IDW TOTAL: 1.0

FINAL DEPTH TO WATER (ft TOC): 56.97 TIME FINAL DEPTH TAKEN: 1450

SAMPLE ID: MW-040-03 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, AlK, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		12-15-15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 12-16-15 SITE: ~~Clear, 20s-30s, SW wind~~ Forbes Atlas 3-5 PID READING at WELL HEAD (ppm): NA

PROJECT NUMBER: 80447 WEATHER: Clear, 20s-30s, SW wind 20-30 mph.

WELL NUMBER: MW-050 DEPTH TO WATER (ft): 50.47

TOTAL DEPTH (ft): 64.40 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump (Nondedicated Bladder Pump) Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
0928	I	50	6.47	6.65	1.499	25.5	-50.1	2.92	51.54
0933	.07	50	6.70	7.30	1.627	12.4	-72.8	1.90	52.19
0938	.14	50	6.70	6.67	1.609	10.8	-77.0	1.73	52.60
0943	.21	50	6.76	6.47	1.597	7.85	-75.9	1.54	53.04
0948	.28	50	6.75	6.42	1.579	7.32	-70.2	1.50	53.33
0953	.35	50	6.58	6.53	1.560	7.79	-62.2	1.34	53.72
0958	.42	50	6.45	6.74	1.524	7.31	-50.7	1.32	54.10
1003	.49	50	6.39	7.01	1.500	7.25	-43.1	1.28	54.49
1008	.56	50	6.37	7.12	1.483	7.28	-41.6	1.29	54.95

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1010	.60	6.37	7.12	1.483	7.28	-41.6	1.29	55.09	Clear

FERROUS IRON (mg/L): N/A ALKALINITY (mg/L): N/A IDW TOTAL: 1.0

FINAL DEPTH TO WATER (ft TOC): 57.44 TIME FINAL DEPTH TAKEN: 1030

SAMPLE ID: MW-050-03 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, MIK, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: - After: -

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	S. Bryant		12-16-15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 12-16-15 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Clear, 30s, 20-30 mph W wind

WELL NUMBER: MW-06S DEPTH TO WATER (ft): 17.28

TOTAL DEPTH (ft): 23.55 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump (Nondedicated Bladder Pump) Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1252	I	110	6.99	9.17	0.814	39.8	-28.1	4.88	16.26
1257	.15	110	7.00	10.63	0.856	30.6	-23.6	4.26	16.51
1302	.30	110	6.89	11.50	0.879	23.1	-16.4	3.82	16.73
1307	.45	110	6.87	11.73	0.883	19.2	-12.5	3.79	16.85
1312	.60	110	6.85	11.84	0.886	16.8	-8.6	3.73	16.98
1317	.75	110	6.80	11.92	0.888	15.4	-3.6	3.68	17.11
1322	.90	110	6.83	11.95	0.889	15.7	1.2	3.65	17.19

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1325	.95	6.83	11.95	0.889	15.7	1.2	3.65	17.19	clear

FERROUS IRON (mg/L): N/A ALKALINITY (mg/L): N/A IDW TOTAL: 1.2

FINAL DEPTH TO WATER (ft TOC): 13.40 17.55 TIME FINAL DEPTH TAKEN: 13:40

SAMPLE ID: MW-06S-03 SAMPLE ID FOR QC: MW-06S-03-ERB (1355)

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		12-16-15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 12-16-15 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Clear, 20s, W wind 20-30 mph

WELL NUMBER: MW-060 DEPTH TO WATER (ft): 30.06

TOTAL DEPTH (ft): 51.50 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X ____ gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump (Nondedicated Bladder Pump) Bailer Other ____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1113	I	50	7.29	7.50	0.880	20.3	-78.9	6.00	30.69
1118	.07	50	7.21	7.28	0.876	19.5	-83.7	2.39	31.28
1123	.14	50	7.21	7.13	0.866	17.4	-86.1	1.92	31.58
1128	.21	50	7.22	7.15	0.864	15.0	-87.4	1.70	31.71
1133	.28	50	7.22	7.13	0.862	12.6	-87.5	1.52	31.94
1138	.35	50	7.21	7.34	0.866	10.3	-88.3	1.47	32.26
1143	.42	50	7.21	7.33	0.867	8.34	-90.2	1.33	32.83
1148	.49	50	7.20	7.31	0867	7.93	-89.3	1.29	33.17
1153	.56	50	7.24	7.32	0.867	7.84	-90.4	1.30	33.55

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: (Same as above) Other ____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1155	.60	7.24	7.32	0.867	7.84	-90.4	1.30	33.61	Clear

FERROUS IRON (mg/L): N/A ALKALINITY (mg/L): N/A IDW TOTAL: 1.0

FINAL DEPTH TO WATER (ft TOC): 35.24 TIME FINAL DEPTH TAKEN: 1215

SAMPLE ID: MW-060-03 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, A/K, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: ____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		12-16-15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 12/14/15 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 30s, NW wind 15-30 mph

WELL NUMBER: MW-07S DEPTH TO WATER (ft): 26.67

TOTAL DEPTH (ft): 35.42 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump (Nondedicated Bladder Pump) Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1430	I	50	7.13	10.31	0.689	163	-86.3	5.79	27.15
1425	.07	50	7.08	11.01	0.710	147	-85.1	2.36	27.27
1430	.14	50	7.08	11.43	0.716	83.3	-75.1	1.27	27.45
1435	.21	50	7.06	11.53	0.715	28.8	-58.8	0.89	27.50
1440	.28	50	7.05	11.66	0.717	14.9	-49.4	0.76	27.57
1445	.35	50	7.05	11.63	0.717	8.79	-45.9	0.71	27.57
1450	.42	50	7.04	11.65	0.718	6.14	-40.6	0.63	27.59
1455	.49	50	7.03	11.68	0.720	5.94	-38.4	0.60	27.59
1500	.56	50	7.02	11.76	0.724	5.89	-35.2	0.56	27.59

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1505	.63	7.02	11.76	0.724	5.89	-35.2	0.56	27.59	Clear

FERROUS IRON (mg/L): N/A ALKALINITY (mg/L): N/A IDW TOTAL: 1.0

FINAL DEPTH TO WATER (ft TOC): 28.02 TIME FINAL DEPTH TAKEN: 1520

SAMPLE ID: MW-07S-03 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		12-14-15
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 3-8-16 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: PC, 50s, N wind 5-15 mph

WELL NUMBER: MW-010 DEPTH TO WATER (ft): 45.26

TOTAL DEPTH (ft): 68.43 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1211	I	50	6.49	14.45	1.347	81.3	10.8	28.43	46.15
1216	.07	50	6.96	14.52	1.406	65.2	~~6.68~~ 7.8	6.69	46.41
1221	.14	50	6.59	14.61	1.434	64.0	1.9	5.03	46.54
~~1226~~	~~.21~~	~~50~~	~~6.63~~	~~14.86~~	~~1.456~~	~~62.5~~	~~-0.9~~	~~3.89~~	~~46.73~~
1231	.28	50	6.67	15.10	1.470	61.5	-4.6	3.34	46.94
1236	.35	50	6.70	15.28	1.475	60.3	-7.7	3.08	47.12
1241	.42	50	6.74	15.20	1.468	58.5	-10.2	2.86	47.38
1246	.47	50	6.77	15.37	1.464	53.4	-12.5	2.57	47.57
1251	.56	50	6.79	15.42	1.451	46.4	-17.3	2.27	47.86
1256	.63	50	6.81	15.67	1.451	44.6	-22.0	2.12	48.05
1301	.70	50	6.82	15.84	1.453	42.8	-27.8	2.08	48.27
1306	.77	50	6.83	16.04	1.453	41.6	-30.5	2.04	48.44

Continued on back (circle one) yes (no)

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1310	.83	6.84	16.04	1.453	41.6	-30.9	2.04	48.58	SL. cloudy

FERROUS IRON (mg/L): 1.2 ALKALINITY (mg/L): N/A IDW TOTAL: 1.5

FINAL DEPTH TO WATER (ft TOC): 49.55 TIME FINAL DEPTH TAKEN: 1325

SAMPLE ID: MW-010-04 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, AIK, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		3-8-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 3-9-16 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 81447 WEATHER: PC, cos.

WELL NUMBER: MW-02D DEPTH TO WATER (ft): 40.48

TOTAL DEPTH (ft): 58.63 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1348	I	50	7.38	17.35	0.833	146	-13.2	17.70	41.71
1353	.07	50	7.27	17.61	0.796	62.2	-14.7	3.53	42.00
1358	.14	50	7.28	18.62	0.805	45.3	-12.0	2.41	42.18
1403	.21	50	7.27	18.91	0.808	28.5	-11.5	2.36	42.37
1408	.28	50	7.27	19.01	0.810	24.8	-11.3	2.33	42.50
1413	.35	50	7.26	19.31	0.813	18.0	-9.1	2.21	42.62
1418	.42	50	7.25	18.87	0.804	15.0	-11.9	2.21	43.07
1423	.49	50	6.86	18.73	0.779	10.5	-6.2	1.92	43.59
1428	.56	50	6.62	17.52	0.775	8.15	15.0	1.55	44.17
1433	.63	50	6.54	17.64	0.776	7.75	19.7	1.51	44.45
1438	.70	50	6.52	17.86	0.787	7.60	23.6	1.48	44.62

Continued on back (circle one) yes no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1440	.73	6.53	17.88	0.790	7.60	24.2	1.46	44.67	Clear

FERROUS IRON (mg/L): 0.10 ALKALINITY (mg/L): N/A IDW TOTAL: 1.5

FINAL DEPTH TO WATER (ft TOC): 47.43 TIME FINAL DEPTH TAKEN: 1506

SAMPLE ID: MW-02D-04 SAMPLE ID FOR QC: MW-02D-14

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	T. Bryant		3-9-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 3-9-14 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: PC, 60s, N wind 5-15 mph

WELL NUMBER: MW-02S DEPTH TO WATER (ft): 23.62

TOTAL DEPTH (ft): 34.43 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump (Nondedicated Bladder Pump) Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1527	.2	150	6.30	17.37	0.704	31.4	39.3	9.40	24.25
1532	.2	150	5.99	16.72	0.693	10.8	63.5	4.50	24.27
1537	.4	150	5.74	15.67	0.668	7.19	80.7	3.50	24.61
1542	.6	150	5.68	15.81	0.666	4.86	95.4	2.17	24.29
1547	.8	150	5.68	15.86	0.667	3.72	99.9	1.74	24.31
1552	1.0	150	5.65	15.94	0.665	3.54	106.4	1.69	24.29
1557	1.2	150	5.63	15.50	0.655	3.50	108.1	1.66	24.48

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1600	1.3	5.61	15.57	0.655	3.50	108.4	1.66	24.45	clear

FERROUS IRON (mg/L): 0.0 ALKALINITY (mg/L): N/A IDW TOTAL: 2

FINAL DEPTH TO WATER (ft TOC): 24.81 TIME FINAL DEPTH TAKEN: 1620

SAMPLE ID: MW-02S-04 SAMPLE ID FOR QC: MW-04S-04MS/MSD

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		3-9-14
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: ~~3-8~~ 3-7-16 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 60s, 20-30 mph S wind

WELL NUMBER: MW-03D

DEPTH TO WATER (ft): 41.08

TOTAL DEPTH (ft): 57.33 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: ~ ft of water in casing X ~ gallons/foot = ~ total gallons/casing volume

Equipment Used: Dedicated Bladder Pump (Nondedicated Bladder Pump) Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1205	I	50	6.87	20.11	1.304	50.1	-67.6	9.80	41.79
1210	.07	50	6.86	19.58	1.324	59.9	-67.4	3.15	42.11
1215	.14	50	6.90	19.97	1.345	57.6	-68.6	2.50	42.41
1220	.21	50	6.92	20.52	1.368	58.0	-60.4	2.17	42.59
1225	.28	50	6.92	20.88	1.381	54.2	-61.6	2.05	42.74
1230	.35	50	6.93	21.18	1.392	52.1	-56.4	1.95	42.90
1235	.42	50	6.93	21.38	1.399	47.7	-60.6	1.87	43.23
1240	.49	50	6.93	21.49	1.401	44.4	-63.3	1.77	43.53
1245	.56	50	6.92	21.54	1.400	36.6	-63.3	1.67	43.87
1250	.63	50	6.90	21.51	1.396	30.8	-65.2	1.60	44.03
1255	.70	50	6.89	21.44	1.391	28.3	-72.4	1.51	44.35
1300	.77	50	6.88	21.69	1.396	26.9	-74.3	1.43	44.61
1305	.84	50	6.86	21.64	1.391	27.3	-77.8	1.38	44.90
1310	.91	50	6.84	21.22	1.376	26.1	-80.8	1.35	45.20

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1315	.98	6.84	21.30	1.388	26.6	-81.1	1.33	45.50	clear

FERROUS IRON (mg/L): 0.70 mg/L ALKALINITY (mg/L): N/A IDW TOTAL: 1.5

FINAL DEPTH TO WATER (ft TOC): 46.85 TIME FINAL DEPTH TAKEN: 1330

SAMPLE ID: MW-03D-04 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, AIK, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		3-7-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 3-7-16 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): n/a

PROJECT NUMBER: 80447 WEATHER: Cloudy, 60s, 20-30 mph wind (S)

WELL NUMBER: MW-035 DEPTH TO WATER (ft): 21.87

TOTAL DEPTH (ft): 30.47 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump (Nondedicated Bladder Pump) Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1358	I	50	7.12	20.60	0.645	49.7	-12.0	3.80	22.07
1403	.07	50	7.12	21.05	0.639	46.9	-6.7	2.98	21.95
1408	.14	50	7.11	21.48	0.638	42.6	-1.6	2.72	21.95
1413	.21	50	7.11	21.92	0.640	43.5	-3.7	2.62	21.95
1418	.28	50	7.10	21.66	0.633	42.4	-6.3	2.42	22.13
1423	.35	50	7.09	21.42	0.624	40.9	-8.0	2.12	22.16
1428	.42	50	7.07	21.09	0.617	37.5	-9.3	1.92	22.09
1433	.49	50	7.05	20.65	0.610	33.0	-9.8	1.75	22.09
1438	.56	50	7.03	20.38	0.603	21.4	-8.5	1.57	22.15
1443	.63	50	7.01	19.82	0.593	16.2	-7.2	1.49	22.15
1448	.70	50	6.98	19.38	0.586	15.8	-5.6	1.46	22.15
1453	.77	50	6.95	19.47	0.580	15.4	-2.3	1.41	22.15

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1455	.80	6.94	19.50	0.580	15.4	-2.1	1.40	22.15	Clear

FERROUS IRON (mg/L): 0.0 ALKALINITY (mg/L): N/A IDW TOTAL: 1.5

FINAL DEPTH TO WATER (ft TOC): 22.31 TIME FINAL DEPTH TAKEN: 1520

SAMPLE ID: MW-035-04 SAMPLE ID FOR QC: MW-035-14

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, AIK, & Ja/Fe

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		3-7-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 3-8-16 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 50s, S wind 15-25 mph

WELL NUMBER: MW-04D DEPTH TO WATER (ft): 49.27

TOTAL DEPTH (ft): 66.77 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1208	I	50	6.58	16.62	1.184	100	-14.9	8.97	50.40
1213	.07	50	6.59	16.58	1.205	97.4	-19.7	5.82	50.60
1218	.14	50	6.58	16.59	1.220	144	-20.2	4.18	51.05
1223	.21	50	6.53	16.37	1.218	147	-17.3	3.76	51.19
1228	.28	50	6.49	16.18	1.213	142	-15.3	3.64	51.44
1233	.35	50	6.38	15.86	1.200	122	-9.0	3.23	51.83
1238	.42	50	6.31	15.68	1.194	108	-2.2	3.09	52.31
1243	.49	50	6.20	15.37	1.182	105	11.8	3.00	52.67
1248	.56	50	6.18	14.95	1.157	100	14.6	3.06	53.16
1253	.63	50	6.15	14.89	1.150	104	17.6	3.07	53.40

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1255	.65	6.12	14.94	1.143	104	19.1	3.06	53.40	cloudy

FERROUS IRON (mg/L): 0 ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 56.47 TIME FINAL DEPTH TAKEN: 13.15

SAMPLE ID: MW-04D-04 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		3-8-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 3-8-16 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, rain, 50s, light S wind

WELL NUMBER: MW-04S DEPTH TO WATER (ft): 30.16

TOTAL DEPTH (ft): 37.18 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1418	I	50	6.98	13.51	0.691	983	-40.2	9.20	31.22
1423	.07	50	6.93	13.57	0.667	OOR	-50.0	4.54	31.31
1428	.14	50	6.96	13.64	0.664	OOR	-51.3	3.78	31.38
1433	.21	50	6.98	13.73	0.663	OOR	-51.5	3.38	31.46
1438	.28	50	6.99	13.84	0.665	OOR	-51.9	3.22	31.50
1443	.35	50	7.00	13.91	0.667	OOR	-53.1	3.14	31.54
1448	.42	50	7.00	13.94	0.669	OOR	-53.6	3.14	31.57
~~1453~~									

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1450	.45	7.01	14.02	0.671	OOR	-55.1	3.12	31.59	Cloudy

FERROUS IRON (mg/L): 0.8 mg/L ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 32.04 TIME FINAL DEPTH TAKEN: 1545

SAMPLE ID: MW-04S-04 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, ALK, Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		3-8-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 3-9-16 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 40s-50s, N wind 5-15 mph

WELL NUMBER: MW-05D DEPTH TO WATER (ft): 47.89

TOTAL DEPTH (ft): 64.40 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump (Nondedicated Bladder Pump) Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1019	I	50	6.72	11.53	1.251	64.1	-37.0	13.60	48.97
1024	.07	50	6.80	11.80	1.366	40.8	-47.9	6.80	49.28
1029	.14	50	6.86	11.91	1.396	30.5	-53.6	5.19	49.58
1034	.21	50	6.93	12.04	1.422	23.4	-57.6	3.87	50.15
1039	.28	50	7.00	12.13	1.435	20.3	-63.6	3.17	50.38
1044	.35	50	7.01	12.16	1.438	17.4	-68.3	2.89	50.69
1049	.42	50	7.03	12.22	1.439	17.1	-71.7	2.59	50.91
1054	.49	50	7.05	12.34	1.442	17.3	-72.9	2.52	51.22
1059	.56	50	7.06	12.55	1.446	17.0	-74.7	2.50	51.54

Continued on back (circle one) yes (no)

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1100	.57	7.06	12.60	1.447	17.0	-74.1	2.50	51.54	Clear

FERROUS IRON (mg/L): 1.10 ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 53.19 TIME FINAL DEPTH TAKEN: 1128

SAMPLE ID: MW-050-04 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		3-9-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 3-8-16 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: PC, 50s-60s, S wind 15-25 mph

WELL NUMBER: MW-060 DEPTH TO WATER (ft): 26.07

TOTAL DEPTH (ft): 51.50 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump (Nondedicated Bladder Pump) Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
0857	I	50	7.11	15.21	0.771	22.4	-77.4	10.92	26.80
0902	.07	50	6.89	15.11	0.779	13.4	-77.2	5.16	27.43
0907	.14	50	7.00	15.17	0.783	9.82	-86.2	3.57	27.68
0912	.21	50	7.10	15.42	0.788	10.7	-94.7	2.85	27.91
0917	.28	50	7.12	15.68	0.795	7.25	-102.6	2.46	28.29
0922	.35	50	7.13	15.82	0.798	6.81	-109.3	2.28	28.52
0927	.42	50	7.13	16.00	0.802	5.79	-114.2	2.12	28.82
0932	.49	50	7.14	16.13	0.805	5.80	-119.3	2.01	29.16
0937	.56	50	7.14	16.22	0.806	5.61	-122.2	1.98	29.40
0942	.63	50	7.13	16.22	0.807	5.71	-125.7	1.94	29.69

Continued on back (circle one) yes (no)

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
0945	.65	7.13	16.21	0.807	5.71	-125.3	1.92	29.70	Clear

FERROUS IRON (mg/L): 0.50 ALKALINITY (mg/L): N/A IDW TOTAL: 1.0

FINAL DEPTH TO WATER (ft TOC): 31.35 TIME FINAL DEPTH TAKEN: 1005

SAMPLE ID: MW-060-04 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		3-8-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 3-8-16 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 60s, S wind 15-25 mph

WELL NUMBER: MW-065 DEPTH TO WATER (ft): 13.49

TOTAL DEPTH (ft): 23.55 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: - ft of water in casing X - gallons/foot = - total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1027	I	110	7.08	16.85	0.382	83.1	-21.7	24.00	13.91
1032	.15	110	6.93	16.91	0.714	64.0	-3.6	7.59	13.99
1037	.30	110	6.91	16.79	0.713	63.2	7.5	5.55	13.99
1042	.45	110	6.91	17.07	0.717	71.1	16.4	4.66	13.99
1047	.60	110	6.92	17.40	0.720	59.7	21.4	4.29	13.99
1052	.75	110	6.85	15.77	0.697	48.1	30.5	4.60	14.29
1057	.90	110	6.82	15.33	0.688	36.6	37.7	4.11	14.72
1102	1.05	110	6.79	15.19	0.685	25.7	44.1	3.86	14.97
1107	1.20	110	6.77	15.17	0.684	21.6	46.9	3.71	14.99
1112	1.35	110	6.77	15.10	0.683	20.8	48.9	3.68	15.08
1117	1.50	110	6.78	15.04	0.682	20.1	49.7	3.66	15.12

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1120	1.60	6.77	15.01	0.682	20.1	49.9	3.45	15.17	Clear

FERROUS IRON (mg/L): 0 ALKALINITY (mg/L): N/A IDW TOTAL: 2

FINAL DEPTH TO WATER (ft TOC): 15.42 TIME FINAL DEPTH TAKEN: 1125

SAMPLE ID: MW-065-04 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, AIK, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	T. Bryant		3-8-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 3-9-16 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: PC, 40s, S wind 5-15 mph.

WELL NUMBER: MW-07S DEPTH TO WATER (ft): 26.76

TOTAL DEPTH (ft): 35.42 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump (Nondedicated Bladder Pump) Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
0823	I	50	7.02	10.66	0.501	OOR	-42.7	11.76	27.09
0828	.07	50	6.97	10.79	0.508	418	-46.3	6.55	26.99
0833	.14	50	6.95	10.54	0.504	410	-44.1	5.12	26.96
0838	.21	50	6.92	10.42	0.501	360	-40.1	4.36	26.98
0843	.28	50	6.90	10.47	0.501	363	-37.5	3.79	27.00
0848	.35	50	6.91	10.48	0.500	331	-36.9	3.48	26.99
0853	.42	50	6.91	10.51	0.501	315	-36.4	3.30	26.98
0858	.49	50	6.92	10.61	0.502	306	-35.5	3.11	27.01
0903	.56	50	6.92	10.66	0.502	301	-35.2	3.05	27.00
0908	.63	50	6.91	10.69	0.503	285	-34.1	2.98	27.00
0913	.70	50	6.91	10.75	0.503	276	-32.4	2.83	26.98
0918	.77	50	6.91	10.87	0.505	271	-30.2	2.81	26.99
0923	.84	50	6.91	10.89	0.505	270	-29.9	2.79	27.00

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
0925	.85	6.91	10.91	0.506	270	-29.2	2.75	27.00	Cloudy

FERROUS IRON (mg/L): 0.70 mg/L ALKALINITY (mg/L): N/A IDW TOTAL: _____

FINAL DEPTH TO WATER (ft TOC): 27.01 TIME FINAL DEPTH TAKEN: 0935

SAMPLE ID: MW-07S (FB) -04 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	S. Bryant		3-9-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 6-28-16 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: PC, 70s, NE wind 5-15 mph.

WELL NUMBER: MW-01D DEPTH TO WATER (ft): 45.85

TOTAL DEPTH (ft): 68.39 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1159	I	60	6.8	24.47	1.266	68.0	-69.7	6.71	46.58
1204	.08	50	6.7	23.80	1.268	56.0	-72.4	2.80	47.16
1209	.15	50	6.7	23.35	1.251	49.4	-68.6	2.13	47.61
1214	.22	50	6.7	23.11	1.239	41.6	-66.7	1.86	48.10
1219	.29	50	6.6	23.08	1.229	35.7	-60.0	1.62	48.61
1224	.36	50	6.5	23.66	1.232	31.0	-71.3	1.48	48.87
1229	.43	50	6.5	23.88	1.234	28.5	-74.9	1.47	49.16
1234	.50	50	6.4	24.27	1.237	25.6	-77.0	1.42	49.72
1239	.57	50	6.4	24.29	1.233	23.5	-75.6	1.30	50.26
1244	.64	50	6.4	24.05	1.227	22.9	-75.7	1.27	50.44
1249	.71	50	6.4	23.79	1.212	22.5	-70.1	1.28	51.00

Continued on back (circle one) yes / NO

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1255	.80	6.4	24.15	1.200	22.0	-67.0	1.27	51.36	Clear

FERROUS IRON (mg/L): 1.2 mg/L ALKALINITY (mg/L): N/A IDW TOTAL: 1.25

FINAL DEPTH TO WATER (ft TOC): 52.56 TIME FINAL DEPTH TAKEN: 1308

SAMPLE ID: MW-01D-05 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		6-28-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 6-27-16 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 30447 WEATHER: Clear to PC, 90s, SSE wind

WELL NUMBER: MW-02D DEPTH TO WATER (ft): 41.24

TOTAL DEPTH (ft): 58.63 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other (B)

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1259	I	140	7.72	23.28	0.706	29.8	165.2	8.04	41.74
1304	0.18	140	7.12	22.78	0.655	22.7	55.5	2.37	42.47
1309	0.36	60	6.57	24.56	0.668	22.4	22.2	1.95	43.46
1314	0.44	60	6.95	27.29	0.706	22.6	-16.7	1.91	44.30
1319	0.52	60	6.87	27.88	0.715	22.8	-22.1	1.91	44.89
1324	0.60	60	6.84	27.89	0.715	18.7	-26.2	1.86	45.36
1329	0.68	60	6.83	27.80	0.713	16.9	-20.0	1.82	45.75
1334	0.76	60	6.82	27.93	0.713	16.4	-11.1	1.75	46.23
1339	0.84	60	6.85	28.10	0.715	16.5	-16.6	1.70	46.62

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1345	0.95	6.92	28.12	0.714	16.5	-14.5	1.70	47.05	clear

FERROUS IRON (mg/L): 0.10 mg/L ALKALINITY (mg/L): N/A IDW TOTAL: 1.5

FINAL DEPTH TO WATER (ft TOC): 50.39 TIME FINAL DEPTH TAKEN: ~~1345~~ 1407

SAMPLE ID: MW-020-05 SAMPLE ID FOR QC: MW-020-15

PARAMETERS REQUESTED FOR ANALYSIS: VOC, Anions 9056, RSK-175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS:

	NAME	SIGNATURE	DATE
PREPARED:	T. Bryant		6-27-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 6-27-16 SITE: Farber Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: clear to PC, 90s - SE wind 5 mph.

WELL NUMBER: MW-02S

DEPTH TO WATER (ft): 21.93

TOTAL DEPTH (ft): 34.42 WELL DIAMETER (inches): 2"

PURGING

CASING VOLUME CALCULATION: - ft of water in casing X - gallons/foot = - total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1432	I	150	7.50	28.26	0.779	13.7	98.5	12.11	22.27
1437	0.2	150	5.63	26.57	0.737	7.49	105.0	3.54	22.25
1142	0.4	150	5.31	25.21	0.719	5.17	114.6	3.31	22.30
1447	0.6	150	4.93	25.77	0.723	3.82	120.7	2.52	22.29
1452	0.8	150	6.20	19.70	0.631	3.65	145.7	2.32	22.34
1457	1.0	150	6.20	20.40	0.637	3.10	152.9	1.93	22.41
1502	1.2	150	6.20	21.54	0.643	3.07	157.2	1.48	22.40
1507	1.4	150	6.20	22.97	0.675	3.05	121.0	1.39	22.39
1512	1.6	150	6.20	23.43	0.685	2.90	112.1	1.32	22.37
1517	1.8	150	6.20	23.70	0.690	2.94	111.7	1.29	22.35
1522	2.0	150	6.20	23.50	0.689	2.91	117.4	1.27	22.31

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1525	2.2	6.1	23.39	0.684	2.90	119.3	1.25	22.33	Clear

FERROUS IRON (mg/L): 0.10 ALKALINITY (mg/L): N/A IDW TOTAL: 2.5

FINAL DEPTH TO WATER (ft TOC): 22.65 TIME FINAL DEPTH TAKEN: 1600

SAMPLE ID: MW-02S-05 SAMPLE ID FOR QC: MW-02S-05MS/MSD

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, AIK & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		6-27-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 6-28-16 SITE: Eccles 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, WNW wind 10-15 mph

WELL NUMBER: MW-03D DEPTH TO WATER (ft): 42.03

TOTAL DEPTH (ft): 57.32 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: ~ ft of water in casing X ~ gallons/foot = ~ total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1022	I	140	6.7	19.73	1.033	84.7	-32.8	7.27	42.87
1027	0.18	140	6.7	18.50	1.073	74.6	-58.8	2.36	43.35
1032	0.36	50	6.8	19.99	1.118	66.4	-82.9	1.52	43.88
1037	0.43	50	6.9	20.18	1.124	55.6	-89.1	1.41	44.20
1042	0.50	50	6.9	20.20	1.120	49.4	-96.3	1.25	44.72
1047	0.57	50	6.9	19.91	1.108	41.8	-101.9	1.13	45.01
1052	0.64	50	6.9	19.90	1.105	37.1	-102.9	1.08	45.51
1057	0.71	50	6.9	20.00	1.098	24.6	-106.1	1.01	46.03
1102	0.78	50	6.9	20.26	1.094	23.2	-109.9	0.95	46.43
1108	0.85	50	6.9	20.31	1.091	22.8	-112.4	0.97	46.80

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1110	0.90	6.9	20.29	1.088	23.0	-112.1	0.92	46.91	46.91

FERROUS IRON (mg/L): 1.0 mg/L ALKALINITY (mg/L): N/A IDW TOTAL: 1.5

FINAL DEPTH TO WATER (ft TOC): 48.41 TIME FINAL DEPTH TAKEN: 1133

SAMPLE ID: MW-03D-05 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK175, AIK, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		6-28-17
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 6-28-16 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 60s, ESE wind 5-10

WELL NUMBER: MW-035 DEPTH TO WATER (ft): 20.84

TOTAL DEPTH (ft): 30.47 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
0835	I	75	6.30	16.48	0.409	32.7	195.6	6.65	21.30
0840	0.1	75	7.0	16.65	0.408	29.8	192.1	5.20	21.26
0845	0.2	75	7.0	16.68	0.409	26.2	185.0	5.07	21.25
0850	0.3	75	7.0	16.64	0.408	23.6	176.5	4.60	21.30
0855	0.4	75	6.9	16.73	0.408	20.5	171.4	4.46	21.28
0900	0.5	75	6.9	16.85	0.409	18.3	165.5	4.36	21.30
0905	0.6	75	6.8	17.06	0.410	15.9	157.8	4.26	21.26
0910	0.7	75	6.8	17.14	0.411	14.7	154.0	4.20	21.28
0915	0.8	75	6.8	17.21	0.411	10.0	151.0	4.13	21.30
0920	0.9	75	6.8	17.22	0.411	9.8	150.2	4.23	21.27
0925	1.0	75	6.8	17.34	0.410	9.6	145.2	4.07	21.28

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
0930	1.1	6.8	17.44	0.416	9.6	141.6	4.00	21.30	clear

FERROUS IRON (mg/L): 0.10 mg/L ALKALINITY (mg/L): N/A IDW TOTAL: 1.5

FINAL DEPTH TO WATER (ft TOC): 21.30 TIME FINAL DEPTH TAKEN: 0945

SAMPLE ID: MW-035-05 SAMPLE ID FOR QC: MW-035-15

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, AIK, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		6-28-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 6-28-16 SITE: Forest Atlas 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: MC, 70s-80s, E wind 5-15 mph

WELL NUMBER: MW-04D DEPTH TO WATER (ft): 49.63

TOTAL DEPTH (ft): 66.57 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1345	I	50	6.6	22.57	1.052	121	-29.6	7.45	50.52
1350	0.07	50	6.6	21.75	1.027	111	-22.4	2.63	51.27
1355	0.14	50	6.6	22.29	1.039	100	-31.2	2.23	51.94
1400	0.21	50	6.6	22.58	1.042	86.9	-37.2	1.99	52.45
1405	0.28	50	6.6	22.59	1.039	79.7	-35.6	1.84	53.01
1410	0.35	50	6.6	22.64	1.034	73.4	-36.9	1.69	53.65
1415	0.42	50	6.6	22.65	1.033	77.7	-34.9	1.61	54.26
1420	0.49	50	6.6	22.67	1.035	75.4	-36.2	1.60	54.85

Continued on back (circle one) yes (no)

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1425	0.56	6.6	22.61	1.033	75.0	-37.0	1.63	55.32	sl. cloudy

FERROUS IRON (mg/L): 0.50 mg/L ALKALINITY (mg/L): N/A IDW TOTAL: 1.0

FINAL DEPTH TO WATER (ft TOC): 57.22 TIME FINAL DEPTH TAKEN: 1441

SAMPLE ID: MW-04D-05 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		6-28-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 6-20-16 SITE: Forbes Atlas 1-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: PC, 80s, E wind 5-15 mph.

WELL NUMBER: MW-04S DEPTH TO WATER (ft): 29.49

TOTAL DEPTH (ft): 37.17 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1505	I	50	7.2	24.06	0.588	178	-42.7	5.72	30.18
1510	0.07	50	7.0	23.65	0.580	167	-39.5	3.89	30.47
1515	0.14	50	7.1	23.55	0.576	168	-39.8	3.27	30.73
1520	0.21	50	7.1	24.08	0.570	124	-36.2	3.74	31.03
1525	0.28	50	7.1	24.55	0.571	102	-33.2	3.84	31.18
1530	0.35	50	7.1	24.63	0.571	99	-29.4	3.89	31.29
1535	0.42	50	7.1	24.82	0.572	98	-27.6	3.85	31.47

Continued on back (circle one) yes / no

SAMPLING Equipment Used: ~~Same as above~~ Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1540	0.49	7.1	24.98	0.574	99	-25.7	3.89	31.62	Sl. cloudy

FERROUS IRON (mg/L): 0.5 mg/L ALKALINITY (mg/L): N/A IDW TOTAL: 1.0

FINAL DEPTH TO WATER (ft TOC): 32.11 TIME FINAL DEPTH TAKEN: 1400

SAMPLE ID: MW-04S-05 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, MEE-RSK175, 8056 Anions, AIK, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		6-20-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 6-30-16 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 70s, NW wind 5-10 mph

WELL NUMBER: MW-050 DEPTH TO WATER (ft): 48.27

TOTAL DEPTH (ft): 64.37 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
0955	I	60	7.0	23.74	1.324	69.6	-53.3	6.84	49.35
1000	.08	60	6.9	22.71	1.328	25.3	-56.5	3.05	49.77
1005	.16	60	6.9	22.44	1.325	22.6	-58.4	2.21	50.27
1010	.24	50	7.0	23.02	1.344	19.2	-60.7	1.90	50.73
1015	.31	50	7.0	23.95	1.372	19.3	-69.7	1.93	51.10
1020	.38	50	7.0	25.94	1.420	19.6	-66.8	1.98	51.35
1025	.45	50	7.0	26.12	1.439	19.3	-67.3	1.93	51.63
1030	.52	50	7.0	26.21	1.448	19.4	-70.2	1.91	51.91

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1035	.59	7.0	26.28	1.456	19.5	-70.2	1.89	52.2	Clear

FERROUS IRON (mg/L): 1.5 mg/L ALKALINITY (mg/L): N/A IDW TOTAL: 1.0

FINAL DEPTH TO WATER (ft TOC): 54.15 TIME FINAL DEPTH TAKEN: 1052

SAMPLE ID: MW-050-05 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		6-30-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 6-30-16 SITE: Forbes Atlas 3-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: FC, 80s, NW wind 5-15 mph.

WELL NUMBER: MW-060 DEPTH TO WATER (ft): 26.65

TOTAL DEPTH (ft): 51.51 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1300	I	60	7.4	27.97	0.742	92.4	-42.0	6.13	27.30
1305	.07	60	7.2	24.98	0.750	64.6	-56.8	2.97	27.90
1310	.14	60	7.2	26.37	0.743	37.1	-65.6	2.14	28.30
1315	.21	50	7.1	27.16	0.751	34.4	-81.2	1.72	28.84
1320	.28	50	7.1	27.55	0.758	30.8	-82.7	1.63	29.29
1325	.35	50	7.1	28.07	0.764	24.1	-90.8	1.56	29.67
1330	.42	50	7.1	28.25	0.769	21.0	-90.5	1.56	30.06
1335	.49	50	7.1	28.07	0.765	20.4	-85.3	1.60	30.56
1340	.56	50	7.1	27.80	0.762	20.0	-88.9	1.62	31.07

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1345	.63	7.1	27.82	0.761	20.2	-82.7	1.64	31.52	Clear

FERROUS IRON (mg/L): 0.60 mg/L ALKALINITY (mg/L): N/A IDW TOTAL: 1.0

FINAL DEPTH TO WATER (ft TOC): 33.26 TIME FINAL DEPTH TAKEN: 1402

SAMPLE ID: MW-060-05 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, AIK, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		6-30-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 6-30-16 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 80s, NW wind @ 5-15 mph

WELL NUMBER: MW-06S DEPTH TO WATER (ft): 12.67

TOTAL DEPTH (ft): 23.57 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1600	I	60	7.1	24.16	0.600	70.1	119.8	6.74	13.47
1605	.08	60	7.0	23.96	0.576	62.4	127.1	5.24	13.58
1610	.16	60	6.9	23.56	0.569	50.2	128.4	4.30	13.75
1615	.24	60	6.9	23.81	0.569	34.2	122.8	4.10	13.81
1620	.32	60	6.9	24.62	0.579	27.6	110.2	3.87	13.96
1625	.40	60	6.9	24.99	0.585	23.2	103.0	3.75	14.02
1630	.48	60	6.9	25.19	0.589	22.7	100.7	3.61	14.04
1635	.56	60	6.9	25.21	0.589	22.4	101.2	3.52	14.06

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1640	.64	6.9	25.28	0.590	22.0	101.0	3.45	14.13	Clear

FERROUS IRON (mg/L): 0.1 mg/L ALKALINITY (mg/L): N/A IDW TOTAL: 1.0

FINAL DEPTH TO WATER (ft TOC): 14.40 TIME FINAL DEPTH TAKEN: 1651

SAMPLE ID: MW-06S-05 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, AIK, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Brandt		6-30-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 6-30-16 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: PC, 70s, NW wind 10-15 mph

WELL NUMBER: MW-07S DEPTH TO WATER (ft): 24.69

TOTAL DEPTH (ft): 35.31 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1120	I	75	7.3	27.02	0.568	401	84.9	4.31	25.37
1125	0.1	75	7.3	24.43	0.514	375	90.8	4.58	25.41
1130	0.2	75	7.2	23.53	0.498	347	93.4	3.93	25.41
1135	0.3	75	7.2	23.11	0.490	310	93.0	3.50	25.46
1140	0.4	75	7.1	23.34	0.491	266	87.6	3.46	25.46
1145	0.5	75	7.2	23.46	0.492	212	80.5	3.13	25.47
1150	0.6	75	7.1	23.26	0.490	173	79.1	2.82	25.47
1155	0.7	75	7.1	23.30	0.489	147	78.4	2.72	25.47
1200	0.8	75	7.1	23.34	0.489	137	76.8	2.51	25.47
1205	0.9	75	7.1	23.29	0.489	141	76.0	2.45	25.47
1210	1.0	75	7.1	23.24	0.487	135	76.6	2.37	25.47

Continued on back (circle one) yes (no)

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1215	1.1	7.1	23.52	0.490	131	76.6	2.43	25.47	sl. cloudy

FERROUS IRON (mg/L): 0.3 mg/L ALKALINITY (mg/L): N/A IDW TOTAL: 1.5

FINAL DEPTH TO WATER (ft TOC): 25.50 TIME FINAL DEPTH TAKEN: 1220

SAMPLE ID: MW-07S-05 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		6-30-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 6-29-16 SITE: Forbes Atlas 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: PC, 70s, SE wind 5-15 mph

WELL NUMBER: MW-08S DEPTH TO WATER (ft): 16.43

TOTAL DEPTH (ft): 23.07 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1012	I	90	7.3	24.20	0.576	34.2	102.0	8.62	16.77
1017	0.1	90	7.1	22.98	0.558	42.8	123.7	3.02	16.87
1022	0.2	90	7.1	22.80	0.555	35.9	121.3	2.45	16.95
1027	0.3	90	7.1	22.77	0.554	27.4	113.6	2.09	17.01
1032	0.4	90	7.1	21.84	0.542	24.2	113.6	2.03	17.09
1037	0.5	90	7.1	21.74	0.540	17.3	114.0	1.87	17.16
1042	0.6	90	7.1	21.57	0.538	14.2	111.5	1.75	17.25
1047	0.7	90	7.1	21.45	0.536	12.8	108.7	1.69	17.27
1052	0.8	90	7.1	21.51	0.536	13.4	107.8	1.69	17.35

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1055	0.9	7.1	21.60	0.537	13.0	104.6	1.64	17.40	Clear

FERROUS IRON (mg/L): 0.1 mg/L ALKALINITY (mg/L): N/A IDW TOTAL: 1.25

FINAL DEPTH TO WATER (ft TOC): 17.41 TIME FINAL DEPTH TAKEN: 1110

SAMPLE ID: MW-08S-01 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 8056 Anions, RSK 175, Alk & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		6-29-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 6-29-16 SITE: Fochs Atlas 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 30441 WEATHER: PC, 60s-70s, SE wind 5-15 mph

WELL NUMBER: MW-09S

DEPTH TO WATER (ft): 14.98

TOTAL DEPTH (ft): 25.54 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
0842	I	50	7.5	21.57	0.550	26.0	137.3	6.62	15.41
0847	.07	50	7.3	21.56	0.550	11.3	127.7	6.92	15.41
0852	.14	60	7.3	21.62	0.554	9.38	123.2	4.11	15.47
0857	.22	80	7.3	20.66	0.544	7.41	125.5	3.80	15.58
0902	.32	80	7.2	19.82	0.533	8.37	135.9	3.26	15.63
0907	.42	80	7.2	19.34	0.526	7.91	140.7	2.97	15.71
0912	.52	80	7.2	19.31	0.525	7.84	139.9	2.96	15.70
0917	.62	80	7.2	19.39	0.525	7.67	136.6	2.96	15.71
0922	.72	80	7.2	19.65	0.528	7.54	133.1	2.84	15.71

Continued on back (circle one) yes (no)

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
0925	0.80	7.2	19.66	0.533	7.62	129.6	2.81	15.70	clear

FERROUS IRON (mg/L): 0.00 mg/L ALKALINITY (mg/L): N/A IDW TOTAL: 1.25

FINAL DEPTH TO WATER (ft TOC): 15.72 TIME FINAL DEPTH TAKEN: 0940

SAMPLE ID: MW-09S-01 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		6-29-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 6-29-16 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: 70s, PC, C wind 5-15 mph

WELL NUMBER: MW-105 DEPTH TO WATER (ft): 14.17

TOTAL DEPTH (ft): 24.83 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1138	I	90	7.1	22.12	0.564	35.6	119.3	15.32	14.83
1143	0.12	90	7.0	21.32	0.556	37.4	139.0	7.65	15.25
1148	0.24	60	7.0	21.83	0.561	32.7	135.5	7.09	15.42
1153	0.32	60	7.0	22.19	0.569	28.2	125.1	6.80	15.52
1158	0.40	60	7.0	22.65	0.579	22.4	118.5	6.54	15.71
1203	0.48	60	7.0	23.10	0.588	19.9	115.0	6.45	15.85
1208	0.56	60	7.0	23.50	0.597	15.0	112.5	6.21	15.93
1213	0.64	60	7.0	23.89	0.605	14.7	110.2	6.09	16.00
1218	0.72	60	7.0	23.77	0.609	14.5	108.9	6.05	16.09

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1220	0.75	7.0	23.91	0.614	14.3	108.0	6.00	16.17	clear

FERROUS IRON (mg/L): 0.1 mg/L ALKALINITY (mg/L): N/A IDW TOTAL: 1.25

FINAL DEPTH TO WATER (ft TOC): 16.58 TIME FINAL DEPTH TAKEN: 1236

SAMPLE ID: MW-105-01 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, AIK, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		6-29-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 6-29-16 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80497 WEATHER: IC, 80s, E wind 5 mph

WELL NUMBER: MW-115 DEPTH TO WATER (ft): 16.77

TOTAL DEPTH (ft): 24.87 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1318	I	50	6.9	30.40	0.829	61.8	113.8	5.05	17.39
1323	0.07	50	6.8	29.71	0.817	63.4	114.1	3.39	17.57
1328	0.14	50	6.8	28.81	0.804	66.8	105.3	2.69	17.75
1333	0.21	50	6.8	28.23	0.796	54.6	104.7	2.51	17.87
1338	0.28	50	6.8	27.61	0.785	43.1	107.2	2.36	17.93
1343	0.35	50	6.8	27.42	0.784	36.7	105.9	2.23	18.00
1348	0.42	50	6.8	27.27	0.782	34.8	105.0	2.13	18.18
1353	0.49	50	6.8	27.48	0.786	34.2	102.8	2.05	18.29
									~~18.30~~ JB

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1355	0.55	6.8	27.53	0.788	33.8	99.4	2.04	18.30	Sl. cloudy

FERROUS IRON (mg/L): 0.1 mg/L ALKALINITY (mg/L): N/A IDW TOTAL: 1.0

FINAL DEPTH TO WATER (ft TOC): 18.39 TIME FINAL DEPTH TAKEN: 1417

SAMPLE ID: MW-115-01 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSE 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☐ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		6-29-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 6-29-16 SITE: Forbes Atlas 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: pc, 80s, S wind 5-15

WELL NUMBER: MW-125 DEPTH TO WATER (ft): 18.53

TOTAL DEPTH (ft): 27.09 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: - ft of water in casing X - gallons/foot = - total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1458	I	60	7.0	27.39	1.044	102	116.9	7.00	18.84
1503	.08	60	6.9	26.15	1.033	94.6	119.1	4.58	18.92
1508	.14	60	6.9	26.07	1.034	80.2	115.0	3.69	19.06
1513	.24	60	6.9	25.85	1.032	84.2	111.5	3.36	19.19
1518	.32	60	6.9	25.75	1.026	84.8	110.7	3.18	19.27
1523	.40	60	6.9	25.33	1.013	84.2	111.8	3.08	19.37
1528	.48	60	6.9	25.39	1.011	80.3	111.6	3.01	19.42

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1530	.50	6.9	25.24	1.009	80.0	110.1	2.98	19.44	sl. cloudy

FERROUS IRON (mg/L): 0.1 mg/L ALKALINITY (mg/L): N/A IDW TOTAL: 1.0

FINAL DEPTH TO WATER (ft TOC): 19.63 TIME FINAL DEPTH TAKEN: 15:49

SAMPLE ID: MW-125-01 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, AIK, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		6-29-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 6-30-16 SITE: Forbes Atlas 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: PC, 80s, NW wind 5-15 mph.

WELL NUMBER: MW-13S DEPTH TO WATER (ft): 10.97

TOTAL DEPTH (ft): 19.78 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1440	I	40	7.5	27.23	0.633	19.1	99.9	7.81	11.30
1445	.05	40	7.3	26.16	0.614	17.6	116.5	6.86	11.34
1450	.10	40	7.3	25.82	0.603	12.3	121.0	6.44	11.36
1455	.15	40	7.2	25.54	0.599	11.8	119.8	6.29	11.39
1500	.20	40	7.2	25.30	0.595	10.9	118.1	6.17	11.42
1505	.25	40	7.2	25.16	0.593	11.1	117.2	6.09	11.44

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1510	.30	7.2	25.22	0.593	11.0	114.6	6.01	11.46	clear

FERROUS IRON (mg/L): 0.0 mg/L ALKALINITY (mg/L): N/A IDW TOTAL: 1.0

FINAL DEPTH TO WATER (ft TOC): 11.67 TIME FINAL DEPTH TAKEN: 1534

SAMPLE ID: MW-13S-01 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 8056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: 10 After: 10

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		6-30-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 9-13-16 SITE: Forbes Atlas 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 70s, S wind 0-5 mph

WELL NUMBER: MW-01D DEPTH TO WATER (ft): 46.09

TOTAL DEPTH (ft): 68.39 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
0837	I	50	6.79	17.72	1.227	199	-67.3	21.04	46.55
0842	0.07	50	6.71	17.47	1.273	244	-67.2	3.24	46.96
0847	0.14	50	6.74	17.39	1.241	236	-74.5	1.87	47.42
0852	0.21	50	6.68	17.36	1.270	178	-76.1	1.53	47.98
0857	0.28	50	6.66	17.42	1.248	190	-76.3	1.43	48.32
0902	0.35	50	6.60	17.50	1.242	164	-76.6	1.32	48.63
0907	0.42	50	6.55	17.65	1.269	139	-77.2	1.21	49.08
0912	0.49	50	6.52	17.83	1.301	120	-76.5	1.15	49.46
0917	0.56	50	6.50	17.92	1.276	95.7	-81.2	1.11	49.91
0922	0.63	50	6.48	17.92	1.270	89.5	-85.3	1.08	50.31
0927	0.70	50	6.47	17.88	1.248	87.4	-81.3	1.09	50.74

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
0930	0.75	6.46	17.87	1.229	87.4	-84.7	1.11	50.90	Cloudy

FERROUS IRON (mg/L): ~~0.80~~ 1.40 (03) ALKALINITY (mg/L): N/A IDW TOTAL: 1.0

FINAL DEPTH TO WATER (ft TOC): 52.33 TIME FINAL DEPTH TAKEN: 0943

SAMPLE ID: MW-01D-06 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☐ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		9-13-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 9-13-16 SITE: Focus Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: PC, 80s, NE wind 5-15 mph

WELL NUMBER: MW-02D DEPTH TO WATER (ft): 41.89

TOTAL DEPTH (ft): 58.63 WELL DIAMETER (inches): 2"

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Non-dedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1309	I	60	7.54	24.67	0.805	17.3	-33.3	26.92	42.48
1314	0.08	60	7.39	22.73	0.758	11.0	-28.8	2.83	42.96
1319	0.16	60	7.37	23.17	0.772	4.91	-28.7	2.27	43.31
1324	0.24	60	7.37	23.54	0.779	4.45	-28.5	2.18	43.64
1329	0.32	60	7.37	23.74	0.785	2.52	-29.8	2.06	44.05
1334	0.40	60	7.36	23.77	0.787	2.68	-28.4	1.92	44.32
1339	0.48	60	7.37	24.25	0.788	2.60	-29.5	1.83	44.62
1344	0.56	60	7.38	24.06	0.788	2.65	-30.4	1.85	45.10

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1345	0.60	7.38	24.10	0.780	2.65	-28.6	1.87	45.17	Clear

FERROUS IRON (mg/L): 0.0 ALKALINITY (mg/L): N/A IDW TOTAL: 0.75

FINAL DEPTH TO WATER (ft TOC): 48.51 TIME FINAL DEPTH TAKEN: ~~1345~~ 1413

SAMPLE ID: MW-02D-06 SAMPLE ID FOR QC: MW-02D-16

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, A/K, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		9-13-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 9-15-16 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: IC, 80s, S wind 5-15 mph

WELL NUMBER: MW-025 DEPTH TO WATER (ft): 22.91

TOTAL DEPTH (ft): 34.42 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1323	F	250	6.90	20.95	0.839	26.5	-17.0	61.29	22.26
1328	0.33	250	6.36	18.60	0.765	10.1	6.6	1.21	22.30
1333	0.66	250	6.16	17.95	0.728	2.74	22.7	0.90	22.40
1338	0.99	250	6.06	17.62	0.712	2.04	36.5	0.83	22.40
1343	1.32	250	6.03	18.08	0.715	1.56	40.3	0.67	22.40
1348	1.65	250	5.99	18.19	0.711	1.66	48.2	0.55	22.40
1353	1.98	250	5.96	17.91	0.699	1.50	55.2	0.55	22.40
1358	2.31	250	5.94	17.87	0.693	1.55	56.9	0.55	22.40

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1400	2.50	5.93	17.79	0.691	1.55	56.9	0.54	22.40	Clear

FERROUS IRON (mg/L): 0.1 mg/L ALKALINITY (mg/L): N/A IDW TOTAL: 3.0

FINAL DEPTH TO WATER (ft TOC): 22.05 TIME FINAL DEPTH TAKEN: 1410

SAMPLE ID: MW-025-06 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, AIK, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		9-15-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 9-14-16 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 60s, NE wind 5-10 mph

WELL NUMBER: MW-03D DEPTH TO WATER (ft): 42.08

TOTAL DEPTH (ft): 57.32 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
0831	I	50	6.72	16.48	0.703	22.6	-39.7	7.31	42.61
0836	0.07	50	6.50	16.33	0.737	22.7	-33.0	2.52	43.04
0841	0.14	50	6.48	16.50	0.744	23.6	-29.9	2.15	43.35
0846	0.21	50	6.39	16.77	0.793	22.3	-28.5	1.89	43.72
0851	0.28	50	6.31	16.84	0.794	21.0	-27.9	1.79	44.06
0856	0.35	50	6.24	16.91	0.798	18.4	-27.6	1.68	44.49
0901	0.42	50	6.19	16.94	0.763	18.9	-22.4	1.61	44.76
0906	0.49	50	6.14	16.99	0.758	15.4	-20.1	1.59	45.14
0911	0.56	50	6.10	16.98	0.758	12.7	-17.0	1.86	45.45
0916	0.63	50	6.06	16.97	0.748	11.3	-12.7	1.82	45.91
0921	0.70	50	6.03	16.96	0.731	10.7	-9.9	1.79	46.19
0926	0.77	50	6.01	16.90	0.724	10.4	-6.1	1.75	46.51

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
0930	0.85	5.99	16.88	0.722	10.4	-3.7	1.73	46.71	Clear

FERROUS IRON (mg/L): 0.60 ALKALINITY (mg/L): N/A IDW TOTAL: 1.0

FINAL DEPTH TO WATER (ft TOC): 48.80 TIME FINAL DEPTH TAKEN: 0949

SAMPLE ID: MW-030-06 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		9-14-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 9-14-16 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 60s, NE wind 5 mph

WELL NUMBER: MW-035 DEPTH TO WATER (ft): 20.60

TOTAL DEPTH (ft): 30.47 WELL DIAMETER (Inches): 2

PURGING

CASING VOLUME CALCULATION: - ft of water in casing X - gallons/foot = - total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1010	I	75	6.97	17.67	0.479	47.3	-15.8	4.03	19.57
1015	0.1	75	6.95	17.69	0.438	42.4	-4.0	3.03	19.55
1020	0.2	75	6.80	17.54	0.415	31.6	5.8	2.74	19.69
1025	0.3	75	6.61	17.06	0.403	24.1	15.3	2.47	19.71
1030	0.4	75	6.43	16.77	0.396	15.1	25.9	2.22	19.75
1035	0.5	75	6.30	16.76	0.380	11.6	34.2	2.10	19.75
1040	0.6	75	6.35	17.17	0.396	9.21	34.3	2.06	19.75
1045	0.7	75	6.32	17.51	0.400	8.44	37.7	2.01	19.75
1050	0.8	75	6.31	17.76	0.409	8.21	40.3	1.99	19.74
1055	0.9	75	6.31	18.00	0.411	8.07	41.6	1.94	19.74

Continued on back (circle one) yes (no)

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1055	0.9	6.31	18.00	0.411		41.6	1.94	19.74	Clear

FERROUS IRON (mg/L): 0.0 ALKALINITY (mg/L): N/A IDW TOTAL: 0.5

FINAL DEPTH TO WATER (ft TOC): 19.76 TIME FINAL DEPTH TAKEN: 1120

SAMPLE ID: MW-035-06 SAMPLE ID FOR QC: MW-035-16

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: - After: -

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		9-14-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 9-12-14 SITE: Forbes/Aths S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: clear, 70s, S wind 10-15 mph

WELL NUMBER: MW-04D DEPTH TO WATER (ft): 49.98

TOTAL DEPTH (ft): 66.57 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1104	I	160	6.88	19.20	1.302	40.2	-43.3	2.45	50.77
1109	0.21	50	6.75	19.63	1.301	41.0	-60.6	1.36	51.92
1114	0.28	50	6.92	20.92	1.338	38.3	-69.4	1.31	52.19
1119	0.35	50	6.92	22.51	1.379	34.7	-69.7	1.43	52.61
1124	0.42	50	6.91	23.49	1.404	36.8	-76.2	1.50	52.99
1129	0.49	50	6.91	23.61	1.418	36.7	-77.1	1.42	53.35
1134	0.56	50	6.91	23.74	1.428	36.8	-74.4	1.42	53.71

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1135	0.58	6.90	23.80	1.433	36.8	-78.9	1.42	53.85	clear

FERROUS IRON (mg/L): 0.80 ALKALINITY (mg/L): N/A IDW TOTAL: 0.75

FINAL DEPTH TO WATER (ft TOC): 55.81 TIME FINAL DEPTH TAKEN: 1200

SAMPLE ID: MW-04D|GW01 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J.B. Yount	[signature]	9-12-14
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 9-12-14 SITE: Fecher Atlas 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: PC, 70s, S wind 15 mph.

WELL NUMBER: MW-045 DEPTH TO WATER (ft): 29.34

TOTAL DEPTH (ft): 37.17 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: ~ ft of water in casing X - gallons/foot = - total gallons/casing volume

Equipment Used: Dedicated Bladder Pump (Nondedicated Bladder Pump) Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1326	I	50	7.36	24.00	0.814	OOR	-97.1	6.56	29.84
1331	0.07	50	7.18	24.64	0.765	OOR	-102.4	0.68	30.19
1336	0.14	50	7.20	26.88	0.796	828	-97.7	0.56	30.32
1341	0.21	50	7.21	27.82	0.812	714	-95.0	0.63	30.46
1346	0.28	50	7.21	28.03	0.815	937	-95.1	0.55	30.61
1351	0.35	50	7.22	28.42	0.820	OOR	-93.5	0.57	30.72
1354	0.42	50	7.21	28.40	0.820	OOR	-89.8	0.62	30.81

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1400	0.48	7.20	28.34	0.824	OOR	-89.7	0.64	30.94	Cloudy

FERROUS IRON (mg/L): 0.00 ALKALINITY (mg/L): N/A IDW TOTAL: 0.6

FINAL DEPTH TO WATER (ft TOC): 31.57 TIME FINAL DEPTH TAKEN: 1424

SAMPLE ID: MW-045-06 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, AIK, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: - After: -

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J.R. Grant		9-12-14
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 9-12-16 SITE: Forbes Atlas 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: 90C, 80%; S wind 15-20 mph

WELL NUMBER: MW-05D DEPTH TO WATER (ft): 48.56

TOTAL DEPTH (ft): 64.37 WELL: DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1457	I	70	7.19	24.32	2.003	40.9	-120.5	1.90	49.74
1502	.09	70	7.14	24.33	1.993	27.3	-117.6	1.07	50.30
1507	.18	50	7.15	25.31	2.031	24.8	-112.6	1.09	50.64
1512	.25	50	7.14	26.28	2.050	24.9	-110.0	1.06	50.89
1517	.32	50	7.10	26.54	2.043	22.6	-102.2	1.12	51.30
1522	.39	50	7.10	26.69	2.089	23.4	-104.7	1.08	51.57

Continued on back (circle one) yes (no)

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1525	0.45	7.12	26.64	2.099	23.4	-112.2	1.07	51.80	Clear

FERROUS IRON (mg/L): 0.70 ALKALINITY (mg/L): N/A IDW TOTAL: 0.5

FINAL DEPTH TO WATER (ft TOC): 53.77 TIME FINAL DEPTH TAKEN: 1543

SAMPLE ID: MW-05D-06 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK175, A/H, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bright		9-12-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 9-14-16 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 8447 WEATHER: IC, 70s-80s, E wind 0-5 mph

WELL NUMBER: MW-060 DEPTH TO WATER (ft): 26.91

TOTAL DEPTH (ft): 51.51 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1442	F	50	7.31	23.52	0.944	24.4	-70.0	3.60	27.16
1447	0.07	50	7.24	21.91	0.921	14.8	-94.3	1.91	27.69
1452	0.14	50	7.21	22.59	0.932	11.6	-94.9	1.46	28.04
1457	0.21	50	7.21	23.36	0.952	7.69	-95.5	1.29	28.45
1502	0.28	50	7.19	23.62	0.957	8.14	-94.9	1.24	28.81
1507	0.35	50	7.17	23.51	0.956	7.86	-88.3	1.21	29.20

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1510	0.4	7.16	23.29	0.951	7.86	-88.4	1.20	29.31	clear

FERROUS IRON (mg/L): 0.50 mg/L ALKALINITY (mg/L): N/A IDW TOTAL: 0.4

FINAL DEPTH TO WATER (ft TOC): 31.09 TIME FINAL DEPTH TAKEN: 1527

SAMPLE ID: MW-060-04 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 anions, RSK 175, AIK, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		9-14-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 9-15-16 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: PC, 60s, S wind 5-10 mph

WELL NUMBER: MW-06S DEPTH TO WATER (ft): 13.32

TOTAL DEPTH (ft): 23.57 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: - ft of water in casing X - gallons/foot = - total gallons/casing volume

Equipment Used: Dedicated Bladder Pump (Nondedicated Bladder Pump) Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
0846	I	60	7.07	19.10	0.703	18.5	-7.5	4.27	10.24
0851	0.08	60	6.97	19.01	0.685	16.7	4.6	3.21	10.31
0856	0.16	60	6.93	19.17	0.694	15.2	11.1	2.97	10.39
0901	0.24	60	6.90	19.24	0.695	13.2	15.0	2.75	10.47
0906	0.32	60	6.86	19.40	0.696	11.5	21.4	2.54	10.56
0911	0.40	60	6.83	19.48	0.697	11.5	24.5	2.48	10.58
0916	0.48	60	6.81	19.55	0.697	10.7	28.2	2.46	10.61
Continued on back (circle one) yes (no)									

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
0920	0.55	6.80	19.56	0.697	10.7	29.0	2.44	10.63	Clear

FERROUS IRON (mg/L): 0.10 mg/L ALKALINITY (mg/L): N/A IDW TOTAL: 0.7

FINAL DEPTH TO WATER (ft TOC): 10.98 TIME FINAL DEPTH TAKEN: 0932

SAMPLE ID: MW-06S-06 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: - After: -

CHECKED FLOW THROUGH CELL FOR LEAKS: ☐ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		9-15-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 9-14-16 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Clear, 70s, E wind 5-10 mph

WELL NUMBER: MW-07S DEPTH TO WATER (ft): 25.46

TOTAL DEPTH (ft): 35.31 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1313	I	75	7.18	22.50	0.592	106	-10.0	6.87	24.64
1318	0.1	75	7.10	21.46	0.524	83.1	-5.0	1.79	24.62
1323	0.2	75	7.08	22.02	0.524	77.2	-2.8	1.58	24.59
1328	0.3	75	7.07	22.36	0.521	55.7	0.9	1.41	24.59
1333	0.4	75	7.06	22.34	0.515	46.7	2.2	1.33	24.59
1338	0.5	75	7.06	22.30	0.510	38.9	1.5	1.27	24.56
1343	0.6	75	7.04	22.28	0.504	32.7	1.0	1.21	24.54
1348	0.7	75	7.05	22.67	0.513	28.4	0.8	1.22	24.55
1353	0.8	75	7.06	22.87	0.514	26.8	0.6	1.17	24.55
1358	0.9	75	7.06	22.91	0.511	26.5	1.3	1.19	24.55

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1400	1.0	7.06	23.01	0.509	26.5	3.3	1.19	24.56	clear

FERROUS IRON (mg/L): 0.20 ALKALINITY (mg/L): N/A IDW TOTAL: 1.3

FINAL DEPTH TO WATER (ft TOC): 24.68 TIME FINAL DEPTH TAKEN: 1415

SAMPLE ID: MW-07S-06 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, NH3, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		9-14-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 9-13-16 SITE: Forbes Atlas 1-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 70s, SW wind 5-10 mph

WELL NUMBER: MW-08S

DEPTH TO WATER (ft): 13.71

TOTAL DEPTH (ft): 23.07 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: ~ ft of water in casing X ~ gallons/foot = ~ total gallons/casing volume

Equipment Used: Dedicated Bladder Pump (Non)dedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1440	I	75	7.34	20.91	0.396	24.4	-8.3	28.01	12.36
1445	0.1	75	7.09	19.84	0.375	31.9	3.8	1.87	12.54
1450	0.2	75	7.01	19.62	0.362	39.9	8.9	1.47	12.62
1455	0.3	75	7.03	19.55	0.358	43.1	7.9	1.24	12.70
1500	0.4	75	7.05	19.43	0.349	42.8	6.1	1.14	12.70
1505	0.5	75	7.05	19.38	0.348	37.5	7.0	1.05	12.75
1510	0.6	75	7.06	19.38	0.351	37.6	6.9	1.01	12.77
1515	0.7	75	7.07	19.29	0.349	38.2	6.9	1.00	12.79

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1515	0.7	7.07	19.29	0.349	38.2	6.9	1.00	12.79	Sl. Cloudy

FERROUS IRON (mg/L): 0.0 ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 12.86 TIME FINAL DEPTH TAKEN: 1545

SAMPLE ID: MW-08S-02 SAMPLE ID FOR QC: MW-08S-02MS/MSD

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: ~ After: ~

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J.S. Gantt		9-13-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 9-13-16 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80441 WEATHER: Cloudy, 70s, S wind 5-10 mph

WELL NUMBER: MW-09S DEPTH TO WATER (ft): 14.69

TOTAL DEPTH (ft): ~~24.83~~ 25.54 (JB) WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1006	I	60	7.26	18.23	0.717	29.1	-19.1	30.96	14.01
1011	0.08	60	7.16	18.04	0.670	24.9	-16.7	2.62	14.06
1016	0.16	60	7.14	18.23	0.659	18.2	-11.1	2.13	14.01
1021	0.24	60	7.11	18.40	0.654	15.8	-8.0	1.91	14.01
1026	0.32	60	7.09	18.46	0.661	15.1	-4.7	1.84	14.01
1031	0.40	60	7.08	18.48	0.654	14.4	-2.2	1.78	14.01
1036	0.48	60	7.07	18.46	0.654	14.0	-0.4	1.75	14.01

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1040	0.56	7.05	18.43	0.658	14.0	0.4	1.74	14.01	Clear

FERROUS IRON (mg/L): 0.0 ALKALINITY (mg/L): N/A IDW TOTAL: 0.7

FINAL DEPTH TO WATER (ft TOC): 14.01 TIME FINAL DEPTH TAKEN: 1057

SAMPLE ID: MW-09S-02 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		9-13-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 9-13-16 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 70s, NE wind 10 mph

WELL NUMBER: MW-105 DEPTH TO WATER (ft): 14.17

TOTAL DEPTH (ft): 24.83 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: - ft of water in casing X - gallons/foot = - total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1118	I	60	7.03	18.54	0.662	53.1	24.7	4.47	14.57
1123	0.08	60	6.96	18.21	0.660	41.7	27.1	2.76	14.81
1128	0.16	60	6.93	18.34	0.660	39.6	27.3	2.44	15.0
1133	0.24	60	6.94	18.54	0.663	34.6	24.9	2.26	15.13
1138	0.32	60	6.94	18.81	0.669	29.4	22.5	2.12	15.21
1143	0.40	60	6.96	19.07	0.675	20.9	19.3	1.91	15.29
1148	0.48	60	6.97	19.32	0.679	17.4	17.5	1.87	15.29
1153	0.56	60	6.98	19.63	0.690	15.2	15.5	1.78	15.31
1158	0.64	60	6.99	20.09	0.697	14.9	12.9	1.79	15.37
1203	0.72	60	7.00	20.04	0.700	14.5	12.0	1.86	15.39

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1205	0.80	7.00	19.99	0.687	14.5	11.7	1.87	15.41	Clear

FERROUS IRON (mg/L): 0.10 ALKALINITY (mg/L): N/A IDW TOTAL: 1.0

FINAL DEPTH TO WATER (ft TOC): 15.63 TIME FINAL DEPTH TAKEN: 1217

SAMPLE ID: MW-105-02 SAMPLE ID FOR QC: MW-105-02-EQB

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, AIK, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: - After: -

CHECKED FLOW THROUGH CELL FOR LEAKS: ☐ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		9-13-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 9-15-16 SITE: Former Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: PC, 70s, S wind 5-10 mph

WELL NUMBER: MW-11S DEPTH TO WATER (ft): 18.11

TOTAL DEPTH (ft): 24.87 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1141	I	50	7.02	23.51	0.929	43.7	35.0	4.11	16.50
1146	0.07	50	6.91	22.72	0.945	52.8	39.4	2.64	16.63
1151	0.14	50	6.90	22.30	0.953	58.7	38.2	2.06	16.79
1156	0.21	50	6.90	22.24	0.957	45.8	35.9	1.74	16.94
1201	0.28	50	6.90	22.64	0.969	37.9	33.5	1.58	17.02
1206	0.35	50	6.91	23.15	0.986	31.1	32.0	1.49	17.06
1211	0.42	50	6.91	23.91	1.007	26.4	29.7	1.42	17.11
1216	0.49	50	6.91	24.08	1.032	24.8	27.9	1.38	17.18
1221	0.56	50	6.90	24.21	1.039	24.5	27.7	1.38	17.21

Continued on back (circle one) yes (no)

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1225	0.6	6.90	24.30	1.049	24.5	26.6	1.39	17.23	Clear

FERROUS IRON (mg/L): 0.10 ALKALINITY (mg/L): N/A IDW TOTAL: 0.8

FINAL DEPTH TO WATER (ft TOC): 17.62 TIME FINAL DEPTH TAKEN: 1247

SAMPLE ID: MW-11S-02 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: SVOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		9-15-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 9-14-16 SITE: Forbes Atlas 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: PC, 70s, E wind 5-15

WELL NUMBER: MW-125 DEPTH TO WATER (ft): 20.54

TOTAL DEPTH (ft): 27.09 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: ~ ft of water in casing X ~ gallons/foot = ~ total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1143	I	60	7.02	21.16	0.960	216	60.1	3.20	20.76
1148	.08	60	6.98	21.13	1.182	202	56.3	2.18	20.86
1153	.16	60	6.99	21.68	1.107	174	50.4	1.78	20.97
1158	.24	60	7.00	21.90	1.211	178	46.4	1.70	21.04
1203	.32	60	6.99	21.89	1.214	154	44.2	1.63	21.15
1208	.40	60	6.98	21.60	1.225	151	42.3	1.62	21.24
1213	.48	60	6.98	21.55	1.200	147	39.8	1.64	21.29
(12) ~~1218~~	~~.56~~	~~60~~							

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1215	0.52	6.99	21.63	1.223	147	39.1	1.69	21.33	sl. cloudy

FERROUS IRON (mg/L): 0.10 ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 21.75 TIME FINAL DEPTH TAKEN: 1239

SAMPLE ID: MW-125-02 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, AIK, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: ~ After: ~

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		9-14-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 9-15-16 SITE: Forbes Atlas 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: PC, 70s, S wind 5-10 mph

WELL NUMBER: MW-135 DEPTH TO WATER (ft): 11.19

TOTAL DEPTH (ft): 19.78 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1008	I	60	7.50	21.46	0.390	64.1	24.0	40.04	10.62
1013	0.08	60	7.43	21.27	0.380	67.9	24.8	2.94	10.64
1018	0.16	60	7.41	21.36	0.378	63.5	24.9	2.32	10.72
1023	0.24	60	7.41	21.55	0.376	54.4	26.1	2.07	10.81
1028	0.32	60	7.41	21.75	0.376	47.0	26.4	2.05	10.87
1033	0.40	60	7.41	21.86	0.375	38.1	26.6	2.00	10.91
1038	0.48	60	7.41	22.05	0.374	34.4	25.9	1.95	10.99
1043	0.56	60	7.41	22.30	0.375	35.3	25.6	1.94	11.00

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1045	0.6	7.41	22.28	0.375	35.3	25.9	1.95	11.02	Sl. Cloudy

FERROUS IRON (mg/L): 0.00 ALKALINITY (mg/L): N/A IDW TOTAL: 0.8

FINAL DEPTH TO WATER (ft TOC): 11.18 TIME FINAL DEPTH TAKEN: 1108

SAMPLE ID: MW-135-02 SAMPLE ID FOR QC: MW-135-02 ERB

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, AIK, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	S. Bryant		9-15-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 12-13-16 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 8047 WEATHER: PC, 13°F, N wind 15-25

WELL NUMBER: MW-01D DEPTH TO WATER (ft): 45.57

TOTAL DEPTH (ft): 68.39 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: - ft of water in casing X - gallons/foot = - total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1053	I	50	7.79	9.13	0.806	81.4	-22.3	10.50	46.42
1058	0.07	50	7.92	10.15	1.685	52.9	-37.5	5.07	46.86
1103	0.14	50	8.08	10.79	1.762	55.4	-47.4	3.34	47.17
1108	0.21	50	8.15	10.92	1.804	41.8	-54.0	2.51	47.45
1113	0.28	50	8.19	10.83	1.810	33.5	-57.7	2.14	47.78
1118	0.35	50	8.20	10.74	1.815	32.2	-54.2	1.73	48.09
1123	0.42	50	8.21	10.65	1.814	31.4	-56.2	1.58	48.45
1128	0.49	50	8.23	10.47	1.813	31.7	-57.3	1.37	48.83
1133	0:56	50	8.26	10.38	1.807	30.8	-61.4	1.27	49.01
1138	0.63	50	8.25	10.61	1.815	31.2	-60.9	1.28	49.34

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1140	0.65	8.25	10.65	1.817	31.2	-61.2	1.28	49.50	Sl. cloudy

FERROUS IRON (mg/L): 0.30 ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 50.90 TIME FINAL DEPTH TAKEN: 11:58

SAMPLE ID: MW-010-07 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC, 9056 Anions, RSK 175, Alk, Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: - After: -

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Brant		12-13-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 12-15-16 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: MC, 20s, S wind 5-10mph

WELL NUMBER: MW-025 DEPTH TO WATER (ft): 24.43

TOTAL DEPTH (ft): 34.42 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1349	I	250	7.31	10.88	0.924	16.7	33.9	4.60	24.82
1354	0.33	250	7.18	12.23	0.968	10.3	39.3	1.82	25.04
1359	0.66	250	7.02	13.18	0.981	6.42	51.4	1.05	25.29
1404	0.99	250	6.93	13.40	0.967	3.17	61.6	0.74	25.28
1409	1.32	250	6.94	13.34	0.955	3.25	57.8	0.67	25.28
1414	1.65	250	6.90	13.42	0.945	3.10	64.4	0.59	25.28
1419	1.98	250	6.89	13.64	0.952	3.12	65.0	0.59	25.28

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1420	2	6.89	13.67	0.953	3.12	65.4	0.58	25.28	clear

FERROUS IRON (mg/L): 0.0 ALKALINITY (mg/L): N/A IDW TOTAL: 2.5

FINAL DEPTH TO WATER (ft TOC): 25.28 TIME FINAL DEPTH TAKEN: 1433

SAMPLE ID: MW-025-07 SAMPLE ID FOR QC: MW-025-17

PARAMETERS REQUESTED FOR ANALYSIS: VOC, 8056 Aniline, RSK 175, DRO, Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☐ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	T. Bryant		12-15-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 12-13-16 SITE: Forbes Atlas 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Clear,

WELL NUMBER: MW-020

DEPTH TO WATER (ft): 40.80

TOTAL DEPTH (ft): 58.63 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1515	I	60	8.19	6.56	0.756	23.4	-20.0	9.76	41.64
1520	0.08	60	8.01	6.82	0.768	10.0	-11.2	2.06	42.10
1525	0.16	60	7.74	6.62	0.767	5.60	-16.1	1.84	42.92
1530	0.24	60	7.44	6.28	0.762	5.25	17.0	1.59	43.51
1535	0.32	60	7.26	6.08	0.760	4.44	31.5	1.43	44.05
1540	0.40	60	7.15	6.03	0.757	4.34	39.0	1.34	44.47
1545	0.48	60	7.08	5.92	0.758	4.51	44.4	1.30	44.86
1550	0.56	60	7.06	5.90	0.757	4.46	46.2	1.26	45.56

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1550	0.56	7.06	5.90	0.757	4.44	46.2	1.26	45.56	Clear

FERROUS IRON (mg/L): 0.0 ALKALINITY (mg/L): N/A IDW TOTAL: 0.75

FINAL DEPTH TO WATER (ft TOC): 48.24 TIME FINAL DEPTH TAKEN: 1627

SAMPLE ID: MW-020-07 SAMPLE ID FOR QC: MW-020-17

PARAMETERS REQUESTED FOR ANALYSIS: VOC, 9056 Anions, RSK 175, Alk, Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		12-13-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 12-14-16 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 8044 WEATHER: Cloudy, 20s, NW wind 5-15 mph

WELL NUMBER: MW-035 DEPTH TO WATER (ft): 22.51

TOTAL DEPTH (ft): 30.47 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1314	I	75	8.15	6.18	0.360	24.3	-25.5	11.59	22.67
1319	0.1	75	7.96	8.33	0.648	21.8	-3.8	2.65	22.74
1324	0.2	75	7.85	9.56	0.663	18.7	8.1	1.71	22.81
1329	0.3	75	7.77	10.03	0.659	14.7	17.2	1.64	22.81
1334	0.4	75	7.71	10.40	0.660	13.9	23.9	1.59	22.81
1339	0.5	75	7.70	10.43	0.664	14.1	26.5	1.54	22.81

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1340	~~7~~ 0.5	7.70	10.46	0.664	14.1	26.6	1.54	22.81	clear

FERROUS IRON (mg/L): 0.0 ALKALINITY (mg/L): N/A IDW TOTAL: 1.

FINAL DEPTH TO WATER (ft TOC): 22.81 TIME FINAL DEPTH TAKEN: 1355

SAMPLE ID: MW-035-07 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☐ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	I.B. Tank		12-14-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 12-14-16 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 20s, NW wind 5-10 mph

WELL NUMBER: MW-030 DEPTH TO WATER (ft): 41.34

TOTAL DEPTH (ft): 57.32 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Non-dedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1037	I	50	7.81	7.85	0.938	32.9	-44.6	10.66	42.16
1042	0.07	50	7.79	10.51	1.667	28.1	-44.6	2.17	42.76
1047	0.14	50	7.58	10.74	1.722	24.0	-34.3	1.89	43.08
1052	0.21	50	7.43	10.65	1.730	21.1	-25.2	1.70	43.47
1057	0.28	50	7.32	10.42	1.726	17.7	-19.4	1.62	43.93
1102	0.35	50	7.23	9.92	1.702	15.1	-13.7	1.69	44.22
1107	0.42	50	7.18	9.83	1.693	14.3	-7.8	1.58	44.54
1112	0.49	50	7.13	9.72	1.686	14.1	-4.9	1.57	44.89

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1115	0.53	7.14	9.70	1.683	14.1	-4.6	1.56	45.22	clear

FERROUS IRON (mg/L): 0.30 ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 46.63 TIME FINAL DEPTH TAKEN: 1137

SAMPLE ID: MW-030-07 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC, 9056 Anions, RSK 175, AIK, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	T. Bryant		12-14-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 12-12-16 SITE: Forbes Atlas 5-5 PID READING at WELL HEAD (ppm): —

PROJECT NUMBER: 80447 WEATHER: PC, 20s, S wind 10-15 mph

WELL NUMBER: MW-045 DEPTH TO WATER (ft): 30.91

TOTAL DEPTH (ft): 37.17 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1228	I	50	8.59	3.59	0.743	412	-67.7	19.19	31.59
1233	0.07	50	8.65	5.10	0.682	343	-72.3	2.85	31.99
1238	0.14	50	8.62	5.84	0.654	361	-72.3	2.21	32.29
1243	0.21	50	8.58	6.33	0.641	347	-69.7	1.87	32.43
1248	0.28	50	8.55	6.02	0.628	343	-64.0	1.84	32.52
1253	0.35	50	8.54	5.98	0.618	354	-59.9	1.84	32.81

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1255	0.4	8.54	5.95	0.614	354	-61.4	1.84	32.95	cloudy

FERROUS IRON (mg/L): 0.30 ALKALINITY (mg/L): N/A IDW TOTAL: 0.75

FINAL DEPTH TO WATER (ft TOC): 32.94 TIME FINAL DEPTH TAKEN: 13:23

SAMPLE ID: MW-045-07 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOCs, 8056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		12-12-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 12-12-16 SITE: Focus 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: PC, 20s, S wind 10-15 mph

WELL NUMBER: MW-040D DEPTH TO WATER (ft): 49.36

TOTAL DEPTH (ft): 66.57 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1119	I	50	7.57	6.97	1.340	68.5	-14.5	4.68	50.73
1124	0.07	50	8.28	5.98	1.313	54.40	-67.1	2.00	51.44
1129	0.14	50	8.41	5.42	1.270	41.8	-92.3	1.60	52.21
1134	0.21	50	8.68	5.62	1.273	35.7	-105.9	1.30	52.89
1139	0.28	50	8.67	6.01	1.281	34.2	-112.4	1.13	53.85
1144	0.35	50	8.60	6.05	1.283	34.8	-108.2	1.17	54.71
1149	0.42	50	8.62	6.21	1.338	35.1	-104.1	1.10	55.64

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1150	0.45	8.60	6.29	1.343	35.1	-105.7	1.09	55.71	sl. cloudy

FERROUS IRON (mg/L): 0.50 ALKALINITY (mg/L): N/A IDW TOTAL: 0.75

FINAL DEPTH TO WATER (ft TOC): 57.94 TIME FINAL DEPTH TAKEN: 8200

SAMPLE ID: MW-040-07 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	[illegible]	S. Bryant	12-12-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 12-12-16 SITE: Forbes S-S PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 20s, S wind 10-15 mph

WELL NUMBER: MW-05D DEPTH TO WATER (ft): 47.88

TOTAL DEPTH (ft): 64.37 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump (Nondedicated Bladder Pump) Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1435	I	50	8.49	5.37	1.720	267	-92.6	10.43	48.84
1440	0.07	50	8.59	6.20	2.044	462	-81.5	3.30	49.41
1445	0.14	50	8.66	6.96	2.248	208	-88.5	1.65	50.09
1450	0.21	50	8.70	7.10	2.284	111	-94.4	1.44	50.56
1455	0.28	50	8.74	7.25	2.315	67.5	-102.5	1.28	51.08
1500	0.35	50	8.74	7.24	2.317	44.1	-106.9	1.20	51.59
1505	0.42	50	8.75	7.22	2.302	28.9	-105.4	1.16	52.07
1510	0.49	50	8.74	7.14	2.260	20.5	-104.0	1.10	52.47
1515	0.56	50	8.70	7.08	2.203	19.4	-100.1	1.12	53.12
1520	0.63	50	8.68	6.84	2.107	19.0	-94.2	1.11	53.60

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1520	0.63	8.68	6.84	2.107	19.0	-94.2	1.11	53.60	SL Cloudy

FERROUS IRON (mg/L): 0.30 ALKALINITY (mg/L): N/A IDW TOTAL: 0.75

FINAL DEPTH TO WATER (ft TOC): 55.84 TIME FINAL DEPTH TAKEN: 1542

SAMPLE ID: MW-05D-07 SAMPLE ID FOR QC: MW-05D-07-LRB

PARAMETERS REQUESTED FOR ANALYSIS: VOC, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		12-12-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 12-15-16 SITE: Forbes Atlas 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 20s, N wind 5-10 mph

WELL NUMBER: MW-065 DEPTH TO WATER (ft): 16.58

TOTAL DEPTH (ft): 23.57 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
0930	I	60	7.88	7.08	0.762	14.7	-27.2	6.57	16.83
0935	0.08	60	7.85	7.69	0.762	11.3	-21.0	3.49	17.02
0940	0.16	60	7.80	8.85	0.774	11.4	-11.2	2.72	17.11
0945	0.24	60	7.74	9.67	0.783	11.9	-2.2	2.42	17.17
0950	0.32	60	7.69	9.83	0.787	11.5	6.0	2.23	17.27
0955	0.40	60	7.65	9.88	0.786	11.0	10.3	2.17	17.30
1000	0.50	60	7.62	9.74	0.784	11.3	15.0	2.11	17.36

Continued on back (circle one) yes (no)

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1000	0.50	7.62	9.74	0.784	11.3	15.0	2.11	17.36	clear

FERROUS IRON (mg/L): 0.10 mg/L ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 17.58 TIME FINAL DEPTH TAKEN: 1017

SAMPLE ID: MW-065-07 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		12-15-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 12-15-16 SITE: Forbes, Atlas S-S PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 20s, Nl Wind 5-10 mph

WELL NUMBER: MW-060 DEPTH TO WATER (ft): 26.61

TOTAL DEPTH (ft): 57.51 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
0817	I	50	8.75	8.70	0.868	37.5	-100.7	10.60	27.30
0822	0.07	50	8.49	10.36	0.952	22.7	-99.5	2.08	28.18
0827	0.14	50	8.23	10.62	0.983	12.5	-89.0	1.52	28.64
0832	0.21	50	7.97	10.71	0.992	7.41	-74.8	1.27	29.03
0837	0.28	50	7.77	10.77	1.001	6.96	-61.1	1.19	29.72
0842	0.35	50	7.63	10.96	1.009	6.61	-54.5	1.07	30.54
0847	0.42	50	7.59	10.82	1.008	6.47	-47.2	1.03	30.94
0852	0.49	50	7.55	10.86	1.009	6.39	-45.6	1.01	31.61

Continued on back (circle one) yes (no)

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
0855	0.52	7.54	10.85	1.008	6.39	-45.3	1.00	32.11	Clear

FERROUS IRON (mg/L): 0.30 ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 33.62 TIME FINAL DEPTH TAKEN: 0911

SAMPLE ID: MW-060-07 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		12-15-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 12-14-16 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 20s, NW wind < 5 mph

WELL NUMBER: MW-075 DEPTH TO WATER (ft): 27.65

TOTAL DEPTH (ft): 35.31 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1519	I	75	7.98	7.69	0.378	142	-1.2	11.81	27.74
1524	0.1	75	8.00	9.64	0.677	126	-21.9	2.41	27.80
1529	0.2	75	7.96	10.43	0.676	107	-18.2	1.63	27.81
1534	0.3	75	7.91	10.91	0.675	79.1	-10.1	1.45	27.83
1539	0.4	75	7.84	11.04	0.668	61.3	0.0	1.37	27.84
1544	0.5	75	7.82	11.11	0.667	59.4	2.4	1.38	27.85
1549	0.6	75	7.80	11.14	0.666	57.9	7.1	1.33	27.84

Continued on back (circle one) yes (no)

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1550	0.6	7.80	11.16	0.660	57.9	7.3	1.33	27.84	sl. cloudy

FERROUS IRON (mg/L): 0.20 ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 27.85 TIME FINAL DEPTH TAKEN: 1607

SAMPLE ID: MW-075-07 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC, 9056 Anions, RSK 175, AM, & Sr Kish

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		12-14-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 12-14-16 SITE: Forbes Atlas 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 20447 WEATHER: SC, 13°F, NW wind 5-10mph

WELL NUMBER: MW-085 DEPTH TO WATER (ft): 13.21

TOTAL DEPTH (ft): 23.07 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
0903	I	75	6.79	11.32	0.784	84.6	40.2	4.05	14.21
0908	0.1	75	6.69	11.98	0.813	59.2	50.3	2.52	14.24
0913	0.2	75	6.63	11.57	0.812	57.6	52.6	2.12	14.31
0918	0.3	75	6.62	11.38	0.813	55.5	54.3	1.99	14.33
0923	0.4	75	6.61	11.23	0.815	49.7	54.4	1.90	14.38
0928	0.5	75	6.61	11.29	0.821	47.6	54.3	1.87	14.46
0933	0.6	75	6.61	11.31	0.814	44.8	54.1	1.82	14.50

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: ~~Same~~ as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
0935	0.65	6.61	11.31	0.815	44.6	54.0	1.80	14.54	sl. cloudy

FERROUS IRON (mg/L): 0.30 ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 13.19 TIME FINAL DEPTH TAKEN: 1013

SAMPLE ID: MW-085-03 SAMPLE ID FOR QC: MW-085-03-MS/MSD (2 sets)

PARAMETERS REQUESTED FOR ANALYSIS: VOC, 9056 Anions, RSK 175, Alk, Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	S. Bryant		12-14-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 12-13-16 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Clear, 30s, N wind 5-15 mph

WELL NUMBER: MW-095 DEPTH TO WATER (ft): 16.17

TOTAL DEPTH (ft): 25.54 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1243	I	60	8.37	8.99	0.699	19.4	-47.4	10.77	16.53
1248	0.08	60	8.30	10.10	0.780	18.7	-33.3	2.83	16.59
1253	0.16	60	8.19	10.50	0.779	17.4	-22.8	2.32	16.60
1258	0.24	60	8.12	10.37	0.771	16.5	-12.9	1.62	16.60
1303	0.32	60	8.10	10.29	0.766	13.9	-10.9	1.51	16.60
1308	0.40	60	8.08	10.08	0.760	13.4	-6.4	1.39	16.60
1313	0.48	60	8.06	10.02	0.758	13.2	-3.6	1.41	16.60

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1315	0.50	8.06	10.02	0.758	13.2	-3.5	1.40	16.60	clear

FERROUS IRON (mg/L): 0.10 mg/L ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 16.60 TIME FINAL DEPTH TAKEN: _____

SAMPLE ID: MW-095-03 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC, 8056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		12-13-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 12-13-16 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Clear, 30s, N wind 5-15 mph

WELL NUMBER: MW-105 DEPTH TO WATER (ft): 16.26

TOTAL DEPTH (ft): 24.83 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1400	I	60	8.19	8.19	0.629	37.4	-21.3	8.27	16.69
1405	0.08	60	7.99	8.65	0.725	29.7	-3.0	2.60	17.25
1410	0.16	60	7.90	8.61	0.733	29.2	8.5	1.91	17.68
1415	0.24	60	7.85	8.77	0.738	28.5	11.2	1.63	17.82
1420	0.32	60	7.83	8.93	0.742	22.1	11.6	1.38	17.91
1425	0.40	60	7.82	9.18	0.749	21.7	11.5	1.34	18.13
1430	0.48	60	7.82	9.24	0.752	20.6	13.1	1.34	18.33

Continued on back (circle one) yes (no)

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1430	0.48	7.82	9.24	0.752	20.6	13.1	1.34	18.33	sl. cloudy

FERROUS IRON (mg/L): 0.0 mg/L ALKALINITY (mg/L): N/A IDW TOTAL: 0.75

FINAL DEPTH TO WATER (ft TOC): 18.80 TIME FINAL DEPTH TAKEN: 1451

SAMPLE ID: MW-105-03 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Brunt		12-13-16
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 12-15-14 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Mc, 20s, S wind 5-10 mph

WELL NUMBER: MW-115 DEPTH TO WATER (ft): 18.99

TOTAL DEPTH (ft): 24.87 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: - ft of water in casing X - gallons/foot = - total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1223	I	50	7.69	9.69	0.831	51.6	21.4	4.25	19.70
1228	0.07	50	7.60	10.66	0.892	44.7	23.8	2.60	19.80
1233	0.14	50	7.51	10.64	0.930	38.1	29.6	2.38	19.91
1238	0.21	50	7.40	10.11	0.938	30.7	37.5	2.33	19.98
1243	0.28	50	7.32	9.83	0.936	31.0	39.8	2.37	20.05
1248	0.35	50	7.25	9.87	0.939	30.6	44.6	2.33	20.12
1253	0.42	50	7.16	10.26	0.949	29.4	51.2	2.21	20.17
1258	0.49	50	7.13	10.50	0.957	29.7	54.0	2.14	20.26
1303	0.56	50	7.09	10.67	0.971	29.1	56.9	2.12	20.25

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1305	0.6	7.09	10.72	0.973	29.1	56.6	2.12	20.25	Sl. Cloudy

FERROUS IRON (mg/L): 0.20 ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 20.64 TIME FINAL DEPTH TAKEN: 1329

SAMPLE ID: MW-115-03 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: - After: -

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	T. Bryant		12-15-14
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 12-14-14 SITE: Forbes S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 20s, NW wind 5-15 mph

WELL NUMBER: MW-125

DEPTH TO WATER (ft): 20.82

TOTAL DEPTH (ft): 27.09 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1408	I	60	7.71	7.76	0.486	184	30.5	11.26	21.07
1413	0.08	60	7.55	9.93	1.125	182	38.1	2.63	21.26
1418	0.16	60	7.42	10.75	1.262	178	45.2	2.32	21.38
1423	0.24	60	7.31	10.94	1.318	169	51.4	2.38	21.52
1428	0.32	60	7.22	10.88	1.351	174	57.6	2.38	21.58
1433	0.40	60	7.16	10.81	1.357	171	61.5	2.40	21.63
1438	0.48	60	7.14	10.89	1.367	168	61.7	2.41	21.70

Continued on back (circle one) yes (no)

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1440	0.50	7.13	10.87	1.364	168	62.0	2.40	21.72	cloudy

FERROUS IRON (mg/L): 0.10 ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 22.12 TIME FINAL DEPTH TAKEN: 1454

SAMPLE ID: MW-125-07 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		12-14-14
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 12-15-14 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: MC, 20s, N wind 5-10 mph

WELL NUMBER: MW-135 DEPTH TO WATER (ft): 14.17

TOTAL DEPTH (ft): 19.78 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1107	I	60	7.99	10.65	0.630	61.4	16.7	5.44	14.31
1112	0.08	60	7.95	11.19	0.642	48.0	17.9	4.36	14.41
1117	0.16	60	7.93	10.79	0.641	47.0	19.3	3.80	14.42
1122	0.24	60	7.92	10.29	0.632	46.4	21.2	3.50	14.44
1127	0.32	60	7.91	10.00	0.629	45.8	21.5	3.42	14.48
1132	0.40	60	7.91	9.92	0.626	44.9	21.7	3.33	14.51

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1135	0.45	7.91	9.88	0.625	44.9	21.7	3.32	14.54	Sl. Cloudy

FERROUS IRON (mg/L): 0.0 ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 14.71 TIME FINAL DEPTH TAKEN: 1200

SAMPLE ID: MW-135-03 SAMPLE ID FOR QC: MW-135-03-ERB (Rinsate)

PARAMETERS REQUESTED FOR ANALYSIS: VOC, 8056 Anions, RSK 175, AIK, Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		12-15-14
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 3-28-17 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 30447 WEATHER: Cloudy, 50s, E wind 5-10 mph

WELL NUMBER: MW-010 DEPTH TO WATER (ft): 45.07

TOTAL DEPTH (ft): 68.47 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1044	1	50	7.02	13.21	0.553	33.6	-45.5	9.73	45.26
1049	0.07	50	6.92	13.12	1.209	31.6	-97.4	3.19	45.73
1054	0.14	50	7.00	13.08	1.243	37.9	-101.8	3.80	46.28
1059	0.21	50	7.06	13.06	1.265	42.4	-103.0	4.96	46.81
1104	0.28	50	7.09	13.12	1.278	37.3	-100.5	5.55	47.35
1109	0.35	50	7.10	13.20	1.277	34.8	-97.7	5.75	47.83
1114	0.42	50	7.10	13.30	1.275	34.7	-95.4	5.91	48.41
1119	0.49	50	7.11	13.35	1.270	36.3	-93.5	5.94	48.90
1124	0.56	50	7.11	13.34	1.265	35.4	-92.0	5.98	49.36

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1125	0.6	7.11	13.29	1.260	35.4	-89.6	5.97	49.45	Sl. Cloudy

FERROUS IRON (mg/L): 0.70 ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 50.89 TIME FINAL DEPTH TAKEN: 1140

SAMPLE ID: MW-010-08 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		3-28-17
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 3-29-17 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 30447 WEATHER: Overcast, rain, 40s, E wind 15-20 mph

WELL NUMBER: MW-02D DEPTH TO WATER (ft): 40.18

TOTAL DEPTH (ft): 58.58 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
11,42	I	50	7.46	12.84	0.566	17.8	94.8	14.85	41.20
1147	0.07	50	7.37	12.78	0.579	15.4	35.9	1.95	41.84
1152	0.14	50	7.37	12.96	0.583	12.7	9.3	1.75	42.47
1157	0.21	50	7.38	13.12	0.587	10.2	-3.9	1.98	42.91
1202	0.28	50	7.38	13.26	0.589	9.84	-4.8	2.27	43.58
1207	0.35	50	7.40	13.45	0.592	9.31	-6.5	2.83	44.10
1212	0.42	50	7.40	13.54	0.593	9.12	-5.9	2.91	44.84
1217	0.49	50	7.39	13.62	0.595	8.98	-2.0	2.95	45.43

Continued on back (circle one) yes (no)

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1220	0.54	7.41	13.63	0.595	8.98	0.2	2.92	45.60	clear

FERROUS IRON (mg/L): 0.1 ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 46.99 TIME FINAL DEPTH TAKEN: 1236

SAMPLE ID: MW-02D-08 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		3-29-17
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 3-30-17 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 30447 WEATHER: Cloudy, 40s, N wind 15-25 mph

WELL NUMBER: MW-02S DEPTH TO WATER (ft): 17.64

TOTAL DEPTH (ft): 34.39 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1336	I	250	7.05	12.47	0.597	25.2	132.1	17.30	17.84
1341	0.33	250	6.69	12.53	0.592	16.7	125.4	2.10	17.88
1346	0.66	250	6.76	12.47	0.568	9.32	110.6	2.38	17.90
1351	0.99	250	6.84	12.62	0.562	7.13	103.8	2.55	17.86
1356	1.32	250	6.87	12.58	0.562	7.01	96.7	2.80	17.86
1401	1.65	250	6.89	12.63	0.567	6.98	93.4	2.90	17.86
1406	1.98	250	6.92	12.72	0.573	6.95	91.3	2.95	17.86

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1410	2.3	6.93	12.70	0.574	6.95	89.8	2.96	17.91	clear

FERROUS IRON (mg/L): 0.0 ALKALINITY (mg/L): N/A IDW TOTAL: 3

FINAL DEPTH TO WATER (ft TOC): 17.86 TIME FINAL DEPTH TAKEN: 1423

SAMPLE ID: MW-02S-08 SAMPLE ID FOR QC: MW-02S-18

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, AIK, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	I. Bryant		3-30-17
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 3-29-17 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, rain, 50's & E wind 15-20 mph

WELL NUMBER: MW-03D DEPTH TO WATER (ft): 39.94

TOTAL DEPTH (ft): 57.32 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1515	I	50	6.87	16.74	0.887	75.4	0.8	10.09	40.54
1520	0.07	50	6.77	15.99	1.282	57.7	-47.0	2.66	41.01
1525	0.14	50	6.81	15.66	1.327	54.6	-63.7	1.54	42.28
1530	0.21	50	6.77	15.65	1.341	50.9	-63.4	1.59	42.94
1535	0.28	50	6.74	15.73	1.346	42.0	-59.5	1.83	43.33
1540	0.35	50	6.71	15.84	1.347	39.7	-56.2	1.90	43.81
1545	0.42	50	6.68	15.89	1.345	37.9	-52.4	1.98	44.11
1550	0.49	50	6.66	15.95	1.343	38.4	-50.0	1.97	44.45

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1550	0.49	6.66	15.95	1.343	38.4	-50.0	1.97	44.45	cloudy

FERROUS IRON (mg/L): 0.8 ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 45.19 TIME FINAL DEPTH TAKEN: 1610

SAMPLE ID: MW-030-08 SAMPLE ID FOR QC: MW-030-08ERB (Equipment rinsate)

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, AIK, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: YSI 556 FLOW CELL TYPE.: YSI 556

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		3-29-17
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 3-30-17 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, rain, 40s, N wind 15-25 mph

WELL NUMBER: MW-035 DEPTH TO WATER (ft): 17.25

TOTAL DEPTH (ft): 30.44 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
0853	I	75	7.32	10.80	0.612	32.7	142.8	9.92	17.87
0858	0.1	75	6.98	11.39	0.565	29.5	136.3	2.97	17.98
0903	0.2	75	6.98	11.47	0.511	21.6	128.5	2.02	18.05
0908	0.3	75	6.99	11.43	0.549	17.9	121.0	1.58	17.83
0913	0.4	75	6.99	11.17	0.542	14.0	121.4	1.45	17.91
0918	0.5	75	6.93	11.23	0.536	13.5	122.8	1.50	17.98
0923	0.6	75	6.97	11.52	0.539	12.8	118.6	1.42	18.04

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
0925	0.65	6.97	11.51	0.539	12.8	118.0	1.40	18.02	clear

FERROUS IRON (mg/L): 0.1 ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 18.01 TIME FINAL DEPTH TAKEN: 0940

SAMPLE ID: MW-035-08 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, AIK, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		3-30-17
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 3-21-17 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80947 WEATHER: Cloudy, 50s, NW wind 10-15 mph

WELL NUMBER: MW-04D DEPTH TO WATER (ft): 49.11

TOTAL DEPTH (ft): 66.58 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1557	I	100	6.91	14.62	1.022	80.8	-60.3	11.52	50.36
1603	0.16	100	6.99	13.98	1.011	67.4	-88.8	1.31	51.51
1608	0.30	50	7.01	13.90	1.005	50.8	-89.1	1.08	52.12
1613	0.37	50	7.00	13.76	0.997	46.0	-86.8	1.01	52.94
1618	0.44	50	6.98	13.64	0.991	45.5	-84.0	0.96	53.71
1623	0.51	50	6.97	13.62	0.989	43.8	-82.3	0.92	54.43

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1625	0.55	6.97	13.61	0.988	43.8	-81.7	0.92	54.50	sl. cloudy

FERROUS IRON (mg/L): 1.1 ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 54.71 TIME FINAL DEPTH TAKEN: 1643

SAMPLE ID: MW-04D+08 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC, 9056 Anions, RSK 175, AIK, & Sulfide

DO METER MODEL No.: YSI 55C ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	[signature]	J.B. Tant	3/27/17
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 3-28-17 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 30447 WEATHER: Cloudy, 40s, E wind 5-10 mph

WELL NUMBER: MW-045 DEPTH TO WATER (ft): 29.22

TOTAL DEPTH (ft): 37.14 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
0757	I	50	7.29	13.49	0.493	522	-56.0	8.29	29.13
0802	0.07	50	7.20	13.32	0.472	479	-62.4	3.27	29.52
0807	0.14	50	7.19	13.35	0.461	471	-58.8	3.45	29.99
0812	0.21	50	7.18	13.38	0.457	463	-55.9	3.63	30.28
0817	0.28	50	7.19	13.40	0.453	414	-55.0	3.74	30.60
0822	0.35	50	7.16	13.33	0.451	388	-54.5	3.48	30.84
0827	0.42	50	7.16	13.32	0.450	319	-50.8	3.39	31.00
0832	0.49	50	7.13	13.34	0.451	309	-53.9	3.34	31.14
0837	0.56	50	7.13	13.14	0.450	302	-53.0	3.32	31.30

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
0840	0.60	7.13	13.14	0.450	302	-51.6	3.32	31.41	cloudy

FERROUS IRON (mg/L): 0.40 ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 31.94 TIME FINAL DEPTH TAKEN: 0859

SAMPLE ID: MW-045-08 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	[signature]	T. Bryant	3/28/17
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 3-28-17 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 40s, E wind 5-10mph

WELL NUMBER: MW-05D DEPTH TO WATER (ft): 47.23

TOTAL DEPTH (ft): 64.34 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
0926	I	50	7.07	13.38	1.344	103	-78.9	7.10	48.19
0931	0.07	50	7.14	13.26	1.615	84.2	-117.1	3.74	48.87
0936	0.14	50	7.18	13.36	1.627	67.6	-116.4	4.14	49.51
0941	0.21	50	7.21	13.62	1.640	56.4	-114.1	5.30	50.16
0946	0.28	50	7.27	13.45	1.650	57.1	-110.1	5.83	51.02
0951	0.35	50	7.21	13.33	1.625	56.8	-107.0	6.11	51.64
0956	0.42	50	7.21	13.28	1.608	54.3	-105.7	6.06	52.12
1001	0.49	50	7.22	13.31	1.584	55.8	-100.9	6.03	52.71

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1005	0.55	7.20	13.71	1.582	55.8	-99.8	6.02	52.90	sl. cloudy

FERROUS IRON (mg/L): 0.50 ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 54.83 TIME FINAL DEPTH TAKEN: 1020

SAMPLE ID: MW-05D-08 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☐ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		3-28-17
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 3-28-17 SITE: Forbes Atlas S-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, 50s, E wind 5-10 mph

WELL NUMBER: MW-06D DEPTH TO WATER (ft): 26.39

TOTAL DEPTH (ft): 51.47 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1355	I	50	7.10	14.13	0.671	47.4	-100.8	7.27	26.61
1400	.07	50	7.08	14.28	0.715	38.1	-109.1	2.25	27.03
1405	.14	50	7.06	14.43	0.738	33.6	-108.6	1.78	27.48
1410	.21	50	7.02	14.48	0.747	24.6	-106.9	1.62	28.11
1415	.28	50	7.00	14.45	0.745	21.4	-108.1	1.75	28.64
1420	.35	50	6.93	14.40	0.742	20.1	-110.6	1.79	29.12
1425	.42	50	6.92	14.68	0.744	20.4	-107.6	1.84	29.78

Continued on back (circle one) yes (no)

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1425	0.42	6.92	14.68	0.744	20.4	-107.6	1.84	29.78	sl. cloudy

FERROUS IRON (mg/L): 0.8 ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 31.43 TIME FINAL DEPTH TAKEN: 1444

SAMPLE ID: MW-06D-08 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, AIK, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: YSI 556 FLOW CELL TYPE.: YSI 556

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		3-28-17
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 3-28-17 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy

WELL NUMBER: MW-065 DEPTH TO WATER (ft): 11.42

TOTAL DEPTH (ft): 23.53 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1502	I	60	6.97	13.92	0.552	44.6	-12.5	4.73	8.82
1507	0.08	60	6.96	13.85	0.549	38.9	-9.6	3.89	9.31
1512	0.16	60	6.94	13.89	0.544	35.6	-1.0	3.29	9.42
1517	0.24	60	6.94	13.98	0.544	33.7	3.3	3.30	9.58
1522	0.32	60	6.96	14.02	0.544	32.2	6.6	3.33	9.60

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1525	0.4	6.96	14.06	0.544	32.2	8.8	3.35	9.63	Sl. Cloudy

FERROUS IRON (mg/L): 0.1 ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 9.99 TIME FINAL DEPTH TAKEN: 1600

SAMPLE ID: MW-065-08 SAMPLE ID FOR QC: MW-065-18

PARAMETERS REQUESTED FOR ANALYSIS: VOCs, 9056 Anions, RSK 175, ALK, Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: YSI 556 FLOW CELL TYPE.: YSI 556

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		3-28-17
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 3-30-17 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: cloudy, rain, 40s, N wind 15-25 mph

WELL NUMBER: MW-07S

DEPTH TO WATER (ft): 19.63

TOTAL DEPTH (ft): 35.37 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1116	I	75	7.35	14.52	0.538	247	82.9	8.52	20.31
1121	0.1	75	7.10	13.85	0.524	219	5.4	2.34	20.34
1126	0.2	75	7.03	13.56	0.490	192	-17.0	1.52	20.37
1131	0.3	75	7.01	13.62	0.479	166	-14.2	1.32	20.39
1136	0.4	75	7.00	13.39	0.474	150	-14.5	1.03	20.39
1141	0.5	75	6.98	13.20	0.470	138	-15.2	0.93	20.39
1146	0.6	75	6.97	12.95	0.466	139	-7.6	0.93	20.39

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1150	0.7	6.98	12.95	0.464	139	-7.4	0.93	20.39	cloudy

FERROUS IRON (mg/L): 0.1 ALKALINITY (mg/L): N/A IDW TOTAL: 1.2

FINAL DEPTH TO WATER (ft TOC): 20.31 TIME FINAL DEPTH TAKEN: 1204

SAMPLE ID: MW-07S-08 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 8056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☐ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		3-30-17
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 3-29-17 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Overcast, 40s, E wind 15-20 mph

WELL NUMBER: MW-08S DEPTH TO WATER (ft): 10.20

TOTAL DEPTH (ft): 23.05 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1320	I	75	7.76	14.32	0.387	141	74.8	14.96	10.40
1325	0.1	75	7.42	13.45	0.321	94.7	69.6	1.97	10.87
1330	0.2	75	7.33	13.37	0.291	71.3	60.8	1.50	11.21
1335	0.3	75	7.30	13.32	0.278	54.4	53.5	1.35	11.61
1340	0.4	75	7.28	13.36	0.272	48.2	44.8	1.32	11.75
1345	0.5	75	7.30	13.49	0.267	41.4	30.8	1.26	11.88
1350	0.6	75	7.29	13.50	0.267	33.7	30.6	1.26	11.97
1355	0.7	75	7.31	13.59	0.267	31.4	25.1	1.28	12.04
1400	0.8	75	7.31	13.74	0.268	30.8	22.9	1.27	12.10

Continued on back (circle one) yes / no

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1400	0.8	7.31	13.74	0.268	30.8	22.9	1.27	12.10	sl. cloudy

FERROUS IRON (mg/L): 0.1 ALKALINITY (mg/L): N/A IDW TOTAL: 1.5

FINAL DEPTH TO WATER (ft TOC): 12.34 TIME FINAL DEPTH TAKEN: 1445

SAMPLE ID: MW-08S-04 SAMPLE ID FOR QC: MW-08S-04MS & MW-08S-04MSD

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		3-29-17
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 3-29-17 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Overcast, Rain, 40s, E wind 10-20 m/h

WELL NUMBER: MW-09S

DEPTH TO WATER (ft): 13.32

TOTAL DEPTH (ft): 25.55 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
0905	I	60	7.76	11.81	0.243	34.7	122.6	10.69	11.77
0910	0.08	60	7.31	11.60	0.467	28.6	117.1	4.94	12.23
0915	0.16	60	7.32	11.53	0.471	23.3	120.9	5.12	12.27
0920	0.24	60	7.32	11.40	0.470	18.1	117.1	5.71	12.32
0925	0.32	60	7.36	11.31	0.470	16.2	119.4	6.38	12.36
0930	0.40	60	7.35	11.22	0.471	16.6	122.0	6.75	12.40
0935	0.48	60	7.34	11.21	0.473	17.0	121.8	6.73	12.45

Continued on back (circle one) yes (no)

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
0935	0.48	7.34	11.21	0.473	17.0	121.8	6.73	12.45	Clear

FERROUS IRON (mg/L): 0.0 ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 12.00 TIME FINAL DEPTH TAKEN: 1000

SAMPLE ID: MW-09S-04 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		3-29-17
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 3-29-17 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Overcast, Rain, 40s, E wind 15-20 mph

WELL NUMBER: MW-10S DEPTH TO WATER (ft): 15.39

TOTAL DEPTH (ft): 24.79 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1025	I	60	7.28	11.70	0.511	41.4	132.4	8.52	13.70
1030	0.08	60	7.13	11.65	0.515	38.9	134.3	3.83	13.95
1035	0.16	60	7.07	11.53	0.516	35.7	134.5	3.29	14.16
1040	0.24	60	7.06	11.40	0.517	34.0	133.7	3.01	14.30
1045	0.32	60	7.03	11.39	0.518	31.8	132.5	2.82	14.36
1050	0.40	60	7.05	11.59	0.521	30.6	131.5	2.74	14.44
1055	0.48	60	7.03	11.69	0.525	31.4	130.3	2.68	14.50

Continued on back (circle one) yes / ~~no~~

SAMPLING Equipment Used: ~~Same as above~~ Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1055	0.48	7.03	11.69	0.525	31.4	130.3	2.68	14.50	Clear

FERROUS IRON (mg/L): 0.1 ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 14.47 TIME FINAL DEPTH TAKEN: 1120

SAMPLE ID: MW-10S-04 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK175, AlK, & sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		3-29-17
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 3-30-17 SITE: Forbes 1-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, rain, 40s, N wind 15-25 mph

WELL NUMBER: MW-113 DEPTH TO WATER (ft): 11.45

TOTAL DEPTH (ft): 24.92 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump (Nondedicated Bladder Pump) Bailer Other ____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1225	I	50	7.25	13.84	0.357	210	105.5	12.01	11.87
1230	0.07	50	6.95	13.58	0.682	143	107.9	4.90	12.33
1235	0.14	50	6.90	13.73	0.693	94.1	107.0	2.98	12.61
1240	0.21	50	6.90	13.54	0.697	86.4	106.6	2.95	12.84
1245	0.28	50	6.88	13.70	0.700	78.1	107.7	3.00	12.96
1250	0.35	50	6.88	13.93	0.706	70.7	108.0	3.00	13.08
1255	0.42	50	6.87	13.97	0.709	64.4	108.5	2.98	13.12
1300	0.48	50	6.87	13.91	0.709	65.4	109.1	3.02	13.17

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: (Same as above) Other ____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1300	0.48	6.87	13.91	0.709	65.4	109.1	3.02		Sl. Cloudy

FERROUS IRON (mg/L): 0.10 ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 13.46 TIME FINAL DEPTH TAKEN: 1320

SAMPLE ID: MW-113-080404 (JB) SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, AIK, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: ____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		3-30-17
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 3-30-17 SITE: Forbes 5-5 PID READING at WELL HEAD (ppm): N/A

PROJECT NUMBER: 80447 WEATHER: Cloudy, rain, 40s, N wind 15-25 mph

WELL NUMBER: MW-12S DEPTH TO WATER (ft): 19.80

TOTAL DEPTH (ft): 27.12 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1005	I	60	7.33	12.73	0.445	221	134.8	16.20	20.07
1010	0.08	60	7.02	13.00	0.896	210	137.2	4.01	20.19
1015	0.14	60	6.99	13.13	0.907	199	135.0	3.51	20.35
1020	0.24	60	6.99	13.25	0.915	181	133.6	3.36	20.50
1025	0.32	60	7.00	13.51	0.925	163	132.0	3.55	20.63
1030	0.40	60	7.01	13.48	0.929	157	131.2	3.59	20.71
1035	0.48	60	7.02	13.64	0.933	153	130.2	3.63	20.79

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: Same as above Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1035	0.48	7.02	13.64	0.933	153	130.2	3.63		cloudy

FERROUS IRON (mg/L): 0.10 ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 21.05 TIME FINAL DEPTH TAKEN: 1058

SAMPLE ID: MW-12S-04 SAMPLE ID FOR QC: N/A

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☑ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		3-30-17
REVIEWED:			

FIELD GROUND-WATER SAMPLING REPORT

DATE: 3-28-17 SITE: Forbes Atlas Atlas 5-5 PID READING at WELL HEAD (ppm): _____

PROJECT NUMBER: 80447 WEATHER: Cloudy, 50s, E wind 5-10 mph

WELL NUMBER: MW-135 DEPTH TO WATER (ft): 13.07

TOTAL DEPTH (ft): 19.78 WELL DIAMETER (inches): 2

PURGING

CASING VOLUME CALCULATION: — ft of water in casing X — gallons/foot = — total gallons/casing volume

Equipment Used: Dedicated Bladder Pump Nondedicated Bladder Pump Bailer Other _____

Time (24 hr)	Amount Purged (gals)	Flow Rate (ml/min)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)
1225	I	60	7.44	14.27	0.314	54.4	50.3	9.16	12.37
1230	0.08	60	7.24	13.66	0.528	50.4	52.9	4.61	12.54
1235	0.16	60	7.21	13.52	0.518	47.1	54.5	4.49	12.60
1240	0.24	60	7.17	13.37	0.497	44.4	57.8	4.12	12.64
1245	0.32	60	7.15	13.37	0.481	38.5	61.0	3.88	12.72
1250	0.40	60	7.15	13.32	0.477	37.2	62.0	3.89	12.78
1255	0.48	60	7.15	13.36	0.473	36.8	63.0	3.88	12.82

Continued on back (circle one) yes / (no)

SAMPLING Equipment Used: (Same as above) Other _____

Sample Time (24 hr)	Total Purged (gals)	pH	Temp (C)	Conductivity (mmhos/cm)	Turbidity (NTUs)	ORP (mV)	D.O. (mg/L)	Depth to Water (ft TOC)	Obs.
1300	0.56	7.15	13.36	0.473	36.8	64.0	3.84	12.86	Sl. Cloudy

FERROUS IRON (mg/L): 0.1 ALKALINITY (mg/L): N/A IDW TOTAL: 1

FINAL DEPTH TO WATER (ft TOC): 12.86 TIME FINAL DEPTH TAKEN: 1325

SAMPLE ID: MW-135-04 SAMPLE ID FOR QC: MW-135-04ERB (Rinsate)

PARAMETERS REQUESTED FOR ANALYSIS: VOC 8260, 9056 Anions, RSK 175, Alk, & Sulfide

DO METER MODEL No.: YSI 556 ORP METER MODEL No.: " FLOW CELL TYPE.: "

DO CHECK IN AIR: Before: — After: —

CHECKED FLOW THROUGH CELL FOR LEAKS: ☒ COMMENTS: _____

	NAME	SIGNATURE	DATE
PREPARED:	J. Bryant		3-28-17
REVIEWED:			