

Figure 21
MW-704S cVOC Concentrations vs. Time

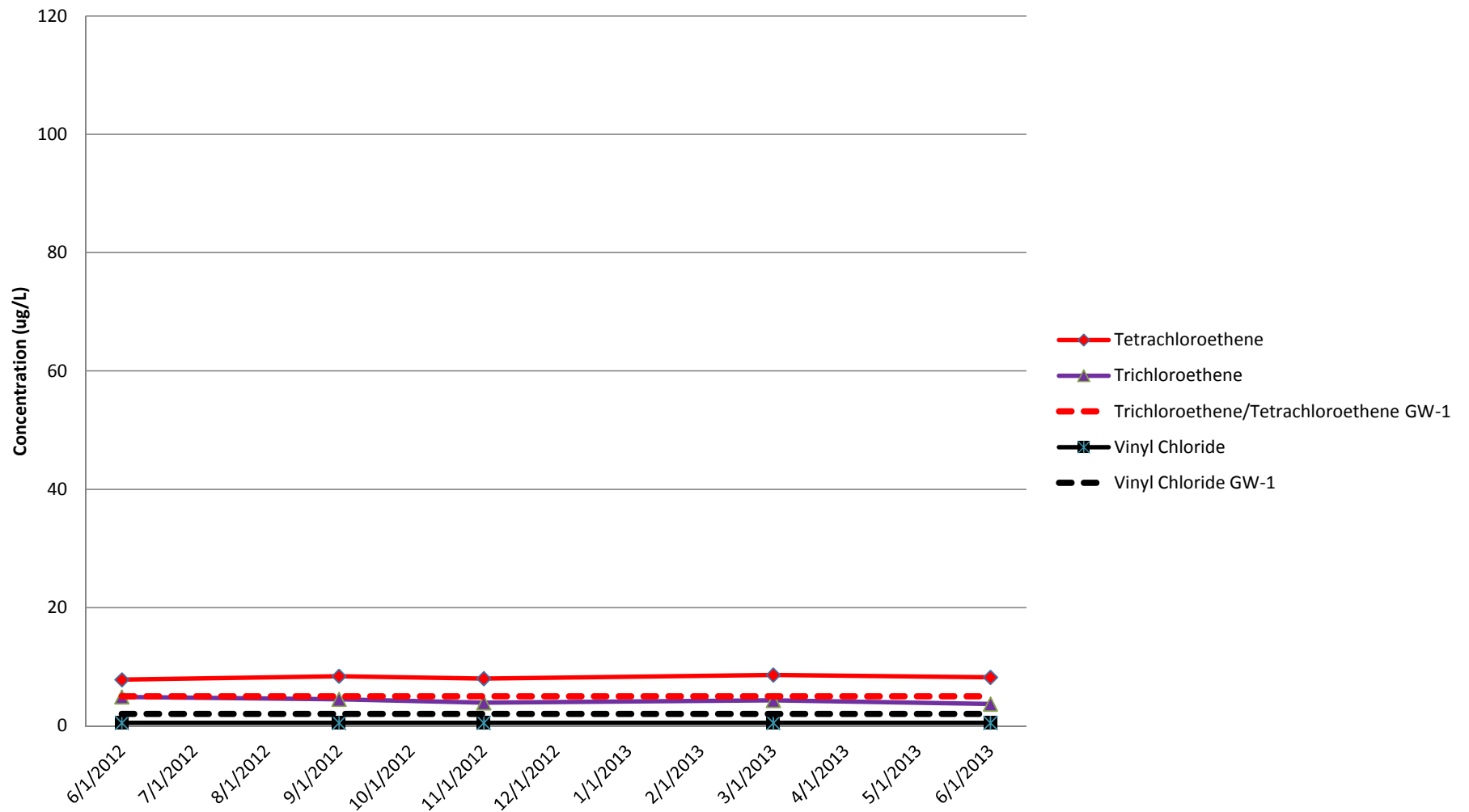


Figure 22
MW-709S cVOC Concentrations vs. Time

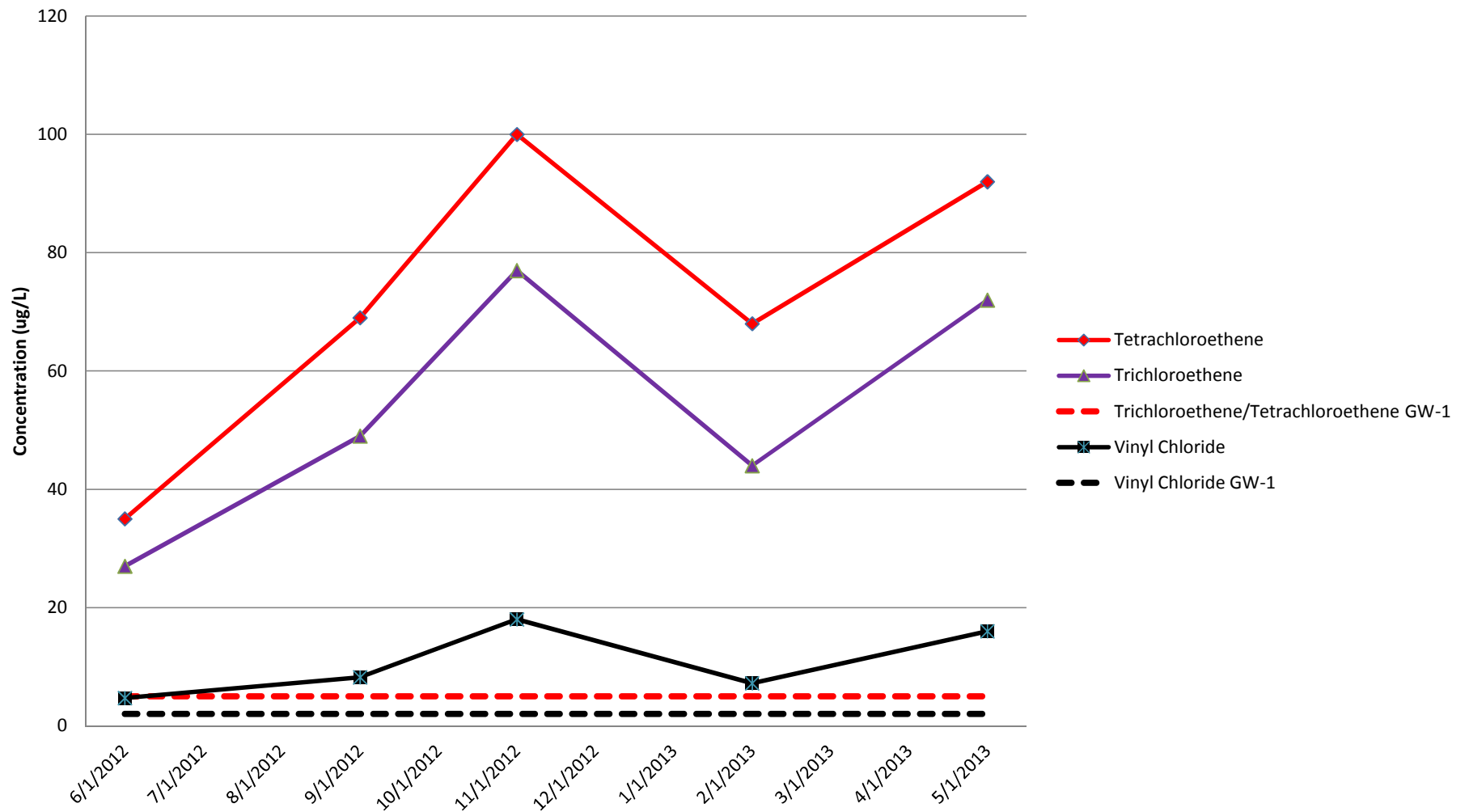


Figure 23
MW-709D cVOC Concentrations vs. Time

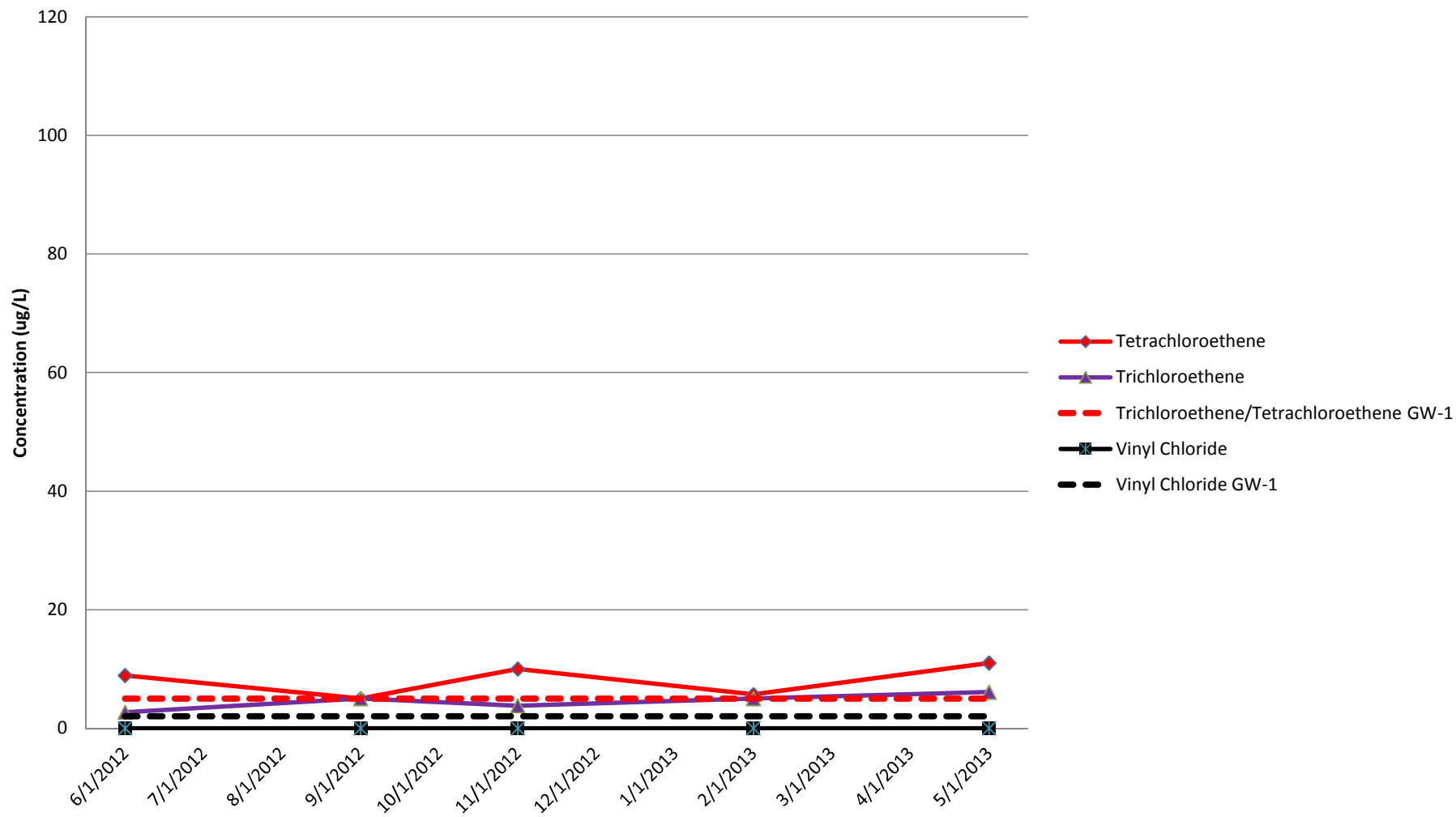


Figure 24
MW-710S cVOC Concentrations vs. Time

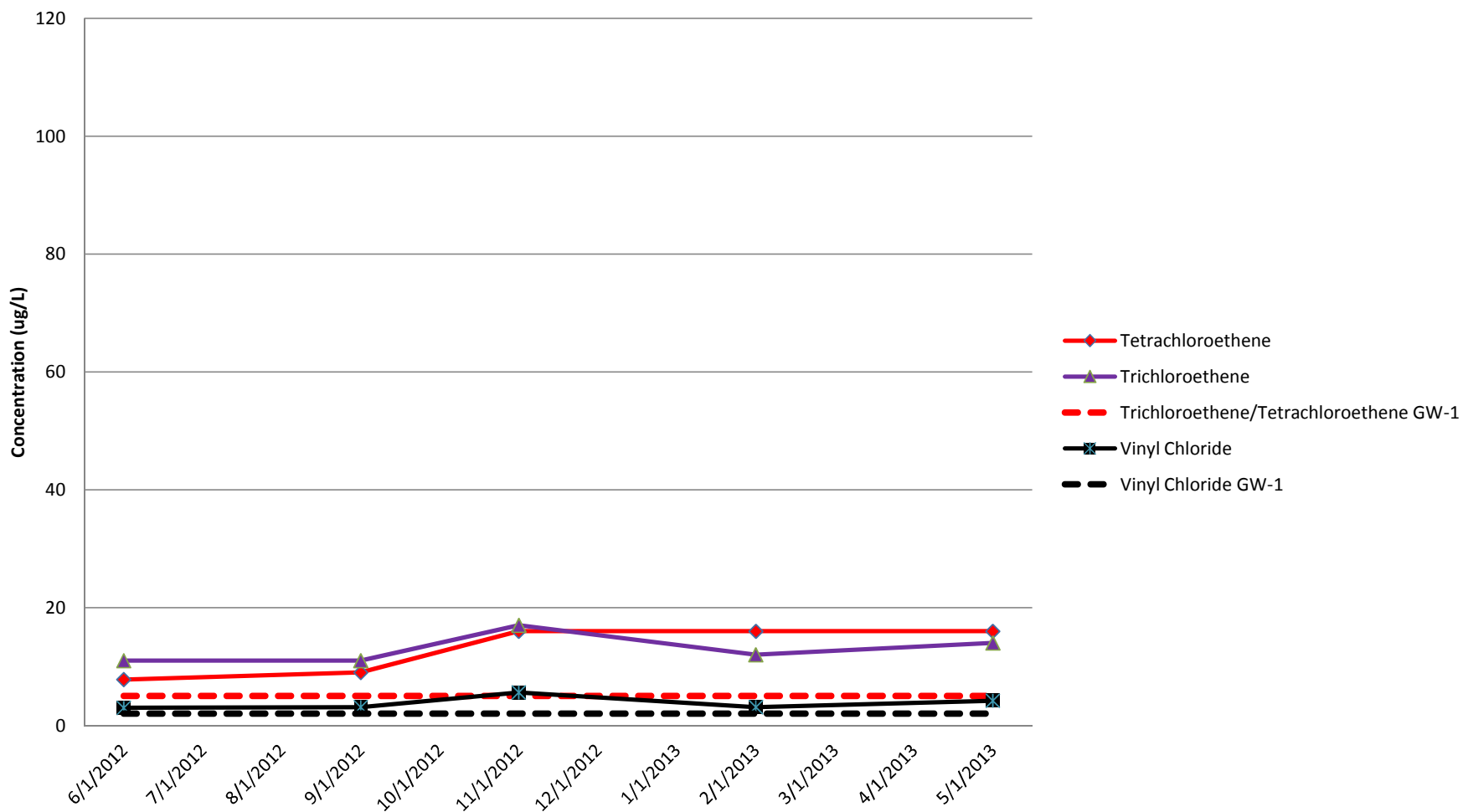


Figure 25
MW-710M cVOC Concentrations vs. Time

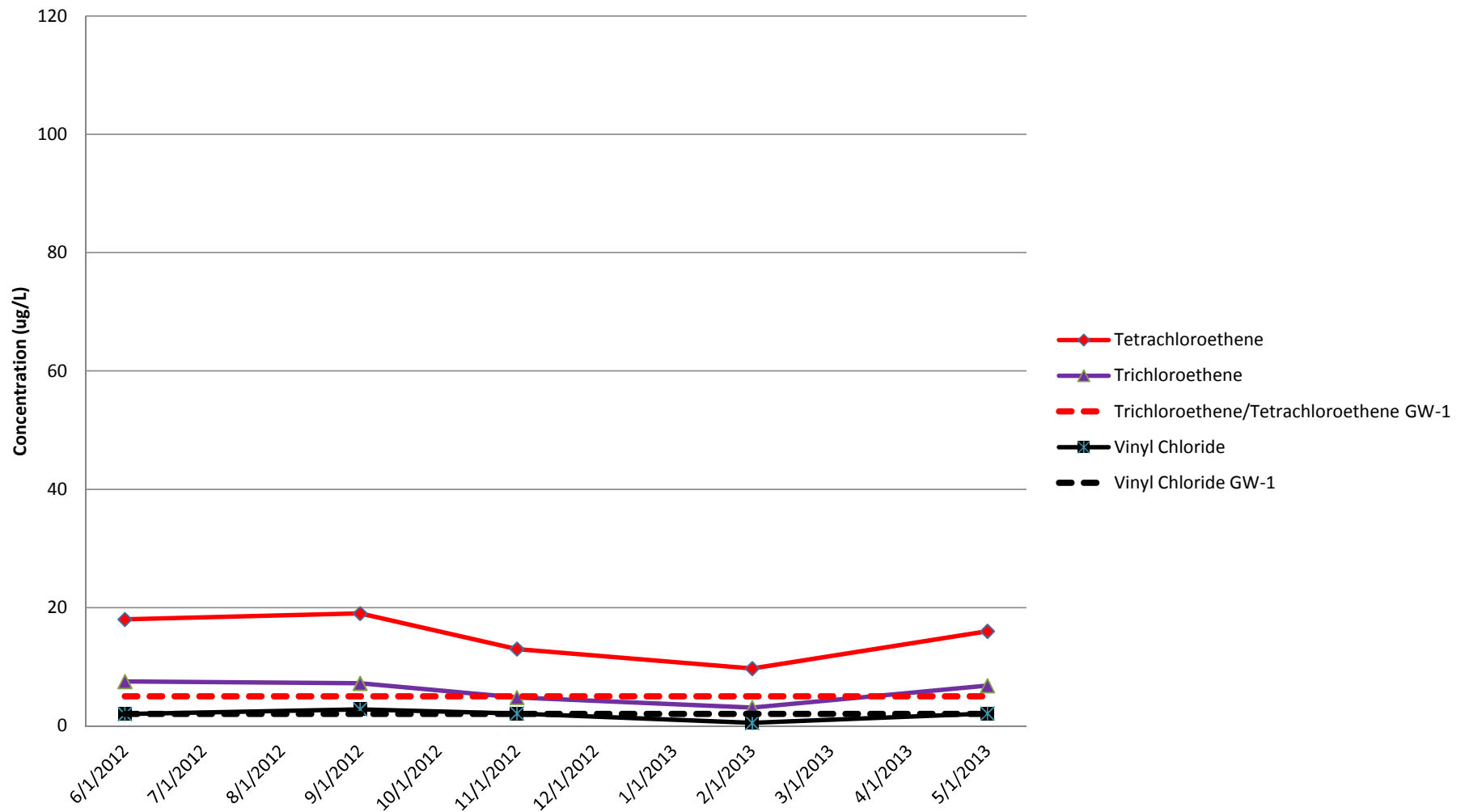


Figure 26
MW-711D cVOC Concentrations vs. Time

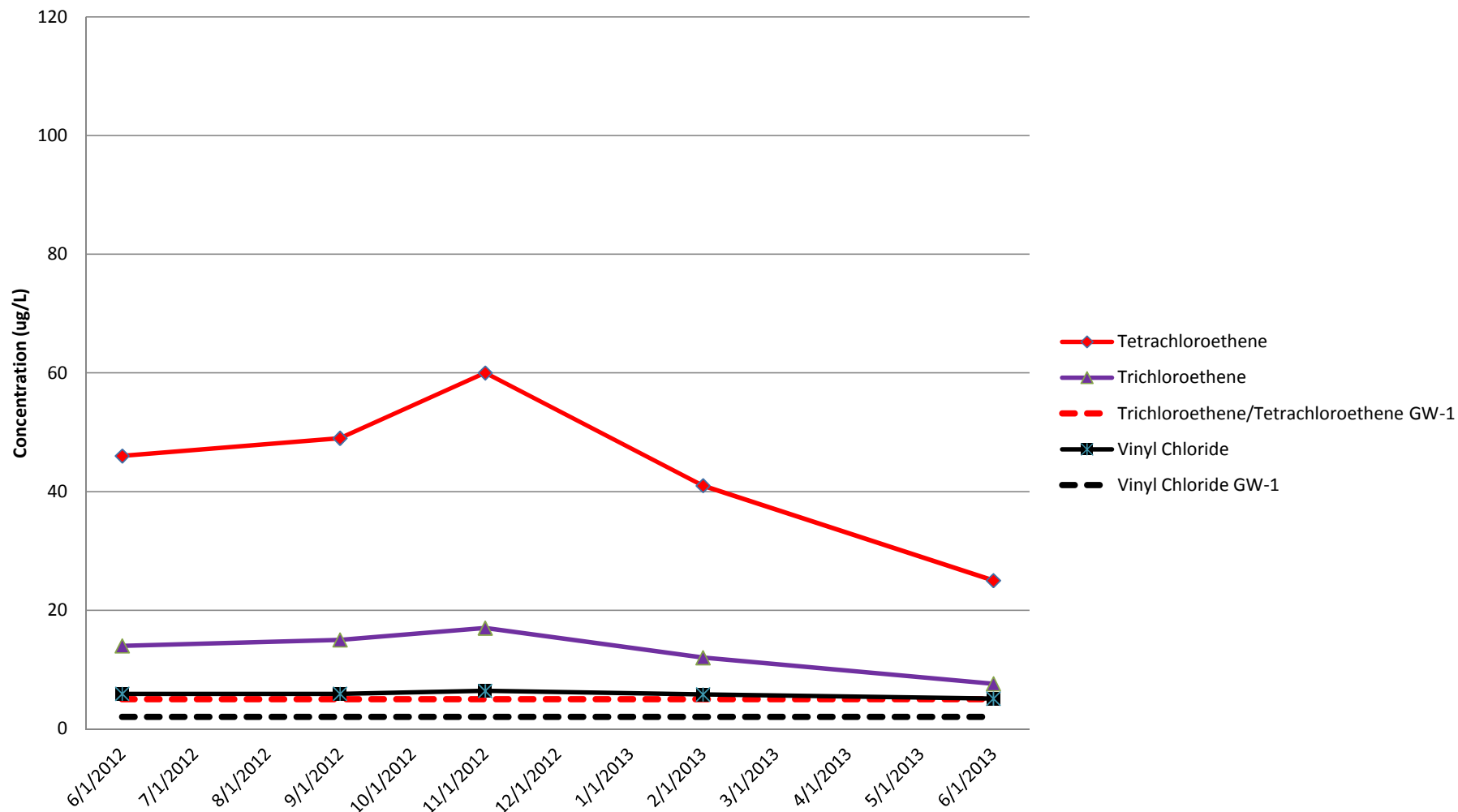


Figure 27
MW-713D cVOC Concentrations vs. Time

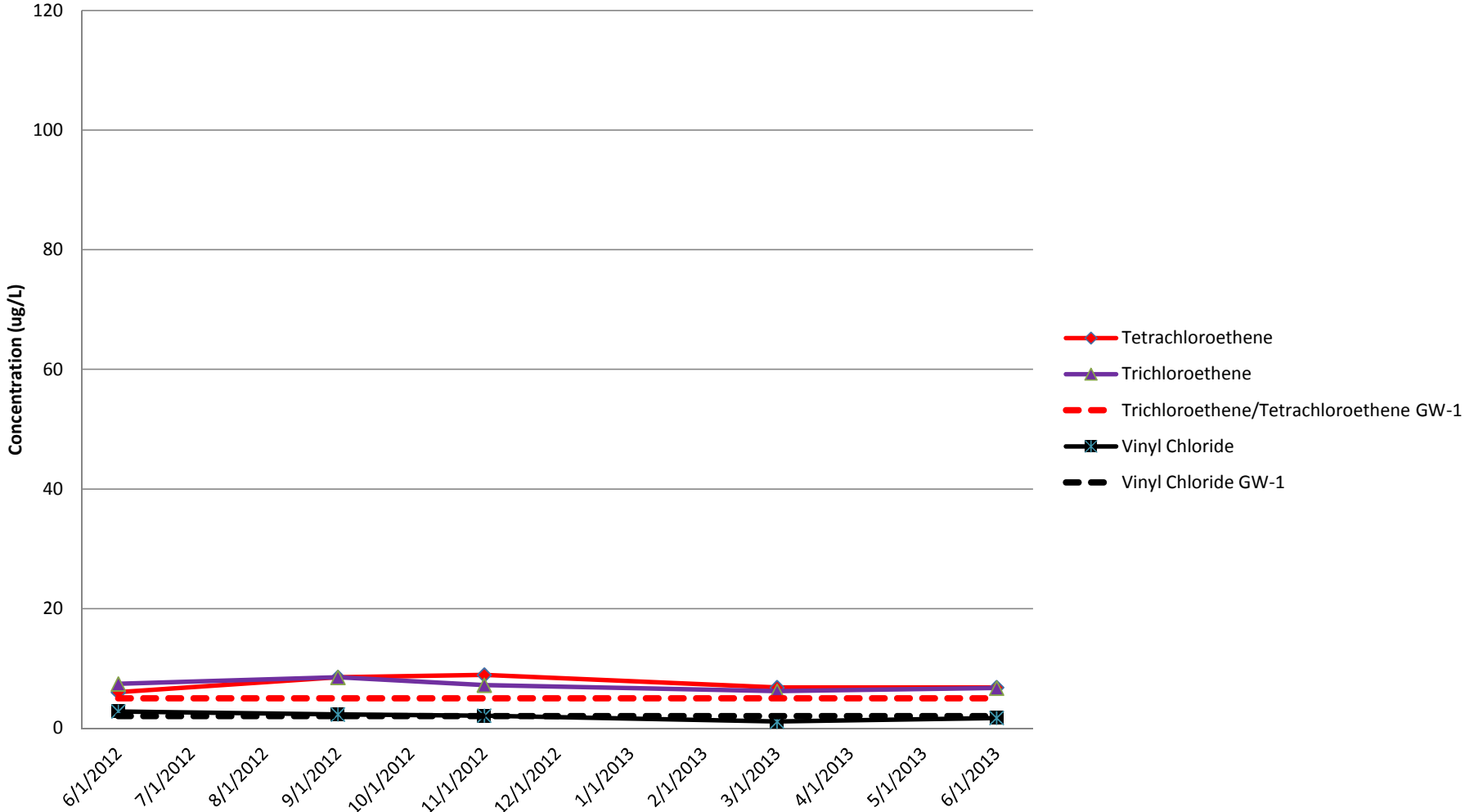


Figure 28
MW-714S cVOC Concentrations vs. Time

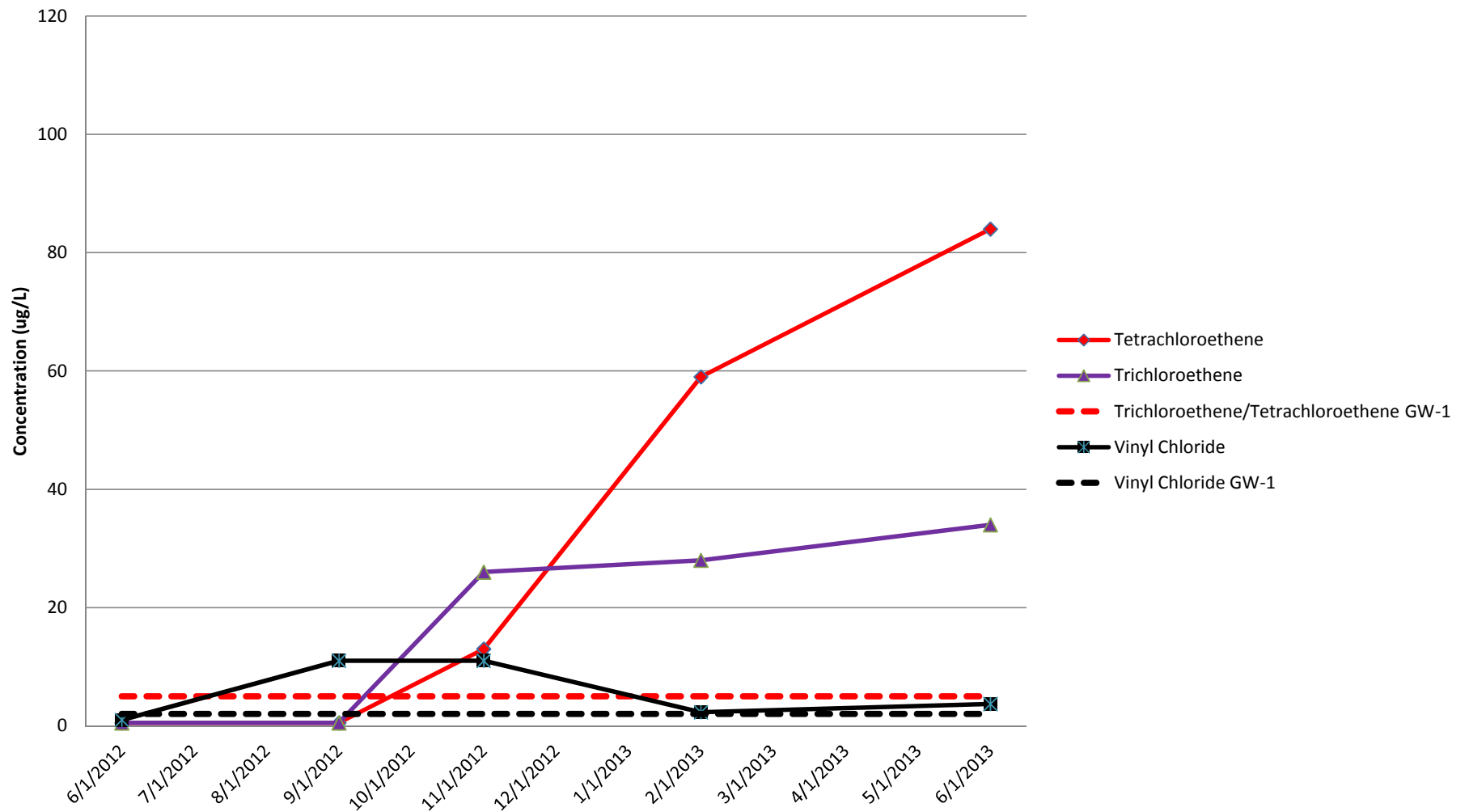


Figure 29
PCE - MW-711 to MW-704
Concentration vs. Distance

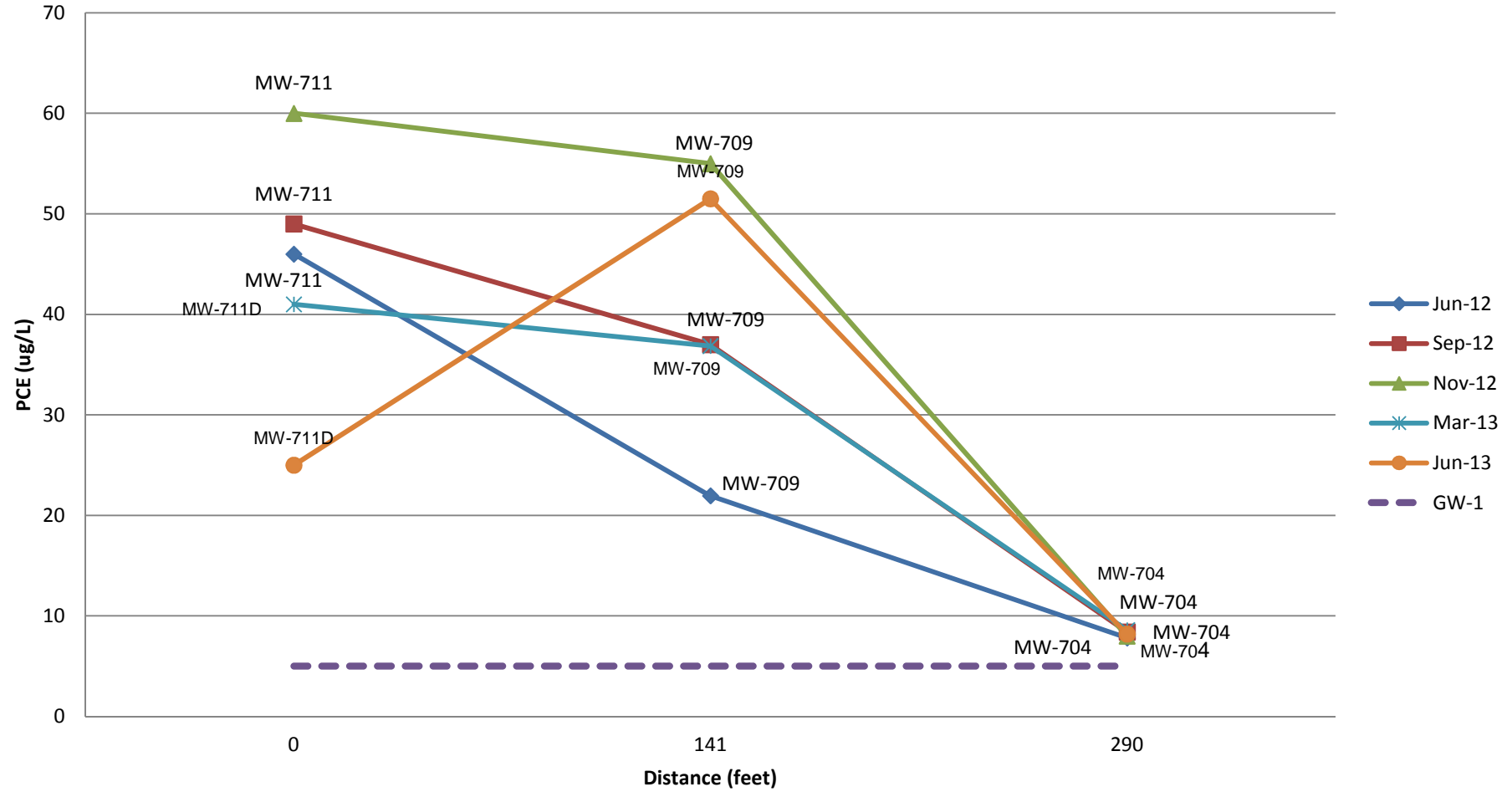


Figure 30
TCE - MW-711 to MW-704
Concentration vs. Distance

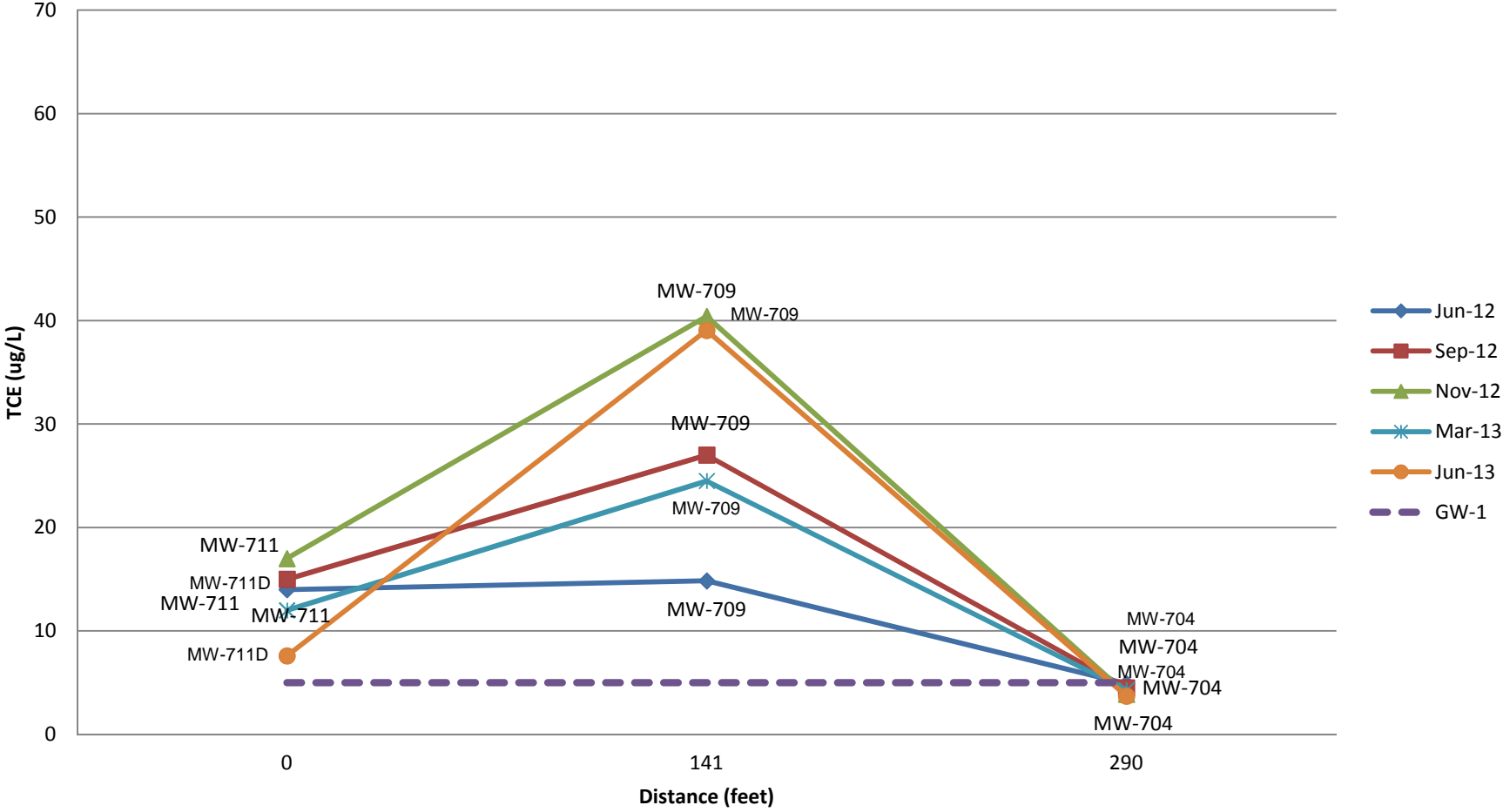


Figure 32
PCE - MB-MW-374 to MW-713
Concentration vs. Distance

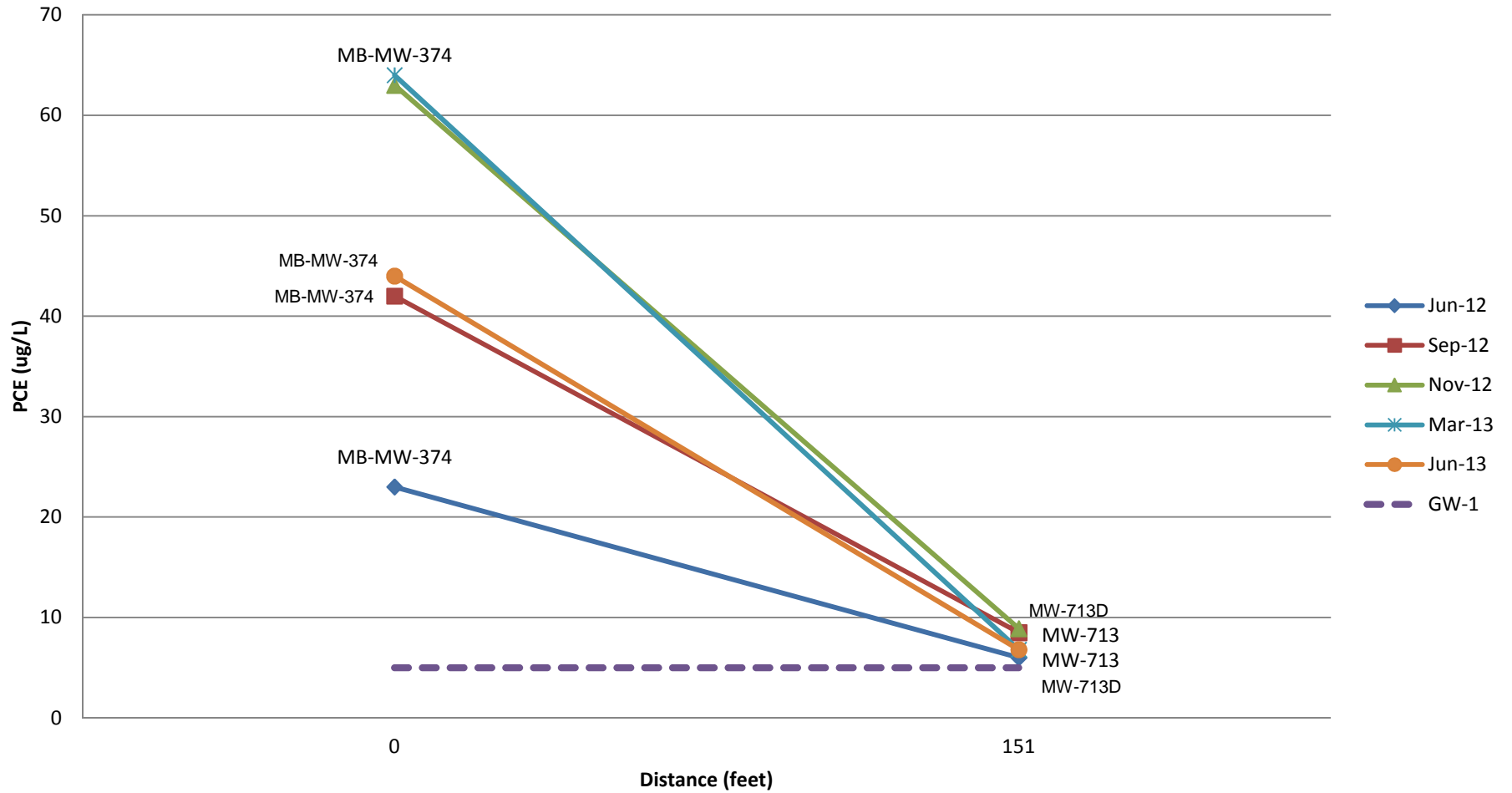


Figure 33
TCE - MB-MW-374 to MW-713
Concentration vs. Distance

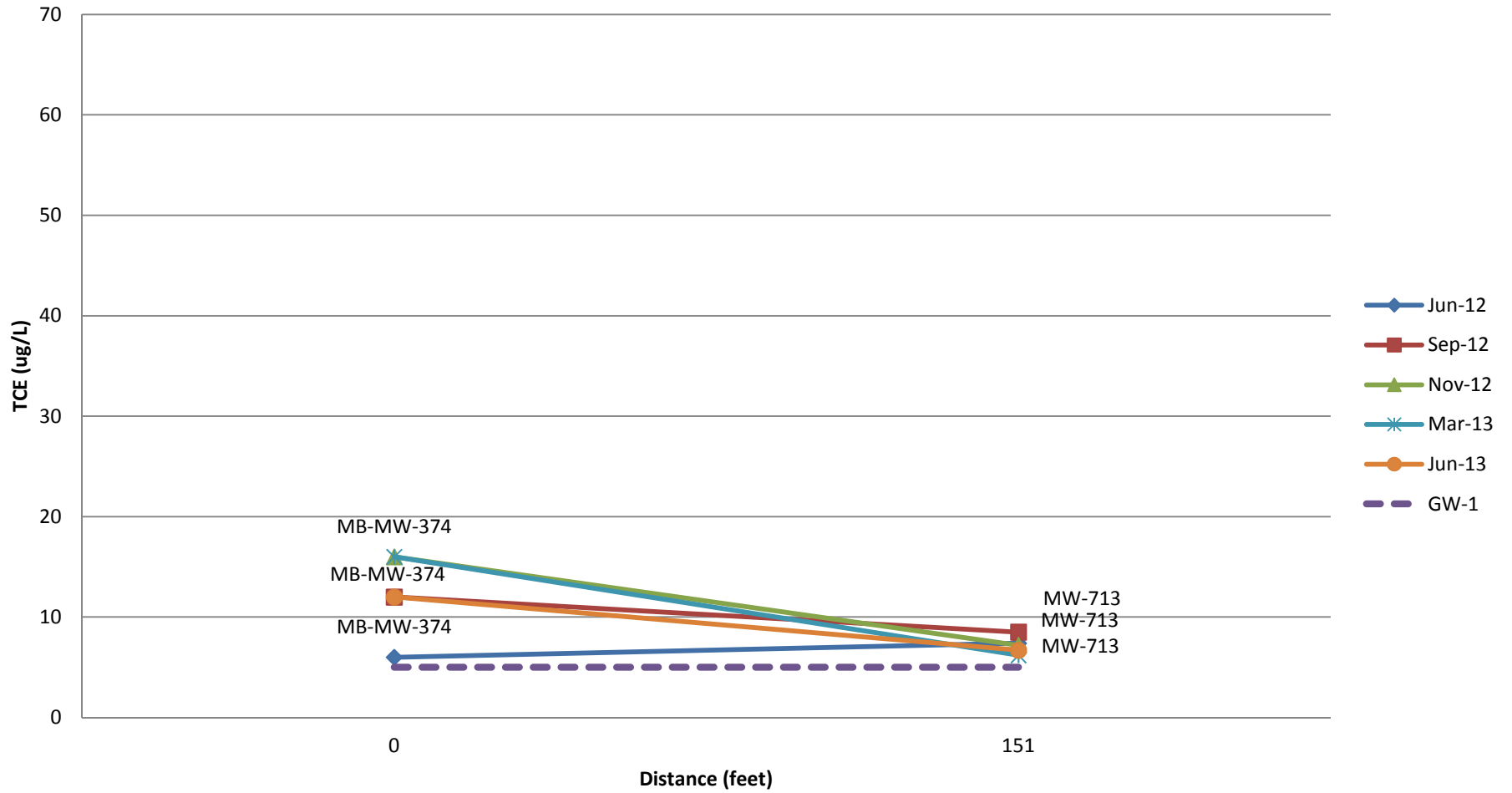
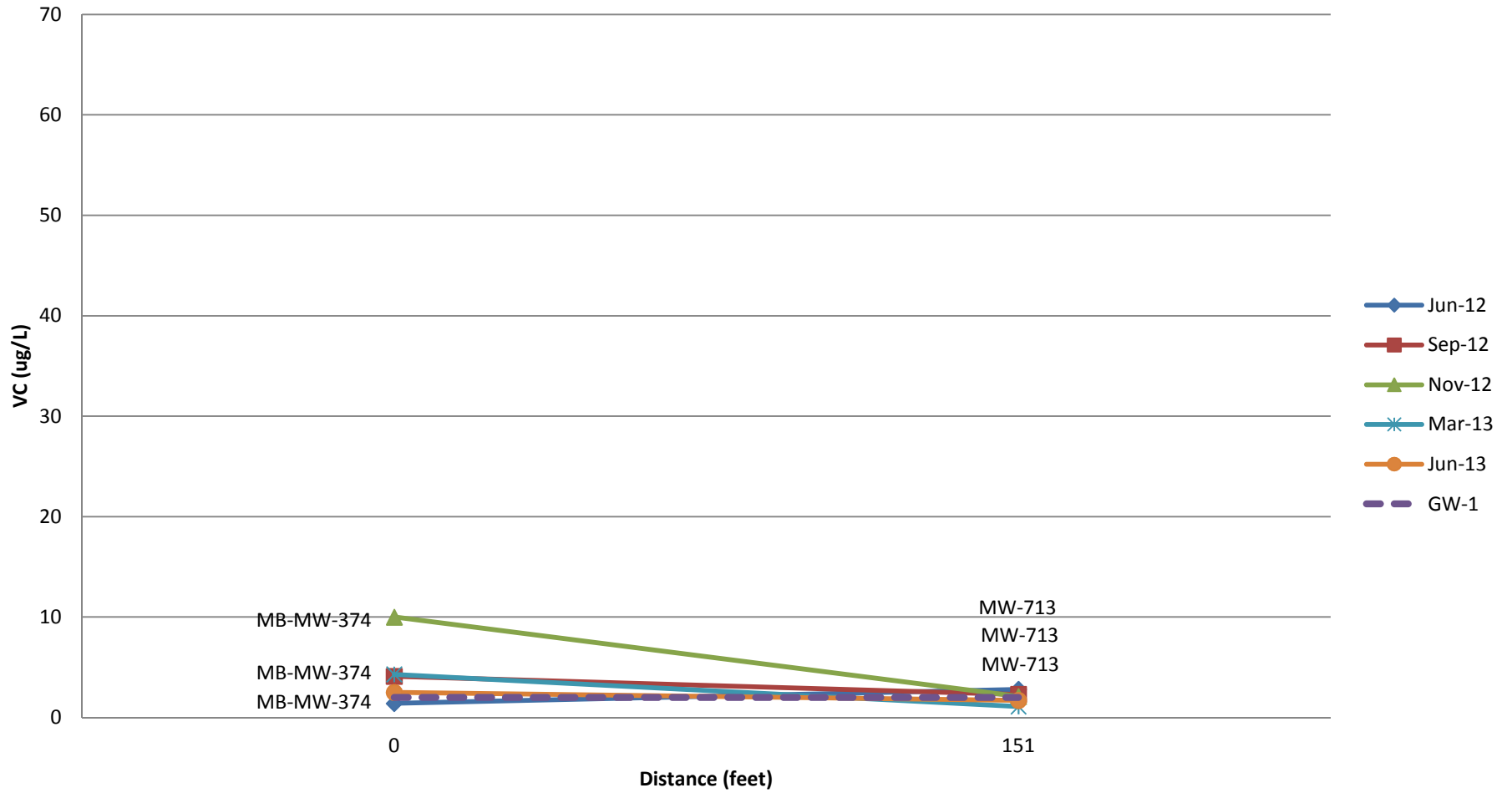


Figure 34
VC - MB-MW-374 to MW-713
Concentration vs. Distance



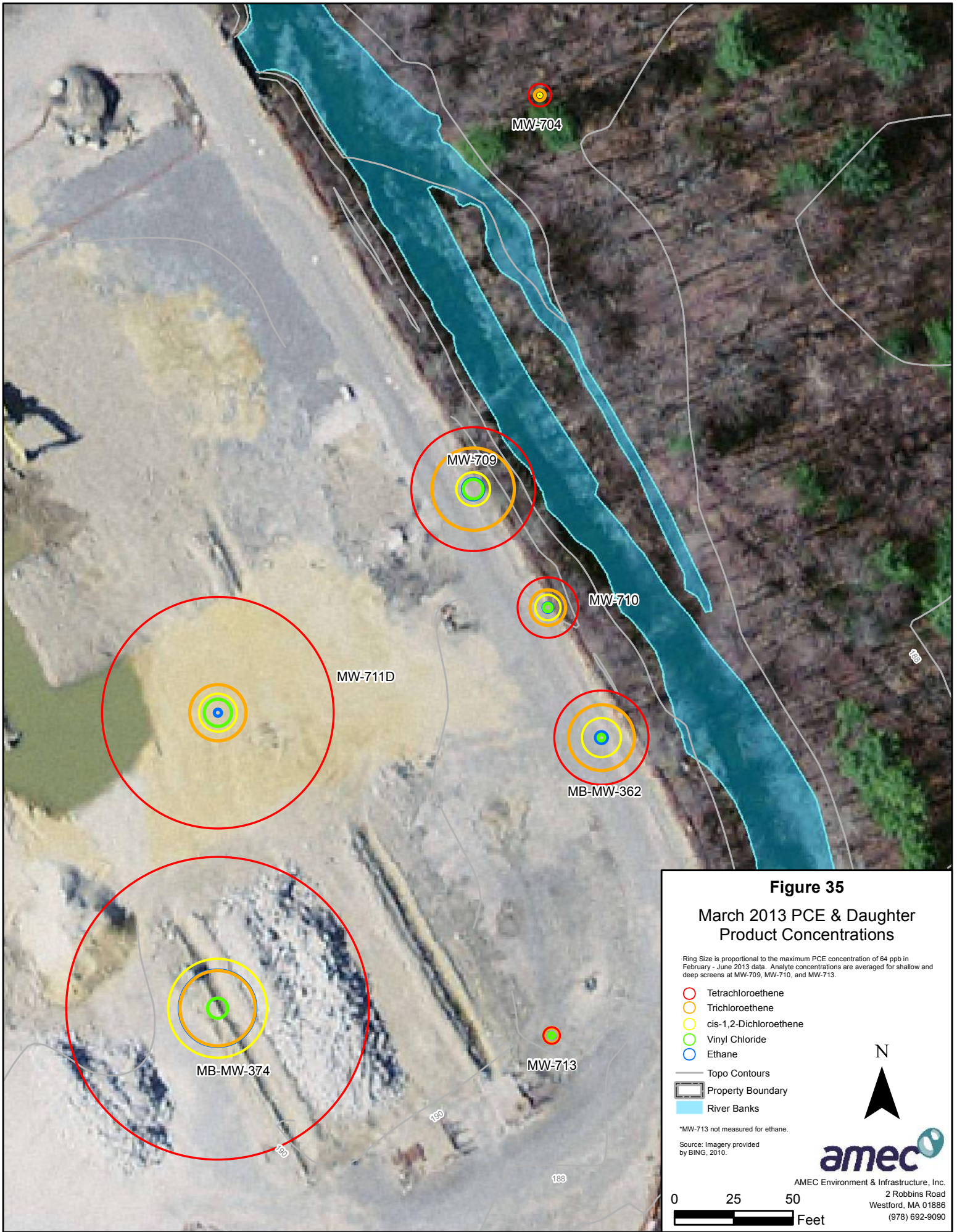


Figure 35

March 2013 PCE & Daughter Product Concentrations

Ring Size is proportional to the maximum PCE concentration of 64 ppb in February - June 2013 data. Analyte concentrations are averaged for shallow and deep screens at MW-709, MW-710, and MW-713.

- Tetrachloroethene
- Trichloroethene
- cis-1,2-Dichloroethene
- Vinyl Chloride
- Ethane

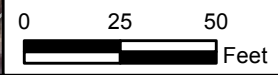
- Topo Contours
- Property Boundary
- River Banks

*MW-713 not measured for ethane.

Source: Imagery provided by BING, 2010.



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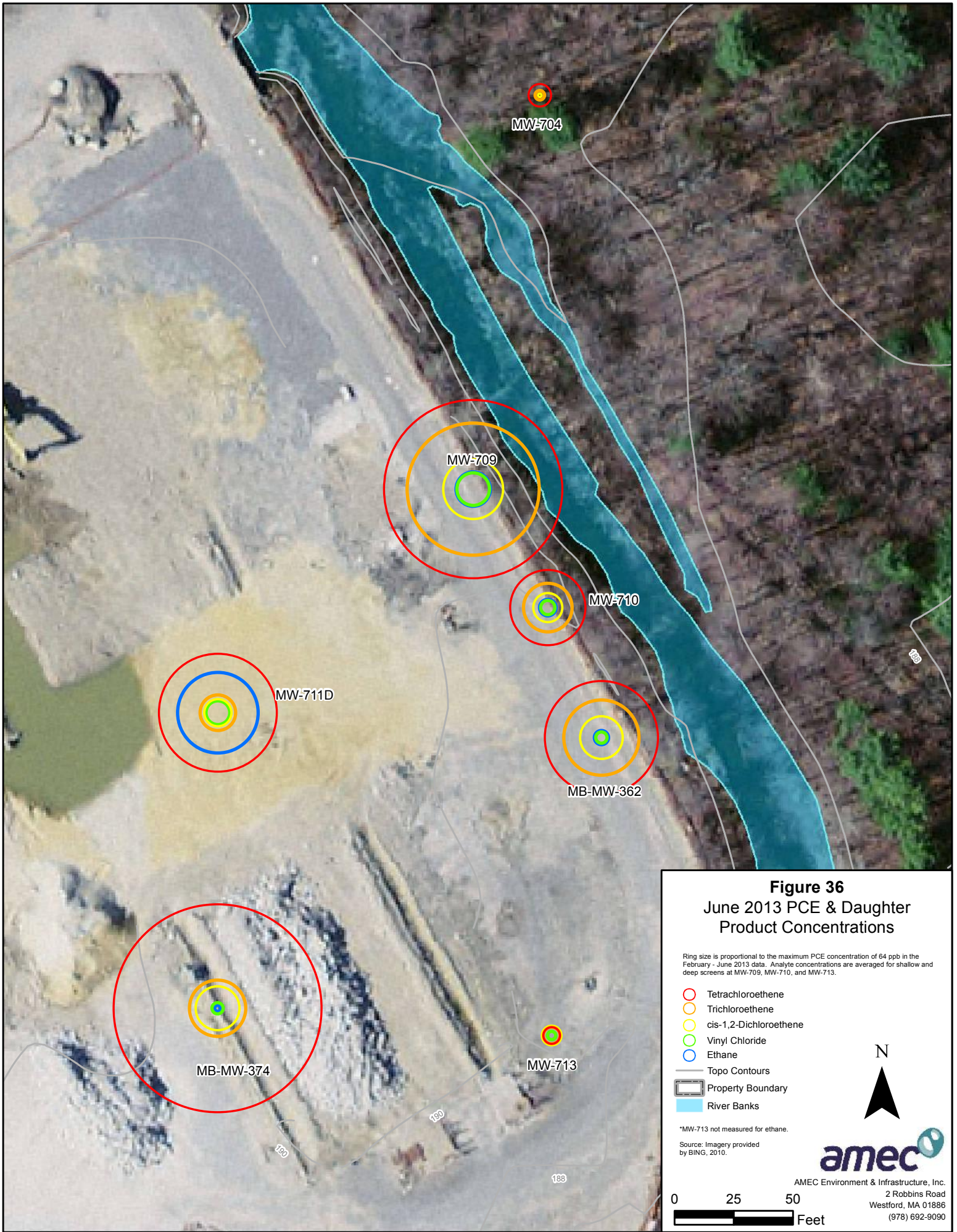


Figure 36
June 2013 PCE & Daughter Product Concentrations

Ring size is proportional to the maximum PCE concentration of 64 ppb in the February - June 2013 data. Analyte concentrations are averaged for shallow and deep screens at MW-709, MW-710, and MW-713.

- Tetrachloroethene
- Trichloroethene
- cis-1,2-Dichloroethene
- Vinyl Chloride
- Ethane
- Topo Contours
- ▭ Property Boundary
- ▭ River Banks

*MW-713 not measured for ethane.
 Source: Imagery provided by BING, 2010.



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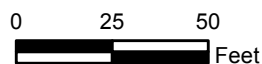


Table 1. MNA Sampling Parameters and Container Types

Analytes	Method	Sample Volume	Containers (number, size, and type)	Preservation Requirements (chemical, temperature, light protection)	Maximum Holding Time (preparation/analysis)
Arsenic MWs: 121, 122, 371, 703, 705, 706					
Arsenic	SW-846 6020A	100 mL	500 mL polyethylene container	HNO ₃ to pH<2	6 months from collection
DCB & cVOC MWs: 124, 129, 360-363, 374, 601-603, 700S, 701S, 702S/D/B, 704S/D, 707D, 708D/B, 709S/D, 710S/M/D/B, 711S/D, 712S, 713S/D, 714S/D, 715S/D (Dissolved gases in eight selected wells based on PCE and geochemistry results)					
VOCs	SW-846 8260C	40 mL	Glass, 2x 40 ml septum sealed vials	HCl pH <2, Cool to 4°C (<6°C, but not frozen) protect from light, no headspace	14 days from collection
Ferrous Iron	Hach method 8146 test kit	35 mL	N/A (onsite field test using kit)		Same day as collection
Chloride, Nitrate, Sulfate	IC Method E300	250 mL	250 mL polyethylene container	Cool to 4°C (<6°C, but not frozen)	48 hours for Nitrate and 28 days from collection for Sulfate and Chloride
Ethene, Ethane, Methane	Kerr Method	40 mL	Glass, 2x 20 ml septum sealed vials	H ₂ SO ₄ pH <2 Cool to 4°C (<6°C, but not frozen)	7 days for extraction and 40 days from extraction till analysis.

Table 2. Geochemistry results for 2012-2013 Groundwater Monitoring
Bird Machine Company

	LR-MW-121	LR-MW-121	LR-MW-121	LR-MW-121	LR-MW-121	LR-MW-122	LR-MW-122	LR-MW-122	LR-MW-122	LR-MW-122	LR-MW-124	LR-MW-124	LR-MW-124	LR-MW-124	LR-MW-124
Sample Date	6/21/2012	9/25/2012	11/27/2012	2/27/2013	5/29/2013	6/22/2012	9/25/2012	11/26/2012	2/27/2013	5/28/2013	6/21/2012	9/25/2012	11/27/2012	2/27/2013	5/29/2013
Depth (ft)	16-26	16-26	16-26	16-26	16-26	2-7	2-7	2-7	2-7	2-7	2-8	2-8	2-8	2-8	2-8
DO (ppm) x 5	0.65	4.3	1.9	1.55	0.9	6.9	6.6	8.65	55.65	6.75	0.4	1.6	1.65	49.95	0.6
ORP (mV) / 10	1.2	-2.02	7	20.1	19.3	1.1	3.1	1.63	9.2	-3.5	-8.4	-11.4	-2.6	14.5	-9.1
CHLORIDE (mg/l) / 5	3	0	0	0	0	1	0	0	0	0	0	1.06	1.04	0.824	1.238
NITRATE (AS N) (mg/l)	0					0					0	ND	ND	0.067	ND
SULFATE (mg/l)	23					0					0	ND	ND	2.58	1.38
Ferrous Iron (mg/l)	0					0.8					3	3	1.1	0	0

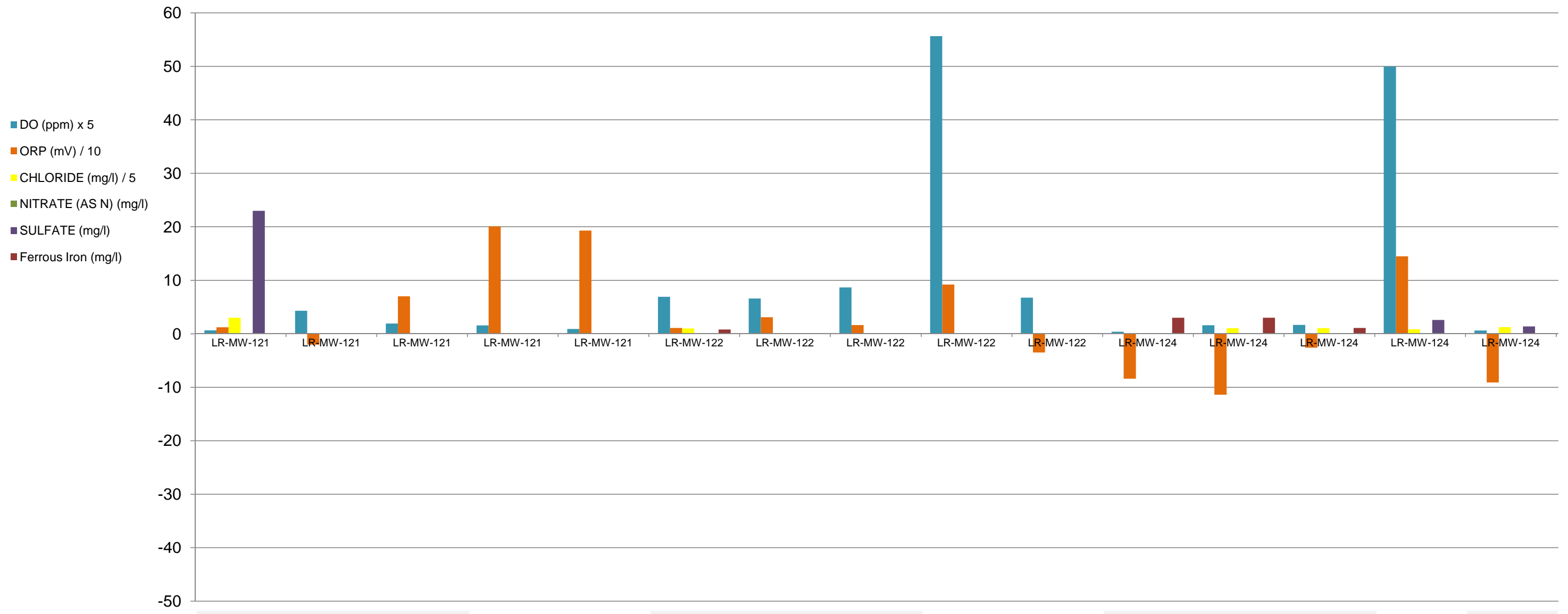


Table 2. Geochemistry results for 2012-2013 Groundwater Monitoring
Bird Machine Company

	LR-MW-129	LR-MW-129	LR-MW-129	LR-MW-129	LR-MW-129	MB-MW-360	MB-MW-360	MB-MW-360	MB-MW-360	MB-MW-360	MB-MW-361	MB-MW-361	MB-MW-361	MB-MW-361	MB-MW-361
Sample Date	6/25/2012	9/25/2012	11/27/2012	2/27/2013	5/29/2013	6/22/2012	10/1/2012	12/3/2012	2/26/2013	6/4/2013	6/22/2012	10/1/2012	11/30/2012	3/4/2013	6/4/2013
Depth (ft)	18-28	18-28	18-28	18-28	18-28	3-10	3-10	3-10	3-10	3-10	12-22	12-22	12-22	12-22	12-22
DO (ppm) x 5	1.5	1.95	1.95	1.45	0.55	17.8	2.85	1.7	13	8.3	3.65	2.85	13	12	1.6
ORP (mV) / 10	2.5	-7.9	-2.1	12.5	4.2	-37.33	-2.1	8.2	16.7	10.96	-40.38	1.6	9.4	17.6	12.5
CHLORIDE (mg/l) / 5	0	6.6	2.6	2.72	3.08	0	13	9	3.62	2.34	1	5	4.8	2.86	3.52
NITRATE (AS N) (mg/l)	0	ND	ND	ND	ND	0	0.17	ND	ND	ND	0	0.87	0.52	0.226	0.485
SULFATE (mg/l)	5	24	17	15	12.5	7	ND	7.7	6.81	6.3	1	ND	10	8.96	8.58
Ferrous Iron (mg/l)	0	0	0	0	0	1	1.3	0	0	0	0	0	0	0	0

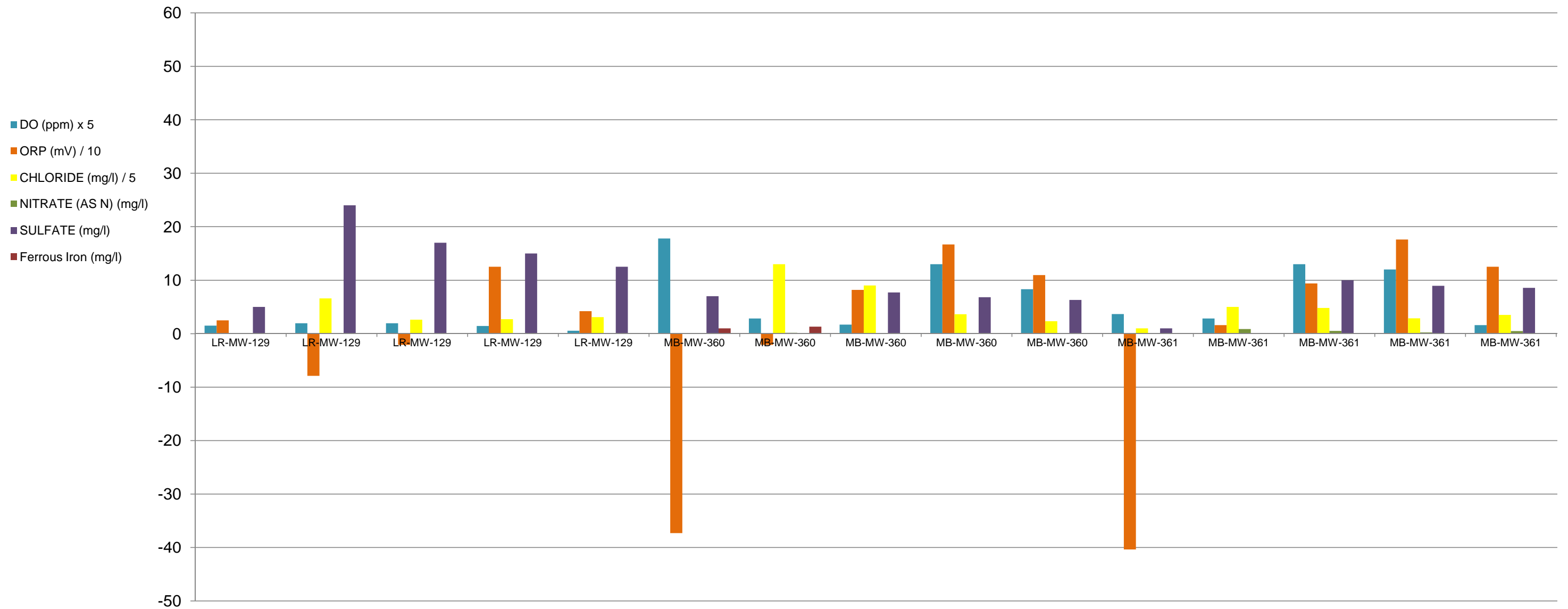


Table 2. Geochemistry results for 2012-2013 Groundwater Monitoring
Bird Machine Company

	MB-MW-362	MB-MW-362	MB-MW-362	MB-MW-362	MB-MW-362	MB-MW-363	MB-MW-363	MB-MW-363	MB-MW-363	MB-MW-363	MB-MW-371	MB-MW-371	MB-MW-371	MB-MW-371	MB-MW-371
Sample Date	6/21/2012	9/27/2012	11/29/2012	3/5/2013	5/30/2013	6/21/2012	9/27/2012	11/29/2012	3/1/2013	5/31/2013	7/3/2012	9/28/2012	11/27/2012	2/27/2013	5/29/2013
Depth (ft)	15-20	15-20	15-20	15-20	15-20	3-8	3-8	3-8	3-8	3-8	2-10	2-10	2-10	2-10	2-10
DO (ppm) x 5	0.6	2.2	1.5	2.45	1	0.85	2.4	5.85	1.55	8.9	1.25	6.55	23.95	46.5	12.35
ORP (mV) / 10	3.3	-5.5	3.5	20.1	4.8	7	-5.3	2.4	18.5	9.1	-3.5	-1.71	10.4	19.3	19.6
CHLORIDE (mg/l) / 5	1	6.2	4.6	4.3	3.38	2	0.38	0.44	4.42	2.48	0.2	0	0	0	0
NITRATE (AS N) (mg/l)	0	ND	ND	ND	ND	0	ND	ND	ND	0.116	0				
SULFATE (mg/l)	21	19	15	13.9	11.8	7	5.2	2.4	14	6.76	5				
Ferrous Iron (mg/l)	0	0	0	0	0	0	0	0	0	0	0				

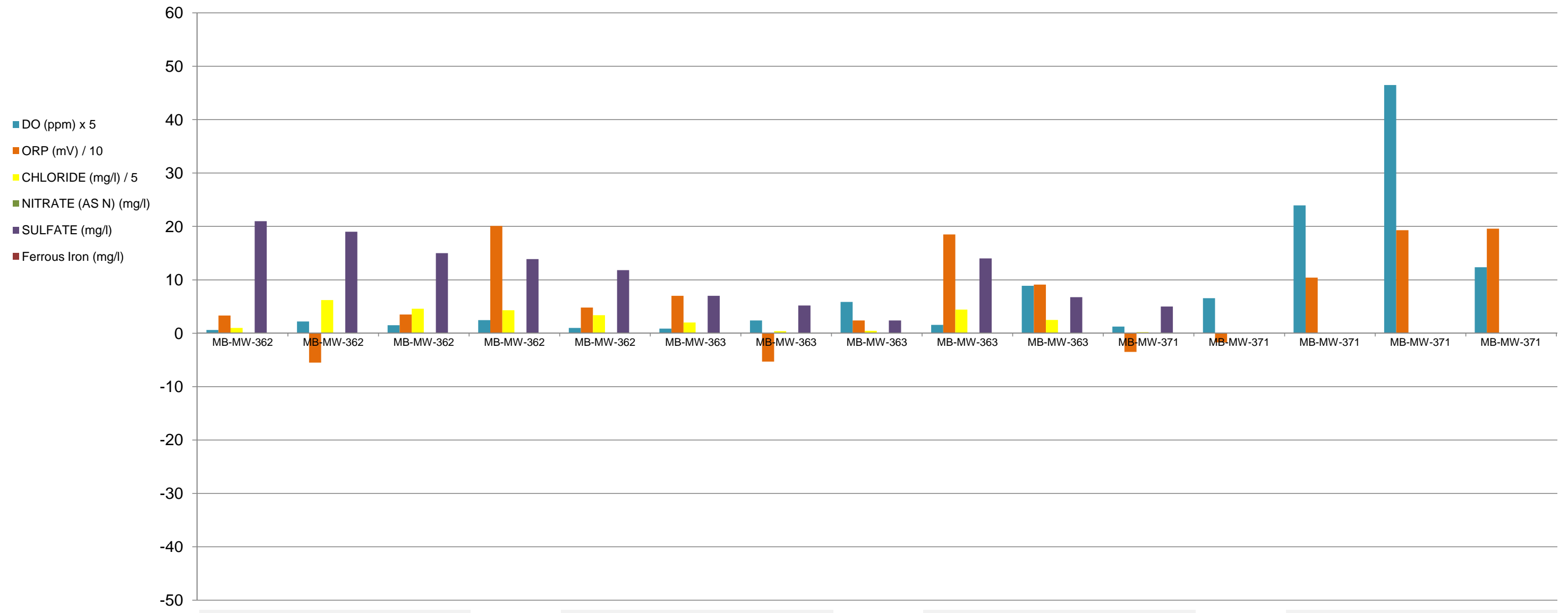


Table 2. Geochemistry results for 2012-2013 Groundwater Monitoring
Bird Machine Company

	MB-MW-374	MB-MW-374	MB-MW-374	MB-MW-374	MB-MW-374	MW-700S	MW-700S	MW-700S	MW-700S	MW-700S	MW-701S	MW-701S	MW-701S	MW-701S	MW-701S
Sample Date	6/19/2012	9/26/2012	11/28/2012	2/27/2013	6/3/2013	6/21/2012	9/25/2012	11/27/2012	3/5/2013	5/29/2013	6/26/2012	10/1/2012	11/27/2012	3/5/2013	5/30/2013
Depth (ft)	16-26	16-26	16-26	16-26	16-26	8-18	8-18	8-18	8-18	8-18	11-21	11-21	11-21	11-21	11-21
DO (ppm) x 5	0.65	0.95	0.65	1.8	3.05	47.6	6.8	12.75	13.35	40.05	17.55	15.3	24.5	25.05	46.3
ORP (mV) / 10	-0.37	-8.2	-8.13	-24.48	1.38	27.45	-9.9	-11.38	-12.56	11.28	-4.55	-5.16	-1.83	-21.36	10.61
CHLORIDE (mg/l) / 5	1	1.96	3	3.3	2.3	0.2	0.84	0.6	0.578	0.476	0	1.14	0.74	0.534	0.896
NITRATE (AS N) (mg/l)	0	ND	ND	ND	ND	0	ND	ND	0.21	0.35	0	0.12	0.92	1.2	0.834
SULFATE (mg/l)	11	10	12	11.6	8.82	0	2.8	3.9	5.56	3.94	0	ND	5.6	3.52	4.81
Ferrous Iron (mg/l)	1	1	0.5	1	0.65	0	0	1	0	0	0.3	1	0	0	0

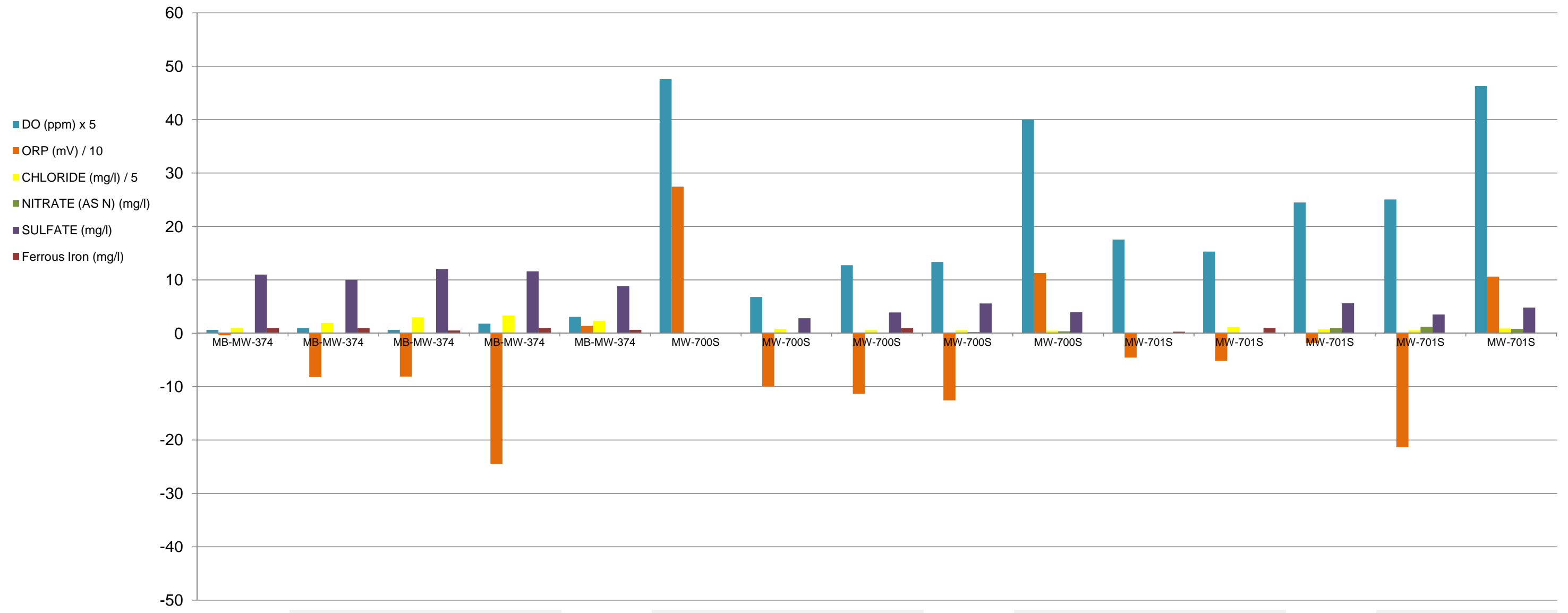


Table 2. Geochemistry results for 2012-2013 Groundwater Monitoring
Bird Machine Company

	MW-702B	MW-702B	MW-702B	MW-702B	MW-702B	MW-702D	MW-702D	MW-702D	MW-702D	MW-702D	MW-702S	MW-702S	MW-702S	MW-702S	MW-702S
Sample Date	6/26/2012	9/28/2012	11/27/2012	2/28/2013	5/30/2013	6/26/2012	9/28/2012	11/27/2012	2/28/2013	5/29/2013	6/25/2012	9/28/2012	11/27/2012	2/28/2013	5/29/2013
Depth (ft)	32-37	32-37	32-37	32-37	32-37	20.5-25.5	20.5-25.5	20.5-25.5	20.5-25.5	20.5-25.5	13-18	13-18	13-18	13-18	13-18
DO (ppm) x 5	1.3	0.5	1.75	6.45	6.3	8.25	14	13.85	11.25	12.35	19.3	20.6	22.85	24.85	20.9
ORP (mV) / 10	7.9	3.87	-9.66	-21.38	2.86	13.2	5.06	-11.13	-17.51	8.84	10.4	6.81	-14.11	-15.55	11.83
CHLORIDE (mg/l) / 5	0	3	3	3	2.94	0.2	2.4	2.4	2.32	2.46	0	ND	0.58	0.89	0.93
NITRATE (AS N) (mg/l)	0	0.62	0.46	0.38	0.412	0	1.2	1.1	0.698	0.486	0	1.8	1.5	0.722	0.686
SULFATE (mg/l)	1	10	10	9.41	8.52	0	11	11	8.03	7.96	0	19	8.1	6.13	5.07
Ferrous Iron (mg/l)	0	1	0.5	0	0	0	0	0	0	0	0	1	0	0	0

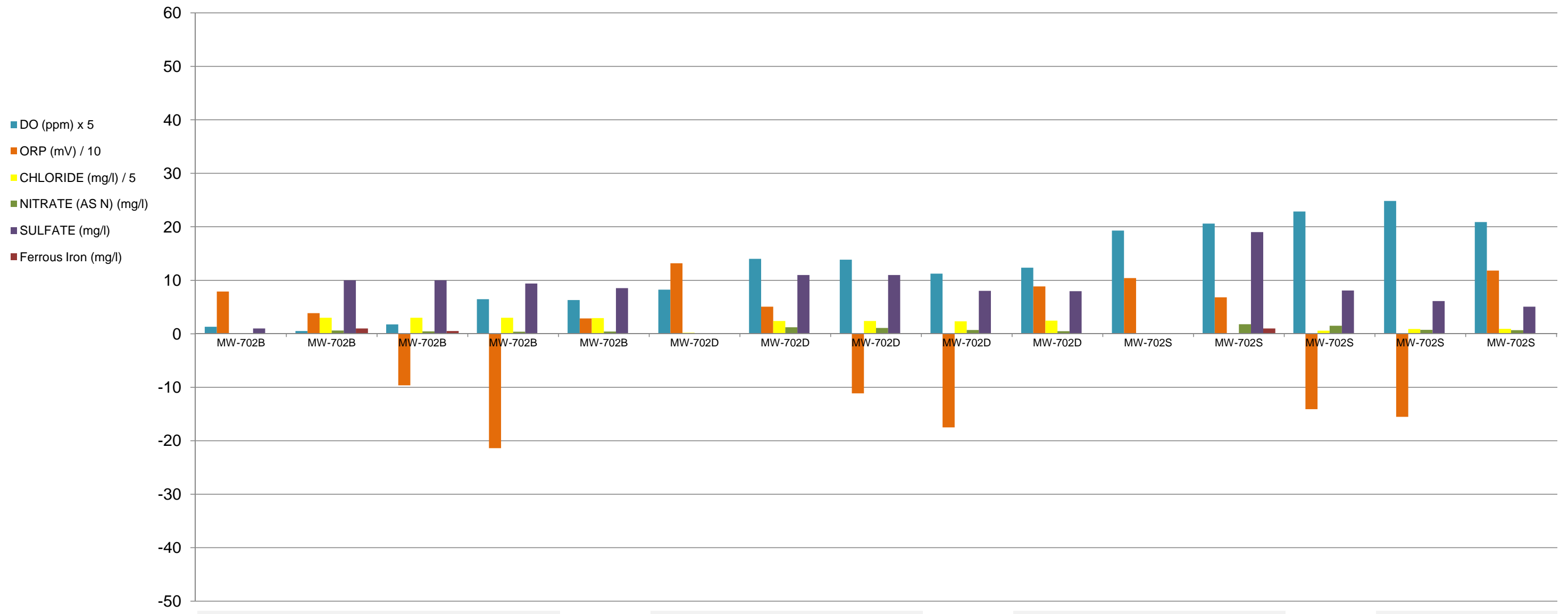


Table 2. Geochemistry results for 2012-2013 Groundwater Monitoring
Bird Machine Company

	MW-703S	MW-703S	MW-703S	MW-703S	MW-704D	MW-704D	MW-704D	MW-704D	MW-704D	MW-704S	MW-704S	MW-704S	MW-704S	MW-704S
Sample Date	6/27/2012	9/25/2012	11/26/2012	6/4/2013	6/22/2012	9/28/2012	11/30/2012	3/4/2013	6/4/2013	6/22/2012	9/28/2012	11/30/2012	3/5/2013	6/4/2013
Depth (ft)	4-14	4-14	4-14	4-14	11-21	11-21	11-21	11-21	11-21	3-7	3-7	3-7	3-7	3-7
DO (ppm) x 5	0.85	9.85	15.2	20.15	0.3	0.9	3.3	2.3	0.75	6.65	21.55	39.75	11	29.55
ORP (mV) / 10	-13.7	15.5	17.3	6.42	-20.5	-7.2	8.5	17.5	9.7	-39.12	-4.3	8.8	23	12.4
CHLORIDE (mg/l) / 5	0.2	0	0	0	0	7.8	8.2	7.96	7.36	0	7.2	7.6	7.14	0
NITRATE (AS N) (mg/l)	0				0	0.28	0.36	0.431	0.45	0	ND	ND	ND	
SULFATE (mg/l)	9				0	11	13	13	12.1	2	21	25	24.2	
Ferrous Iron (mg/l)	0.5				0	0	0	0	0	0.5	0	0	0	

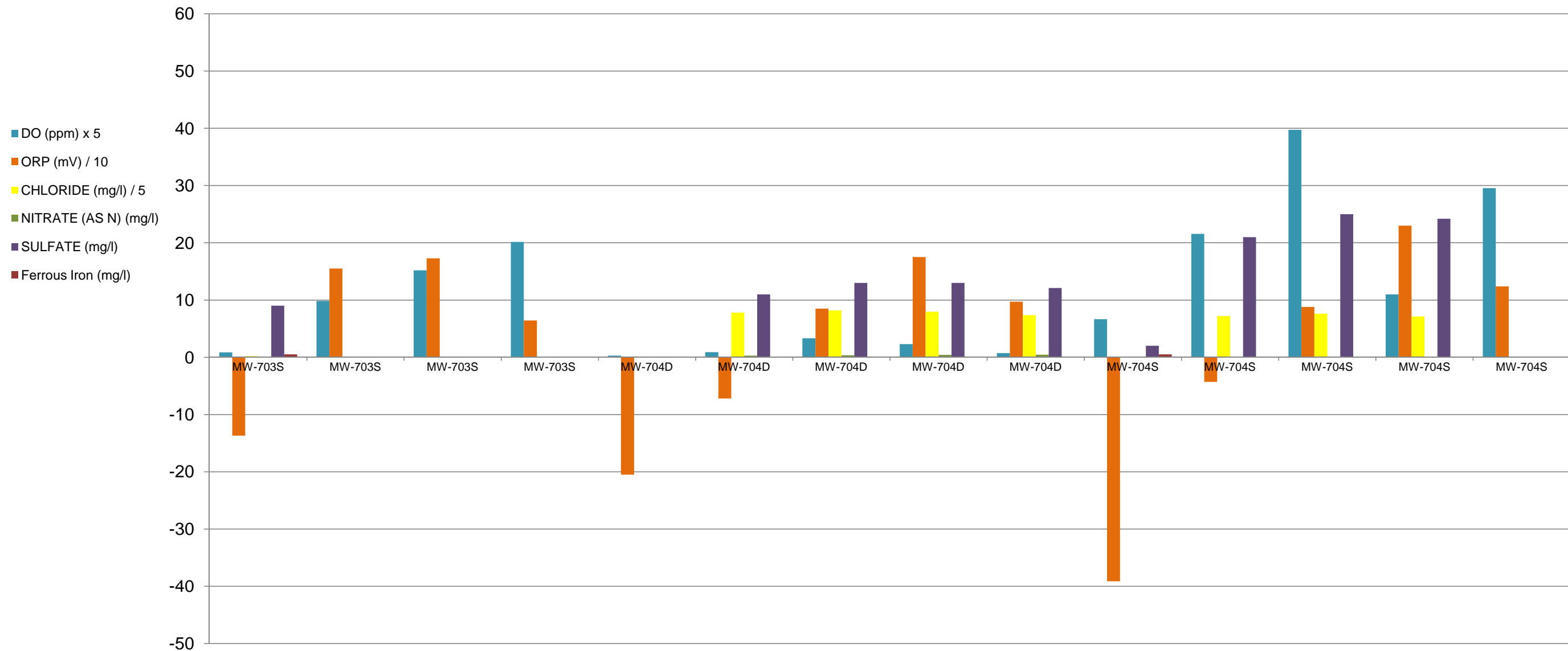


Table 2. Geochemistry results for 2012-2013 Groundwater Monitoring
Bird Machine Company

	MW-705S	MW-705S	MW-705S	MW-705S	MW-706S	MW-706S	MW-706S	MW-706S	MW-707D	MW-707D	MW-707D	MW-707D	MW-707D
Sample Date	6/26/2012	9/27/2012	12/3/2012	6/4/2013	6/27/2012	9/25/2012	11/26/2012	5/31/2013	6/20/2012	10/1/2012	11/30/2012	3/4/2013	5/31/2013
Depth (ft)	4-14	4-14	4-14	4-14	2.5-12.5	2.5-12.5	2.5-12.5	2.5-12.5	20-30	20-30	20-30	20-30	20-30
DO (ppm) x 5	0.85	2.55	2.6	1.35	0.7	2.9	8.2	16.9	0.25	0.45	1.4	2.55	0.95
ORP (mV) / 10	-1.02	-4.6	13.2	10.48	-8	6.4	13.4	5.75	-1.87	1.61	-10.79	-16.57	4.5
CHLORIDE (mg/l) / 5	0	0	0	0	1	0	0	0	0	10.8	12.4	15.02	12.32
NITRATE (AS N) (mg/l)	0				0				0	0.42	0.16	0.294	0.579
SULFATE (mg/l)	12				7				35	28	26	31	35.9
Ferrous Iron (mg/l)	0				1				0	1	0.5	0	0

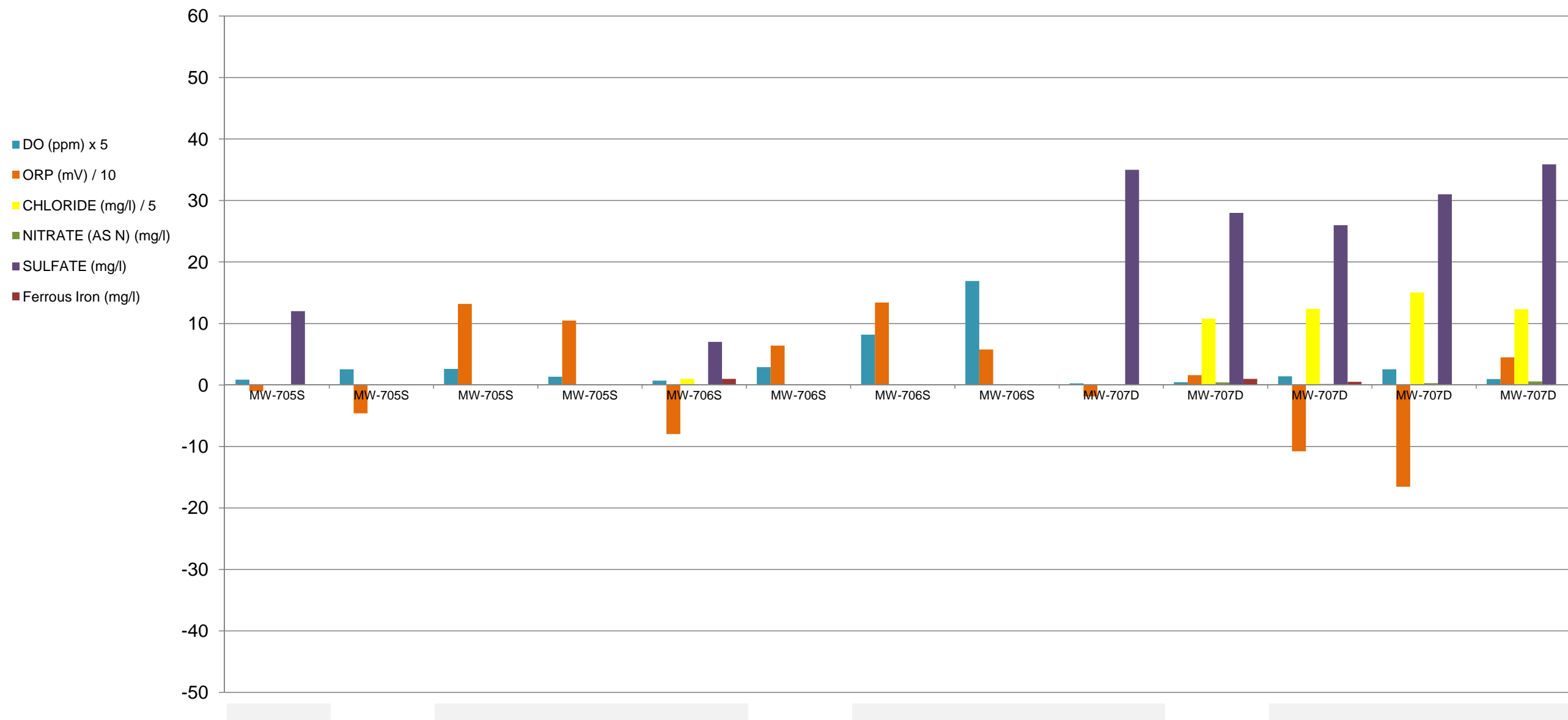


Table 2. Geochemistry results for 2012-2013 Groundwater Monitoring
Bird Machine Company

	MW-708B	MW-708B	MW-708B	MW-708B	MW-708B	MW-708D	MW-708D	MW-708D	MW-708D	MW-708D	MW-709D	MW-709D	MW-709D	MW-709D	MW-709D
Sample Date	6/26/2012	9/27/2012	11/30/2012	2/26/2013	6/26/2012	6/25/2012	9/27/2012	11/30/2012	2/26/2013	5/31/2013	6/20/2012	9/26/2012	11/28/2012	2/28/2013	5/29/2013
Depth (ft)	42.5-52.5	42.5-52.5	42.5-52.5	42.5-52.5	42.5-52.5	16-26	16-26	16-26	16-26	16-26	23-33	23-33	23-33	23-33	23-33
DO (ppm) x 5	1.2	0.55	0.75	5.35	1.2	1.15	0.65	3.25	11.1	10.85	1	2.1	2.15	2.9	0.6
ORP (mV) / 10	-8.29	-14.68	-10.57	-27.62	-8.29	-0.87	-8.94	-9.75	-25.5	2.4	-35.71	-17.6	6.5	9.6	5.4
CHLORIDE (mg/l) / 5	0	5.2	7.2	6.96	0	0.2	1.36	1.04	1.408	0.984	4	3.2	5.2	5.16	4.8
NITRATE (AS N) (mg/l)	0	ND	ND	ND	0	0	ND	0.1	0.115	ND	0	ND	ND	ND	ND
SULFATE (mg/l)	20	8	21	19.3	20	8	20	13	12.1	10.9	26	16	23	21.2	18.7
Ferrous Iron (mg/l)	0	1	0	0	0	0.5	1	0	0	0	0	0	0	0	0

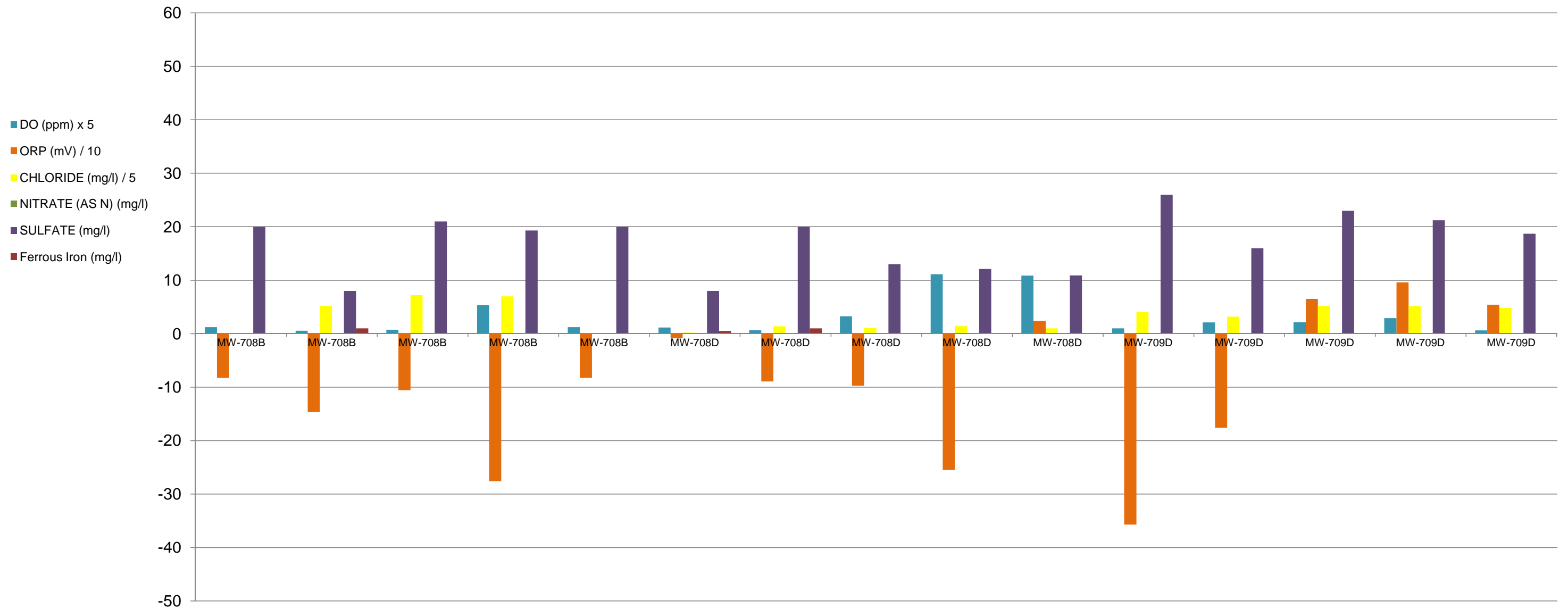


Table 2. Geochemistry results for 2012-2013 Groundwater Monitoring
Bird Machine Company

	MW-709S	MW-709S	MW-709S	MW-709S	MW-709S	MW-710B	MW-710B	MW-710B	MW-710B	MW-710B	MW-710D	MW-710D	MW-710D	MW-710D	MW-710D
Sample Date	6/20/2012	9/25/2012	11/28/2012	2/28/2013	5/30/2013	6/25/2012	9/26/2012	11/29/2012	3/1/2013	5/31/2013	6/21/2012	9/26/2012	11/29/2012	3/1/2013	5/31/2013
Depth (ft)	6-16	6-16	6-16	6-16	6-16	54-64	54-64	54-64	54-64	54-64	34-44	34-44	34-44	34-44	34-44
DO (ppm) x 5	1.1	1.35	1.5	0.95	1.4	0.9	1.6	1.7	2.55	0.7	12.35	2.25	2.15	7.35	4.9
ORP (mV) / 10	-35.63	-7	10.7	10.1	12.6	-1.71	-11.3	1.7	5.7	-3.2	-31.11	-21.5	7.4	5	9.5
CHLORIDE (mg/l) / 5	1	12.2	14.4	10.98	13.54	3	3.8	4.2	4.36	3.88	5	3	3	2.56	2.26
NITRATE (AS N) (mg/l)	0	ND	ND	ND	ND	0	0.07	0.2	0.191	0.302	0	0.09	0.12	0.369	0.412
SULFATE (mg/l)	11		10	9.09	10.3	34	12	9.6	8.25	7.36	19	16	9.5	7.82	8.76
Ferrous Iron (mg/l)	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0

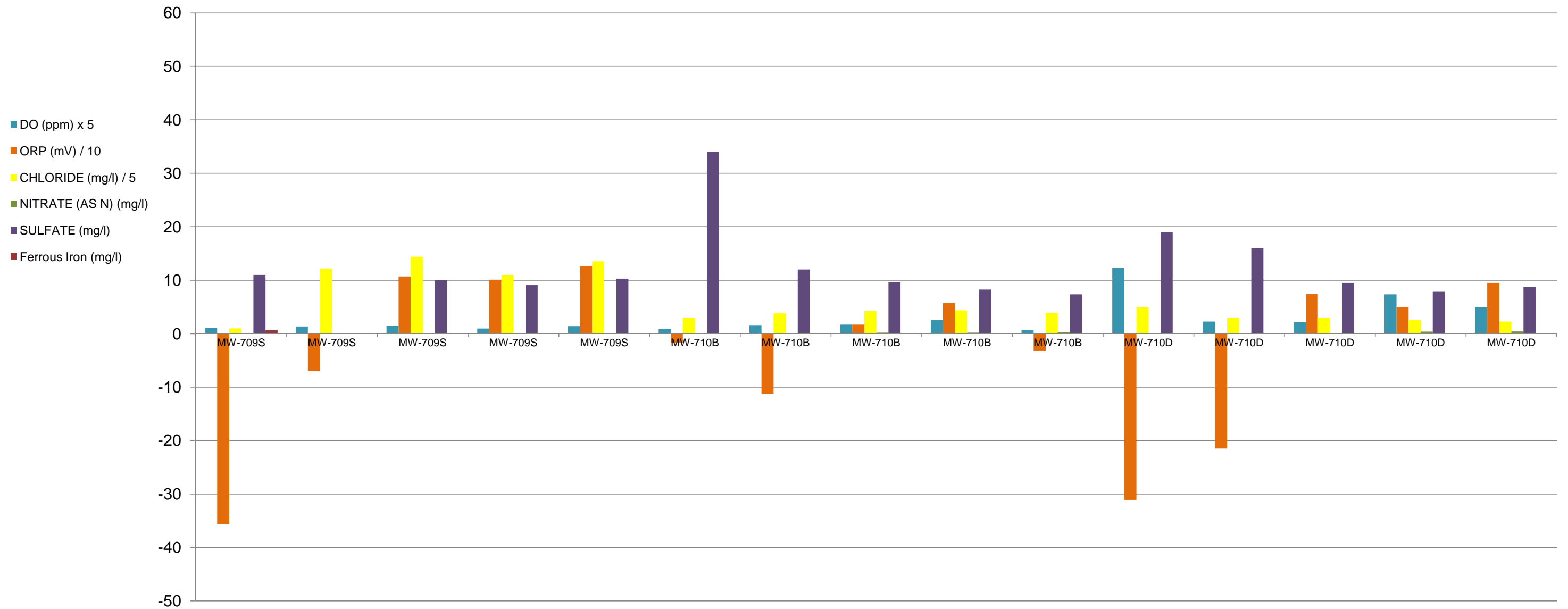


Table 2. Geochemistry results for 2012-2013 Groundwater Monitoring
Bird Machine Company

	MW-710M	MW-710M	MW-710M	MW-710M	MW-710M	MW-710S	MW-710S	MW-710S	MW-710S	MW-710S	MW-711D	MW-711D	MW-711D	MW-711D	MW-711D
Sample Date	6/21/2012	9/26/2012	11/28/2012	2/28/2013	5/30/2013	6/21/2012	9/26/2012	11/28/2012	2/28/2013	5/30/2013	6/20/2012	9/27/2012	11/29/2012	2/26/2013	6/3/2013
Depth (ft)	23-33	23-33	23-33	23-33	23-33	11-16	11-16	11-16	11-16	11-16	23.5-33.5	23.5-33.5	23.5-33.5	23.5-33.5	23.5-33.5
DO (ppm) x 5	1.25	1.9	4.65	13.65	0.9	1.85	4.75	2.35	2.3	1.1	0.35	0.85	0.8	12.15	1.55
ORP (mV) / 10	-38.82	-16.1	9.8	15.4	8.9	-37.92	-12.7	9.4	19.4	7.4	-14.6	-12.23	-9.46	-26.76	2.72
CHLORIDE (mg/l) / 5	0.2	5.4	3.4	3.22	4.34	0.2	32	34	30.4	29.6	3	8	7	9.52	7.82
NITRATE (AS N) (mg/l)	0	0.08	0.06	0.165	0.086	0	ND	ND	ND	ND	0	ND	ND	ND	ND
SULFATE (mg/l)	1	11	7.6	7.45	9.36	8	6.3	6.8	7.31	6.26	17	19	17	18.9	16.7
Ferrous Iron (mg/l)	0	0	0	0	0	0.7	0	0	0	0	0	1	1.2	1.5	0.6

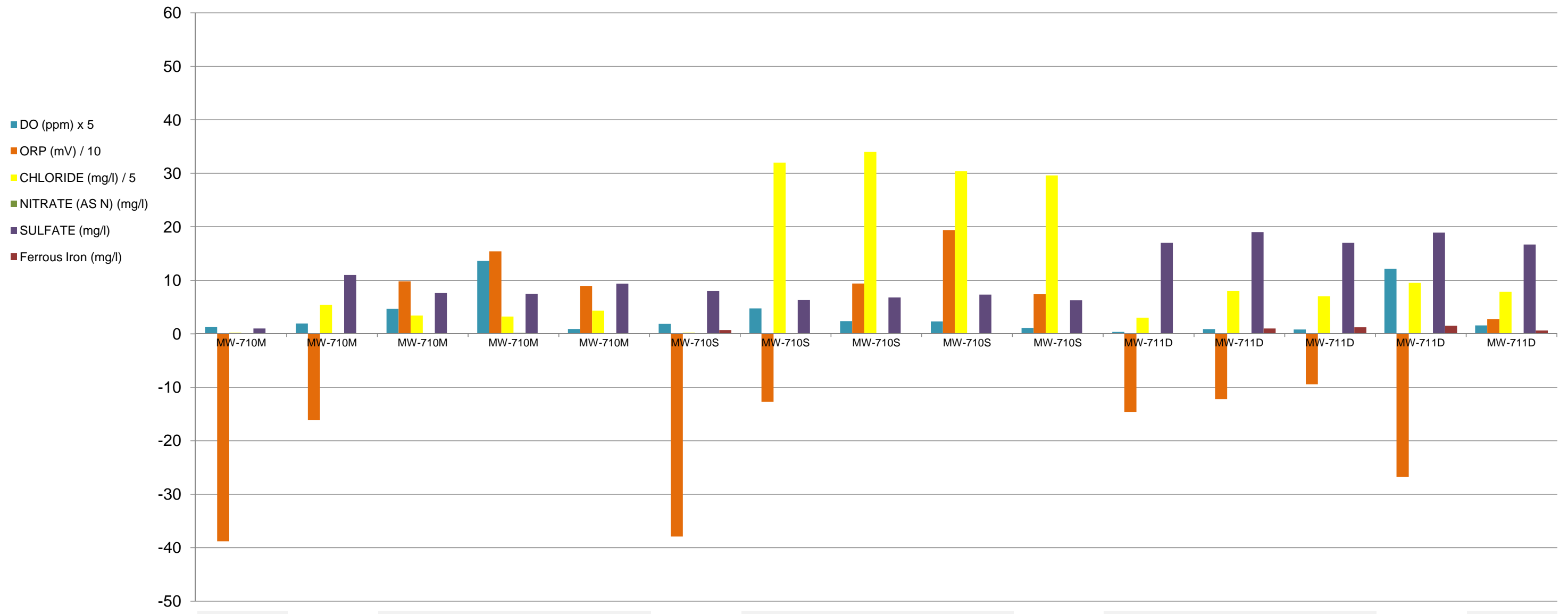


Table 2. Geochemistry results for 2012-2013 Groundwater Monitoring
Bird Machine Company

	MW-711S	MW-711S	MW-711S	MW-711S	MW-711S	MW-712S	MW-712S	MW-712S	MW-712S	MW-712S	MW-713D	MW-713D	MW-713D	MW-713D	MW-713D
Sample Date	6/20/2012	9/27/2012	11/29/2012	2/26/2013	6/3/2013	6/19/2012	9/26/2012	11/28/2012	2/27/2013	6/3/2013	6/20/2012	9/27/2012	11/29/2012	3/1/2013	6/3/2013
Depth (ft)	7-17	7-17	7-17	7-17	7-17	5-15	5-15	5-15	5-15	5-15	22-32	22-32	22-32	22-32	22-32
DO (ppm) x 5	0.5	0.5	0.95	0.95	1.5	1.75	1.5	7.55	12	7.3	0.35	3.55	0.85	1.45	1.1
ORP (mV) / 10	-6.5	-8.71	-10.08	-25.85	-5.39	-2.9	-5.69	-7.23	-21.12	3.26	-1.02	-1.2	-10.19	-23.92	3.5
CHLORIDE (mg/l) / 5	0.2	0.5	0.3	0.606	0.524	0	0.124	0.86	0.58	0.546	1	8.2	8	8	7
NITRATE (AS N) (mg/l)	0	ND	ND	ND	ND	0	0.49	0.54	0.156	0.26	0	0.08	0.16	0.095	0.057
SULFATE (mg/l)	8	6.4	7.5	6.66	5.93	5	2.7	8.6	7.61	5.45	7	18	18	17.5	16.7
Ferrous Iron (mg/l)	4	1	2	2.1	1.6	3	1	1	0.5	1.4	0	0	0	0	0

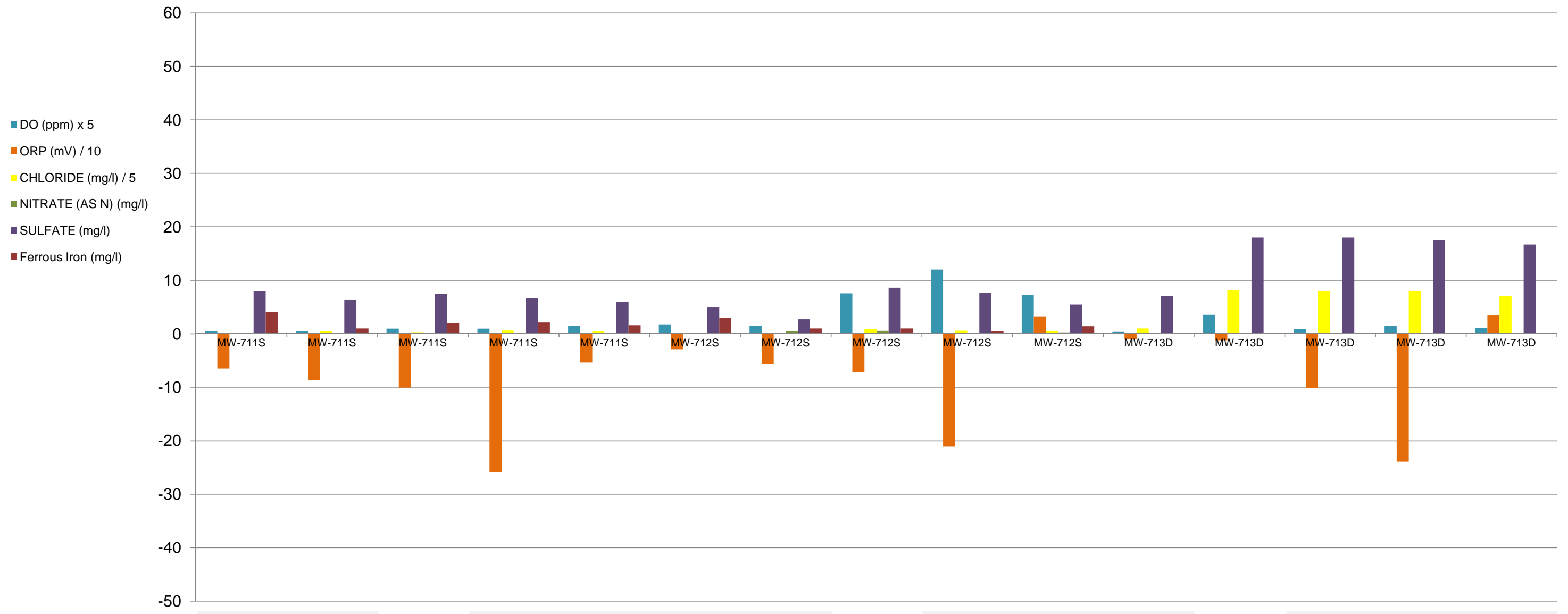


Table 2. Geochemistry results for 2012-2013 Groundwater Monitoring
Bird Machine Company

	MW-713S	MW-713S	MW-713S	MW-713S	MW-713S	MW-714D	MW-714D	MW-714D	MW-714D	MW-714D	MW-714S	MW-714S	MW-714S	MW-714S	MW-714S
Sample Date	6/19/2012	9/27/2012	11/29/2012	3/1/2013	6/3/2013	6/19/2012	9/26/2012	11/28/2012	2/27/2013	5/30/2013	6/18/2012	9/26/2012	11/28/2012	2/27/2013	6/3/2013
Depth (ft)	7-17	7-17	7-17	7-17	7-17	15-20	15-20	15-20	15-20	15-20	5-10	5-10	5-10	5-10	5-10
DO (ppm) x 5	0.75	2.1	0.8	1.2	0.95	0.5	1.1	3.25	5.45	1.1	0.85	0.7	1.45	6.7	2.05
ORP (mV) / 10	-1.61	2.6	-9.36	-25.83	1.8	-4.9	-13.18	-7.69	-21.86	2.8	-8.5	-11.98	-8.39	-216.5	-6.5
CHLORIDE (mg/l) / 5	0	19	18.8	22.6	22.2	0	1.14	2	3.34	4.02	3	0.5	1.2	2.08	1.622
NITRATE (AS N) (mg/l)	0	ND	ND	ND	ND	0	ND	ND	ND	ND	0	ND	0.07	0.081	ND
SULFATE (mg/l)	13	19	13	12.9	12.1	7	4.3	5.3	6.49	5.36	5	2.6	6	5.45	3.51
Ferrous Iron (mg/l)	3	1.8	0	0	0	0	0	0	0	0	2.6	1	1.5	1	0

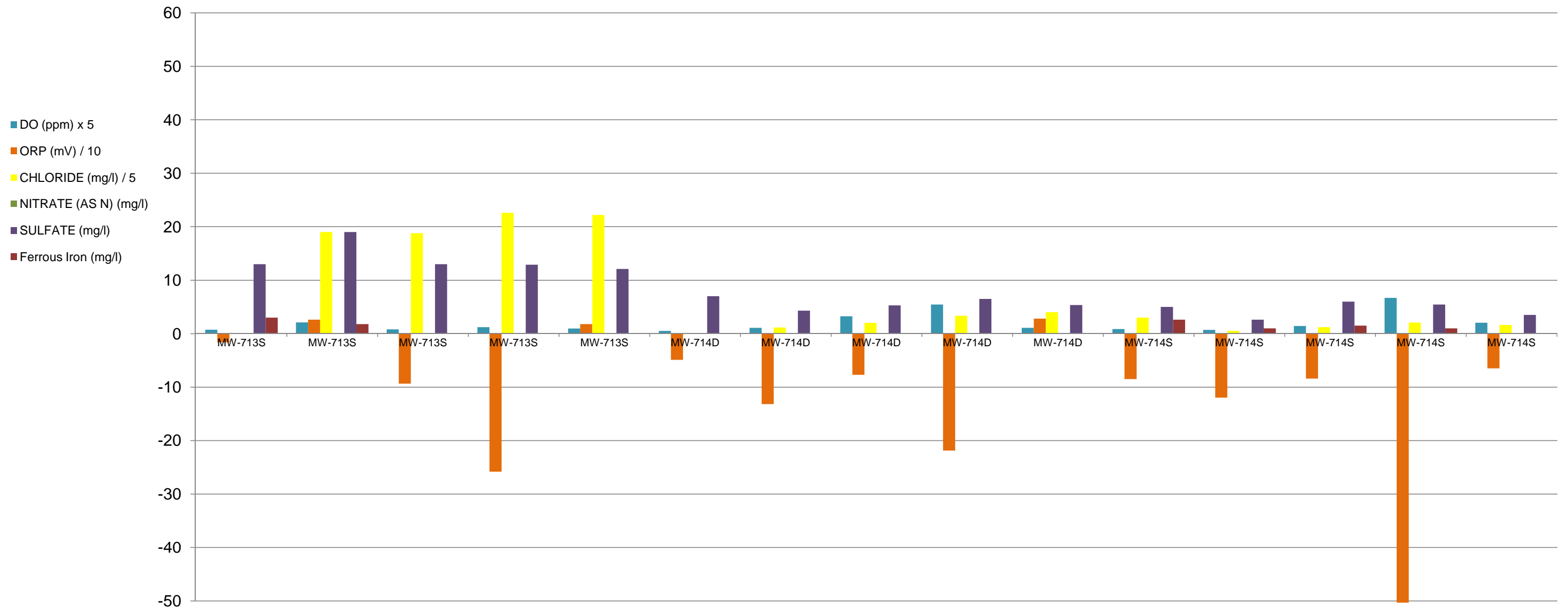


Table 2. Geochemistry results for 2012-2013 Groundwater Monitoring
Bird Machine Company

	MW-715D	MW-715D	MW-715D	MW-715D	MW-715S	MW-715S	MW-715S	MW-715S	MW-715S	MW-715S	MW601	NP-MW-601	NP-MW-601	NP-MW-601	NP-MW-601	NP-MW-601
Sample Date	10/1/2012	12/3/2012	2/26/2013	6/4/2013	6/22/2012	10/1/2012	12/3/2012	2/26/2013	6/4/2013	4/25/2012	6/26/2012	10/1/2012	11/28/2012	2/28/2013	5/30/2013	
Depth (ft)	17-27	17-27	17-27	17-27	4-14	4-14	4-14	4-14	4-14	21-21	16-26	16-26	16-26	16-26	16-26	16-26
DO (ppm) x 5	2.4	6.35	9.05	7.4	0.5	1.5	1.45	1.6	7.05	10.45	1.85	0.7	1.35	1.5	1.85	
ORP (mV) / 10	-7.6	-7.01	11.5	11	0.49	-6.6	-10.12	8.3	5.24	8.99	-1.64	3.73	-7.42	-25.67	1.39	
CHLORIDE (mg/l) / 5	9.6	10.2	11.42	9.88	2	14	17.2	14.4	14.02	0	2	1.8	2.2	2.12	1.878	
NITRATE (AS N) (mg/l)	0.45	1.2	1.37	1.83	0	ND	ND	ND	ND		0	0.54	0.57	0.643	0.714	
SULFATE (mg/l)	12	16	14.2	13.4	14	10	13	12.2	11.2		7	ND	9.8	9.18	8.15	
Ferrous Iron (mg/l)	0	0	0	0	2	0	0	0	0		0	1	0.5	0	0	

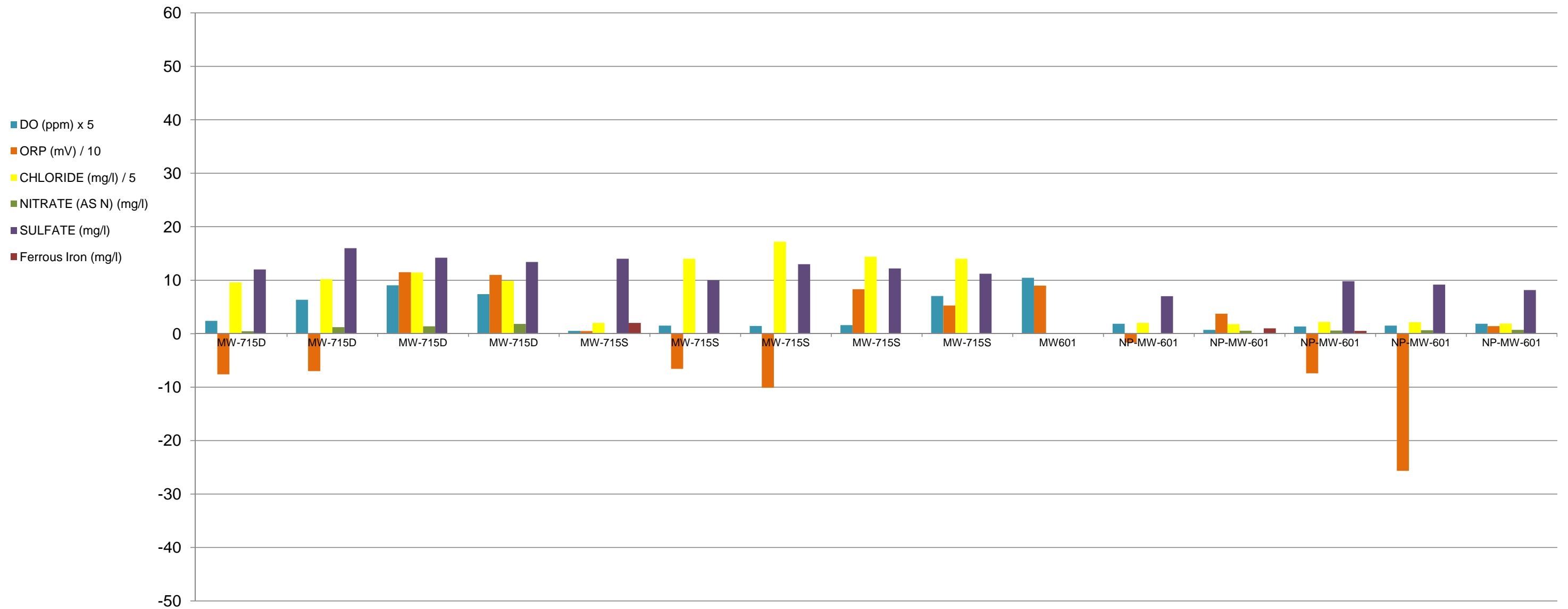


Table 2. Geochemistry results for 2012-2013 Groundwater Monitoring
Bird Machine Company

	NP-MW-602	NP-MW-602	NP-MW-602	NP-MW-602	NP-MW-602	NP-MW-603	NP-MW-603	NP-MW-603	NP-MW-603	NP-MW-603
Sample Date	6/26/2012	9/27/2012	11/27/2012	3/1/2013	5/30/2013	6/27/2012	9/27/2012	11/27/2012	3/5/2013	5/31/2013
Depth (ft)	5-15	5-15	5-15	5-15	5-15	17-21	17-21	17-21	17-21	17-21
DO (ppm) x 5	23.75	17.6	16.25	53.75	36.5	18.05	4.45	17.5	15.65	32.4
ORP (mV) / 10	10.6	3.25	-8.11	-11.5	8.2	6.1	-4.67	-3.23	-9.86	3.04
CHLORIDE (mg/l) / 5	1	1	1	0.728	0.668	2	0.32	1.02	1.296	1.13
NITRATE (AS N) (mg/l)	0	1.1	1.2	0.469	0.712	0	0.27	0.18	0.314	0.278
SULFATE (mg/l)	1	14	12	10.3	22.3	0	8.2	11	11.8	12
Ferrous Iron (mg/l)	1		0	0	0	0	1	0	0	0

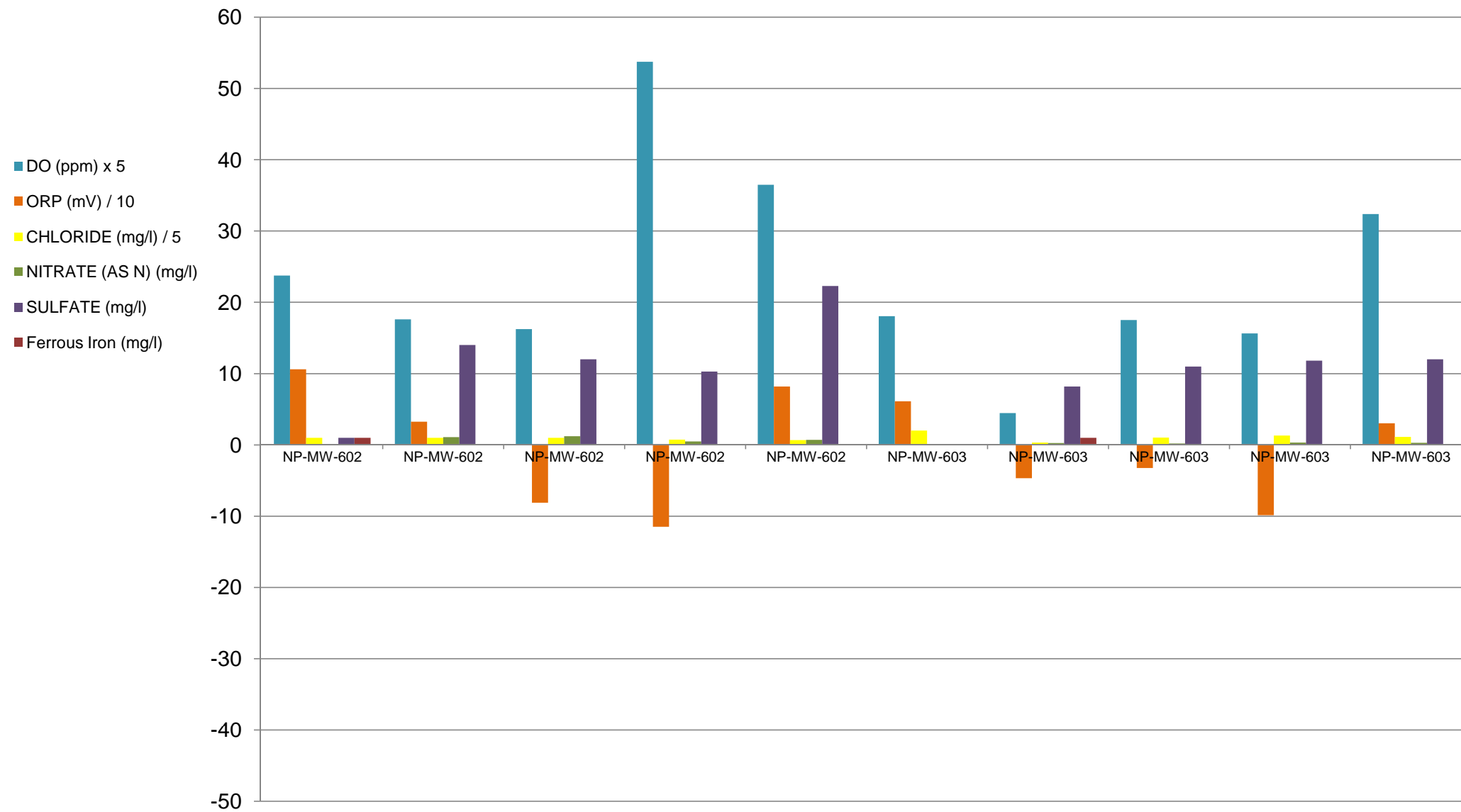


Table 3. COC Detections for 2012-2013 Groundwater Monitoring
Bird Machine Company

Location:		LR-MW-121	LR-MW-121	LR-MW-121	LR-MW-121	LR-MW-121	LR-MW-121	LR-MW-121	LR-MW-121
Sample Date:		6/21/2012 12:50	9/25/2012 10:20	9/25/2012 10:20	11/27/2012 9:15	11/27/2012 9:15	2/27/2013 10:20	2/27/2013 10:20	5/29/2013 10:10
Lab Sample ID:		L1211183-05	L1217164-04	L1217164-05	L1221369-04	L1221369-05	L1303324-06	L1303324-07	L1309657-01
Sample Type:		N	N	FD	N	FD	N	FD	N
Analyte	GW-1	Units							
ARSENIC	10	ug/l		ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHENE	7	ug/l	ND						
1,2,3-TRICHLOROBENZENE	NA	ug/l	ND						
1,2,4-TRICHLOROBENZENE	70	ug/l	ND						
1,2-DICHLOROBENZENE	600	ug/l	ND						
1,2-DICHLOROETHANE	5	ug/l	ND						
1,3-DICHLOROBENZENE	40	ug/l	ND						
1,4-DICHLOROBENZENE	5	ug/l	ND						
ACETONE	6300	ug/l	ND						
CHLOROBENZENE	100	ug/l	ND						
CIS-1,2-DICHLOROETHENE	70	ug/l	ND						
NAPHTHALENE	140	ug/l	ND						
p-ISOPROPYLTOLUENE	NA	ug/l	ND						
TETRACHLOROETHENE	5	ug/l	ND						
TRANS-1,2-DICHLOROETHENE	100	ug/l	ND						
TRICHLOROETHENE	5	ug/l	ND						
VINYL CHLORIDE	2	ug/l	ND						
ETHANE	NA	ug/l							
ETHYLENE	NA	ug/l							
METHANE	NA	ug/l							

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Table 3. COC Detections for 2012-2013 Groundwater Monitoring
Bird Machine Company

Location:			LR-MW-121	LR-MW-122	LR-MW-122	LR-MW-122	LR-MW-122	LR-MW-122	LR-MW-122	LR-MW-124
Sample Date:			5/29/2013 10:10	5/4/2012 8:15	6/22/2012 8:00	9/25/2012 9:10	11/27/2012 8:30	2/27/2013 14:10	5/29/2013 10:25	6/21/2012 15:50
Lab Sample ID:			L1309657-02	L1208272-01	L1211183-10	L1217164-03	L1221369-03	L1303324-10	L1309657-04	L1211183-09
Sample Type:			FD	N	N	N	N	N	N	N
Analyte	GW-1	Units								
ARSENIC	10	ug/l	ND	5		10.4	12	1.4	11.6	
1,1-DICHLOROETHENE	7	ug/l			ND					ND
1,2,3-TRICHLOROBENZENE	NA	ug/l			ND					ND
1,2,4-TRICHLOROBENZENE	70	ug/l			ND					ND
1,2-DICHLOROBENZENE	600	ug/l			ND					ND
1,2-DICHLOROETHANE	5	ug/l			ND					ND
1,3-DICHLOROBENZENE	40	ug/l			ND					ND
1,4-DICHLOROBENZENE	5	ug/l			ND					ND
ACETONE	6300	ug/l			ND					ND
CHLOROBENZENE	100	ug/l			ND					ND
CIS-1,2-DICHLOROETHENE	70	ug/l			ND					ND
NAPHTHALENE	140	ug/l			ND					ND
p-ISOPROPYLTOLUENE	NA	ug/l			ND					ND
TETRACHLOROETHENE	5	ug/l			ND					ND
TRANS-1,2-DICHLOROETHENE	100	ug/l			ND					ND
TRICHLOROETHENE	5	ug/l			ND					ND
VINYL CHLORIDE	2	ug/l			ND					1.1
ETHANE	NA	ug/l								
ETHYLENE	NA	ug/l								
METHANE	NA	ug/l								

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Table 3. COC Detections for 2012-2013 Groundwater Monitoring
Bird Machine Company

Location:			LR-MW-124	LR-MW-124	LR-MW-124	LR-MW-124	LR-MW-129	LR-MW-129	LR-MW-129	LR-MW-129
Sample Date:			9/25/2012 12:15	11/27/2012 13:40	2/27/2013 13:05	5/29/2013 11:15	6/25/2012 14:05	9/25/2012 11:20	11/27/2012 14:30	2/27/2013 14:00
Lab Sample ID:			L1217164-07	L1221369-07	L1303324-08	L1309657-05	L1211356-01	L1217164-06	L1221369-08	L1303324-09
Sample Type:			N	N	N	N	N	N	N	N
Analyte	GW-1	Units								
ARSENIC	10	ug/l								
1,1-DICHLOROETHENE	7	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROBENZENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRICHLOROBENZENE	70	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROBENZENE	600	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	40	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
ACETONE	6300	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CIS-1,2-DICHLOROETHENE	70	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
NAPHTHALENE	140	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
p-ISOPROPYLTOLUENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TETRACHLOROETHENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TRANS-1,2-DICHLOROETHENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
VINYL CHLORIDE	2	ug/l	ND	1.2	ND	ND	ND	ND	ND	ND
ETHANE	NA	ug/l								
ETHYLENE	NA	ug/l								
METHANE	NA	ug/l								

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Table 3. COC Detections for 2012-2013 Groundwater Monitoring
Bird Machine Company

Location:			LR-MW-129	MB-MW-360	MB-MW-360	MB-MW-360	MB-MW-360	MB-MW-360	MB-MW-361	MB-MW-361
Sample Date:			5/29/2013 12:25	6/22/2012 13:25	10/1/2012 10:30	12/3/2012 9:55	2/26/2013 14:25	6/4/2013 13:25	6/22/2012 11:20	10/1/2012 9:25
Lab Sample ID:			L1309657-11	L1211183-14	L1217558-03	L1221753-01	L1303244-07	L1310057-06	L1211183-12	L1217558-01
Sample Type:			N	N	N	N	N	N	N	N
Analyte	GW-1	Units								
ARSENIC	10	ug/l								
1,1-DICHLOROETHENE	7	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROBENZENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRICHLOROBENZENE	70	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROBENZENE	600	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	40	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
ACETONE	6300	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CIS-1,2-DICHLOROETHENE	70	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
NAPHTHALENE	140	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
p-ISOPROPYLTOLUENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TETRACHLOROETHENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TRANS-1,2-DICHLOROETHENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
VINYL CHLORIDE	2	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
ETHANE	NA	ug/l								
ETHYLENE	NA	ug/l								
METHANE	NA	ug/l								

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Table 3. COC Detections for 2012-2013 Groundwater Monitoring
Bird Machine Company

Location:			MB-MW-361	MB-MW-361	MB-MW-361	MB-MW-362	MB-MW-362	MB-MW-362	MB-MW-362	MB-MW-362
Sample Date:			11/30/2012 9:00	3/4/2013 12:30	6/4/2013 13:10	6/21/2012 11:15	9/27/2012 11:35	11/29/2012 14:05	3/5/2013 8:05	5/30/2013 14:15
Lab Sample ID:			L1221612-01	L1303582-02	L1310057-05	L1211183-04	L1217381-06	L1221547-04	L1303637-01	L1309729-10
Sample Type:			N	N	N	N	N	N	N	N
Analyte	GW-1	Units								
ARSENIC	10	ug/l								
1,1-DICHLOROETHENE	7	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROBENZENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRICHLOROBENZENE	70	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROBENZENE	600	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	40	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
ACETONE	6300	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CIS-1,2-DICHLOROETHENE	70	ug/l	ND	ND	ND	13	10	6	8.3	9.1
NAPHTHALENE	140	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
p-ISOPROPYLTOLUENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TETRACHLOROETHENE	5	ug/l	ND	ND	ND	51	34	17	20	24
TRANS-1,2-DICHLOROETHENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	5	ug/l	ND	ND	ND	22	18	8.8	14	16
VINYL CHLORIDE	2	ug/l	ND	ND	ND	4.2	3.1	1	1.5	2.5
ETHANE	NA	ug/l					4.91	2.48	2.63	3.12
ETHYLENE	NA	ug/l					ND	ND	ND	ND
METHANE	NA	ug/l					268	171	179	224

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Table 3. COC Detections for 2012-2013 Groundwater Monitoring
Bird Machine Company

Location:			MB-MW-363	MB-MW-363	MB-MW-363	MB-MW-363	MB-MW-363	MB-MW-363	MB-MW-371	MB-MW-371
Sample Date:			6/21/2012 9:55	6/21/2012 9:55	9/27/2012 13:30	11/29/2012 13:15	3/1/2013 13:10	5/31/2013 12:15	7/3/2012 9:00	9/28/2012 10:36
Lab Sample ID:			L1211183-01	L1211183-02	L1217381-08	L1221547-03	L1303507-03	L1309824-09	L1211816-01	L1217499-02
Sample Type:			N	FD	N	N	N	N	N	N
Analyte	GW-1	Units								
ARSENIC	10	ug/l							ND	0.7
1,1-DICHLOROETHENE	7	ug/l	ND	ND	ND	ND	ND	ND		
1,2,3-TRICHLOROBENZENE	NA	ug/l	ND	ND	ND	ND	ND	ND		
1,2,4-TRICHLOROBENZENE	70	ug/l	ND	ND	ND	ND	ND	ND		
1,2-DICHLOROBENZENE	600	ug/l	ND	ND	ND	ND	ND	ND		
1,2-DICHLOROETHANE	5	ug/l	ND	ND	ND	ND	ND	ND		
1,3-DICHLOROBENZENE	40	ug/l	ND	ND	ND	ND	ND	ND		
1,4-DICHLOROBENZENE	5	ug/l	ND	ND	ND	ND	ND	ND		
ACETONE	6300	ug/l	ND	ND	ND	ND	ND	ND		
CHLOROBENZENE	100	ug/l	ND	ND	ND	ND	ND	ND		
CIS-1,2-DICHLOROETHENE	70	ug/l	ND	ND	ND	ND	7.6	ND		
NAPHTHALENE	140	ug/l	ND	ND	ND	ND	ND	ND		
p-ISOPROPYLTOLUENE	NA	ug/l	ND	ND	ND	ND	ND	ND		
TETRACHLOROETHENE	5	ug/l	ND	ND	ND	ND	21	ND		
TRANS-1,2-DICHLOROETHENE	100	ug/l	ND	ND	ND	ND	ND	ND		
TRICHLOROETHENE	5	ug/l	ND	ND	ND	ND	14	ND		
VINYL CHLORIDE	2	ug/l	ND	ND	ND	ND	1.4	ND		
ETHANE	NA	ug/l								
ETHYLENE	NA	ug/l								
METHANE	NA	ug/l								

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Table 3. COC Detections for 2012-2013 Groundwater Monitoring
Bird Machine Company

Location:			MB-MW-371	MB-MW-371	MB-MW-371	MB-MW-374	MB-MW-374	MB-MW-374	MB-MW-374	MB-MW-374
Sample Date:			11/27/2012 11:10	2/27/2013 9:25	5/29/2013 9:25	6/19/2012 12:35	9/26/2012 13:15	11/28/2012 13:10	2/27/2013 13:00	6/3/2013 10:40
Lab Sample ID:			L1221369-06	L1303324-05	L1309657-03	L1211003-03	L1217259-07	L1221448-09	L1303324-03	L1309965-04
Sample Type:			N	N	N	N	N	N	N	N
Analyte	GW-1	Units								
ARSENIC	10	ug/l	0.6	0.5	0.9					
1,1-DICHLOROETHENE	7	ug/l				ND	ND	1.2	ND	ND
1,2,3-TRICHLOROBENZENE	NA	ug/l				ND	ND	ND	ND	ND
1,2,4-TRICHLOROBENZENE	70	ug/l				ND	ND	ND	ND	ND
1,2-DICHLOROBENZENE	600	ug/l				ND	ND	ND	ND	ND
1,2-DICHLOROETHANE	5	ug/l				ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	40	ug/l				ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE	5	ug/l				ND	ND	ND	ND	ND
ACETONE	6300	ug/l				ND	ND	ND	ND	ND
CHLOROBENZENE	100	ug/l				ND	ND	ND	ND	ND
CIS-1,2-DICHLOROETHENE	70	ug/l				3	17	42	21	9.4
NAPHTHALENE	140	ug/l				ND	ND	ND	ND	ND
p-ISOPROPYLTOLUENE	NA	ug/l				ND	ND	ND	ND	ND
TETRACHLOROETHENE	5	ug/l				23	42	63	64	44
TRANS-1,2-DICHLOROETHENE	100	ug/l				ND	ND	2.4	1.2	ND
TRICHLOROETHENE	5	ug/l				6	12	16	16	12
VINYL CHLORIDE	2	ug/l				1.4	4.1	10	4.3	2.5
ETHANE	NA	ug/l					1.02	1.29	16.2	1.4
ETHYLENE	NA	ug/l					ND	0.563	ND	ND
METHANE	NA	ug/l					627	686	244	1060

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Table 3. COC Detections for 2012-2013 Groundwater Monitoring
Bird Machine Company

Location:			MW-700S	MW-700S	MW-700S	MW-700S	MW-700S	MW-701S	MW-701S	MW-701S
Sample Date:			6/21/2012 15:50	9/25/2012 15:25	11/27/2012 8:10	3/5/2013 9:40	5/29/2013 14:00	6/26/2012 11:35	10/1/2012 13:00	11/27/2012 8:50
Lab Sample ID:			L1211183-08	L1217164-09	L1221369-09	L1303637-06	L1309657-08	L1211356-12	L1217558-07	L1221369-10
Sample Type:			N	N	N	N	N	N	N	N
Analyte	GW-1	Units								
ARSENIC	10	ug/l								
1,1-DICHLOROETHENE	7	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROBENZENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRICHLOROBENZENE	70	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROBENZENE	600	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	40	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
ACETONE	6300	ug/l	22	10	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CIS-1,2-DICHLOROETHENE	70	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
NAPHTHALENE	140	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
p-ISOPROPYLTOLUENE	NA	ug/l	ND	13	5.9	ND	ND	ND	ND	ND
TETRACHLOROETHENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TRANS-1,2-DICHLOROETHENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
VINYL CHLORIDE	2	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
ETHANE	NA	ug/l								
ETHYLENE	NA	ug/l								
METHANE	NA	ug/l								

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Table 3. COC Detections for 2012-2013 Groundwater Monitoring
Bird Machine Company

Location:			MW-701S	MW-701S	MW-702B	MW-702B	MW-702B	MW-702B	MW-702B	MW-702D
Sample Date:			3/5/2013 9:25	5/30/2013 8:10	6/26/2012 10:15	9/28/2012 10:45	11/27/2012 13:30	2/28/2013 11:00	5/30/2013 9:35	6/26/2012 9:05
Lab Sample ID:			L1303637-05	L1309729-01	L1211356-07	L1217499-03	L1221369-15	L1303408-07	L1309729-02	L1211356-06
Sample Type:			N	N	N	N	N	N	N	N
Analyte	GW-1	Units								
ARSENIC	10	ug/l								
1,1-DICHLOROETHENE	7	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROBENZENE	NA	ug/l	ND	ND	13	16	16	17	12	ND
1,2,4-TRICHLOROBENZENE	70	ug/l	ND	ND	61	58	63	72	38	ND
1,2-DICHLOROBENZENE	600	ug/l	ND	ND	2.7	2.9	3	3.5	1.8	ND
1,2-DICHLOROETHANE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	40	ug/l	ND	ND	2.2	ND	2.2	2.4	1.6	ND
1,4-DICHLOROBENZENE	5	ug/l	ND	ND	5.9	5.5	6.1	7	4.2	ND
ACETONE	6300	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	100	ug/l	ND	ND	2	ND	1.9	2.3	1.3	ND
CIS-1,2-DICHLOROETHENE	70	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
NAPHTHALENE	140	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
p-ISOPROPYLTOLUENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TETRACHLOROETHENE	5	ug/l	ND	ND	ND	ND	ND	1.3	ND	ND
TRANS-1,2-DICHLOROETHENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	5	ug/l	ND	ND	1.5	ND	1.3	1.5	1.7	1.3
VINYL CHLORIDE	2	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
ETHANE	NA	ug/l								
ETHYLENE	NA	ug/l								
METHANE	NA	ug/l								

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Table 3. COC Detections for 2012-2013 Groundwater Monitoring
Bird Machine Company

Location:			MW-702D	MW-702D	MW-702D	MW-702D	MW-702S	MW-702S	MW-702S	MW-702S
Sample Date:			9/28/2012 9:10	11/27/2012 11:25	2/28/2013 14:00	5/29/2013 12:55	6/25/2012 16:10	9/28/2012 12:20	11/27/2012 14:25	2/28/2013 12:50
Lab Sample ID:			L1217499-01	L1221369-14	L1303408-10	L1309657-10	L1211356-02	L1217499-04	L1221369-16	L1303408-08
Sample Type:			N	N	N	N	N	N	N	N
Analyte	GW-1	Units								
ARSENIC	10	ug/l								
1,1-DICHLOROETHENE	7	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROBENZENE	NA	ug/l	ND	ND	2.5	2.6	ND	ND	ND	ND
1,2,4-TRICHLOROBENZENE	70	ug/l	ND	ND	ND	2	ND	ND	ND	ND
1,2-DICHLOROBENZENE	600	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	40	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
ACETONE	6300	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CIS-1,2-DICHLOROETHENE	70	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
NAPHTHALENE	140	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
p-ISOPROPYLTOLUENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TETRACHLOROETHENE	5	ug/l	ND	4.9	ND	ND	ND	ND	ND	1.4
TRANS-1,2-DICHLOROETHENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	5	ug/l	1.7	1.9	1.2	1.4	ND	ND	ND	ND
VINYL CHLORIDE	2	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
ETHANE	NA	ug/l								
ETHYLENE	NA	ug/l								
METHANE	NA	ug/l								

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Table 3. COC Detections for 2012-2013 Groundwater Monitoring
Bird Machine Company

Location:			MW-702S	MW-703S	MW-703S	MW-703S	MW-703S	MW-703S	MW-704D	MW-704D
Sample Date:			5/29/2013 13:55	6/27/2012 8:30	9/25/2012 8:00	11/27/2012 8:00	3/5/2013 8:15	6/5/2013 8:45	6/22/2012 10:25	9/28/2012 13:07
Lab Sample ID:			L1309657-09	L1211509-01	L1217164-01	L1221369-01	L1303637-02	L1310183-02	L1211183-11	L1217499-05
Sample Type:			N	N	N	N	N	N	N	N
Analyte	GW-1	Units								
ARSENIC	10	ug/l		1.7	2.2	1.4	0.6	0.8		
1,1-DICHLOROETHENE	7	ug/l	ND	ND					ND	ND
1,2,3-TRICHLOROBENZENE	NA	ug/l	ND	ND					ND	ND
1,2,4-TRICHLOROBENZENE	70	ug/l	ND	ND					ND	ND
1,2-DICHLOROBENZENE	600	ug/l	ND	ND					ND	ND
1,2-DICHLOROETHANE	5	ug/l	ND	ND					ND	ND
1,3-DICHLOROBENZENE	40	ug/l	ND	ND					ND	ND
1,4-DICHLOROBENZENE	5	ug/l	ND	ND					ND	ND
ACETONE	6300	ug/l	ND	ND					ND	ND
CHLOROBENZENE	100	ug/l	ND	ND					ND	ND
CIS-1,2-DICHLOROETHENE	70	ug/l	ND	ND					ND	ND
NAPHTHALENE	140	ug/l	ND	ND					ND	ND
p-ISOPROPYLTOLUENE	NA	ug/l	ND	ND					ND	ND
TETRACHLOROETHENE	5	ug/l	ND	ND					2.3	1.8
TRANS-1,2-DICHLOROETHENE	100	ug/l	ND	ND					ND	ND
TRICHLOROETHENE	5	ug/l	ND	ND					1.2	ND
VINYL CHLORIDE	2	ug/l	ND	ND					ND	ND
ETHANE	NA	ug/l								0.541
ETHYLENE	NA	ug/l								ND
METHANE	NA	ug/l								27

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Table 3. COC Detections for 2012-2013 Groundwater Monitoring
Bird Machine Company

Location:			MW-704D	MW-704D	MW-704D	MW-704S	MW-704S	MW-704S	MW-704S	MW-704S
Sample Date:			11/30/2012 10:30	3/4/2013 11:10	6/4/2013 10:40	6/22/2012 11:35	9/28/2012 13:18	11/30/2012 10:45	3/5/2013 8:40	6/5/2013 8:10
Lab Sample ID:			L1221612-02	L1303582-01	L1310057-02	L1211183-15	L1217499-06	L1221612-03	L1303637-03	L1310183-01
Sample Type:			N	N	N	N	N	N	N	N
Analyte	GW-1	Units								
ARSENIC	10	ug/l								
1,1-DICHLOROETHENE	7	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROBENZENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRICHLOROBENZENE	70	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROBENZENE	600	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	40	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
ACETONE	6300	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CIS-1,2-DICHLOROETHENE	70	ug/l	ND	ND	ND	1.6	1.4	1.2	1.3	1.3
NAPHTHALENE	140	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
p-ISOPROPYLTOLUENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TETRACHLOROETHENE	5	ug/l	1	1.2	1.4	7.8	8.4	8	8.6	8.2
TRANS-1,2-DICHLOROETHENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	5	ug/l	ND	ND	ND	4.9	4.5	3.9	4.3	3.7
VINYL CHLORIDE	2	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
ETHANE	NA	ug/l		ND	ND			ND		
ETHYLENE	NA	ug/l		ND	ND			ND		
METHANE	NA	ug/l		11.9	13			80.1		

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Table 3. COC Detections for 2012-2013 Groundwater Monitoring
Bird Machine Company

Location:			MW-705S	MW-705S	MW-705S	MW-705S	MW-705S	MW-705S	MW-706S	MW-706S
Sample Date:			6/26/2012 14:45	6/26/2012 14:45	12/3/2012 11:00	9/27/2012 14:30	3/4/2013 10:15	6/4/2013 9:30	6/27/2012 9:15	9/25/2012 8:35
Lab Sample ID:			L1211356-10	L1211356-11	L1221753-02	L1217381-11	L1303582-04	L1310057-01	L1211509-02	L1217164-02
Sample Type:			N	FD	N	N	N	N	N	N
Analyte	GW-1	Units								
ARSENIC	10	ug/l	2.3	1.8	ND	ND	ND	ND	18	86.6
1,1-DICHLOROETHENE	7	ug/l	ND	ND					ND	
1,2,3-TRICHLOROBENZENE	NA	ug/l	ND	ND					ND	
1,2,4-TRICHLOROBENZENE	70	ug/l	ND	ND					ND	
1,2-DICHLOROBENZENE	600	ug/l	ND	ND					ND	
1,2-DICHLOROETHANE	5	ug/l	ND	ND					ND	
1,3-DICHLOROBENZENE	40	ug/l	ND	ND					ND	
1,4-DICHLOROBENZENE	5	ug/l	ND	ND					ND	
ACETONE	6300	ug/l	ND	ND					ND	
CHLOROBENZENE	100	ug/l	ND	ND					ND	
CIS-1,2-DICHLOROETHENE	70	ug/l	ND	ND					ND	
NAPHTHALENE	140	ug/l	ND	ND					ND	
p-ISOPROPYLTOLUENE	NA	ug/l	ND	ND					ND	
TETRACHLOROETHENE	5	ug/l	ND	ND					ND	
TRANS-1,2-DICHLOROETHENE	100	ug/l	ND	ND					ND	
TRICHLOROETHENE	5	ug/l	ND	ND					ND	
VINYL CHLORIDE	2	ug/l	ND	ND					ND	
ETHANE	NA	ug/l								
ETHYLENE	NA	ug/l								
METHANE	NA	ug/l								

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Table 3. COC Detections for 2012-2013 Groundwater Monitoring
Bird Machine Company

Location:		MW-706S	MW-706S	MW-706S	MW-707D	MW-707D	MW-707D	MW-707D	MW-707D
Sample Date:		11/27/2012 8:15	3/5/2013 9:10	5/31/2013 7:55	6/20/2012 15:35	10/1/2012 12:50	11/30/2012 8:50	3/4/2013 11:20	5/31/2013 9:45
Lab Sample ID:		L1221369-02	L1303637-04	L1309824-02	L1211003-13	L1217558-06	L1221612-04	L1303582-03	L1309824-03
Sample Type:		N	N	N	N	N	N	N	N
Analyte	GW-1	Units							
Dis									
ARSENIC	10	ug/l	20	13.9	21.2				
Vol									
1,1-DICHLOROETHENE	7	ug/l				ND	ND	ND	ND
1,2,3-TRICHLOROBENZENE	NA	ug/l				ND	ND	ND	ND
1,2,4-TRICHLOROBENZENE	70	ug/l				ND	ND	ND	ND
1,2-DICHLOROBENZENE	600	ug/l				ND	ND	ND	ND
1,2-DICHLOROETHANE	5	ug/l				ND	ND	ND	1.2
1,3-DICHLOROBENZENE	40	ug/l				ND	ND	ND	ND
1,4-DICHLOROBENZENE	5	ug/l				ND	ND	ND	1.1
ACETONE	6300	ug/l				ND	ND	ND	ND
CHLOROBENZENE	100	ug/l				1.8	2.4	2.7	3.5
CIS-1,2-DICHLOROETHENE	70	ug/l				1.2	1.9	1.7	2.2
NAPHTHALENE	140	ug/l				ND	ND	ND	ND
p-ISOPROPYLTOLUENE	NA	ug/l				ND	ND	ND	ND
TETRACHLOROETHENE	5	ug/l				2.9	4.1	5.6	7.1
TRANS-1,2-DICHLOROETHENE	100	ug/l				ND	ND	ND	ND
TRICHLOROETHENE	5	ug/l				1.9	3.3	3.1	4.2
VINYL CHLORIDE	2	ug/l				1	1.4	1.8	1.9
Dis									
ETHANE	NA	ug/l							
ETHYLENE	NA	ug/l							
METHANE	NA	ug/l							

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Table 3. COC Detections for 2012-2013 Groundwater Monitoring
Bird Machine Company

Location:		MW-707D	MW-708B	MW-708B	MW-708B	MW-708B	MW-708B	MW-708D	MW-708D
Sample Date:		5/31/2013 9:45	6/26/2012 8:50	9/27/2012 13:40	11/30/2012 10:00	2/26/2013 11:00	5/31/2013 12:25	6/25/2012 15:35	9/27/2012 12:10
Lab Sample ID:		L1309824-04	L1211356-05	L1217381-09	L1221612-05	L1303244-02	L1309824-05	L1211356-04	L1217381-07
Sample Type:		FD	N	N	N	N	N	N	N
Analyte	GW-1	Units							
olved Metals									
ARSENIC	10	ug/l							
atile Organics									
1,1-DICHLOROETHENE	7	ug/l	ND	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROBENZENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRICHLOROBENZENE	70	ug/l	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROBENZENE	600	ug/l	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE	5	ug/l	1.2	ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	40	ug/l	ND	ND	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND
ACETONE	6300	ug/l	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	100	ug/l	3.3	ND	ND	ND	ND	ND	ND
CIS-1,2-DICHLOROETHENE	70	ug/l	1.9	ND	ND	ND	ND	1.8	ND
NAPHTHALENE	140	ug/l	ND	ND	ND	ND	ND	ND	ND
p-ISOPROPYLTOLUENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND
TETRACHLOROETHENE	5	ug/l	6.4	ND	ND	ND	ND	4.1	ND
TRANS-1,2-DICHLOROETHENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	5	ug/l	4.2	ND	ND	ND	ND	1.2	ND
VINYL CHLORIDE	2	ug/l	2.1	ND	ND	ND	ND	1	ND
solved Gases									
ETHANE	NA	ug/l		ND				1.34	
ETHYLENE	NA	ug/l		ND				ND	
METHANE	NA	ug/l		11.9				94.4	

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Table 3. COC Detections for 2012-2013 Groundwater Monitoring
Bird Machine Company

Location:			MW-708D	MW-708D	MW-708D	MW-709D	MW-709D	MW-709D	MW-709D	MW-709D
Sample Date:			11/30/2012 11:00	2/26/2013 9:20	5/31/2013 10:55	6/20/2012 10:35	6/20/2012 10:35	9/26/2012 9:25	9/26/2012 9:25	11/28/2012 10:45
Lab Sample ID:			L1221612-06	L1303244-01	L1309824-06	L1211003-08	L1211003-09	L1217259-01	L1217259-02	L1221448-02
Sample Type:			N	N	N	N	FD	N	FD	N
Analyte	GW-1	Units								
ARSENIC	10	ug/l								
1,1-DICHLOROETHENE	7	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROBENZENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRICHLOROBENZENE	70	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROBENZENE	600	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	40	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
ACETONE	6300	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CIS-1,2-DICHLOROETHENE	70	ug/l	ND	ND	ND	2	2.3	ND	ND	2.3
NAPHTHALENE	140	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
p-ISOPROPYLTOLUENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TETRACHLOROETHENE	5	ug/l	ND	ND	ND	7.4	8.9	ND	ND	10
TRANS-1,2-DICHLOROETHENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	5	ug/l	ND	ND	ND	2.4	2.7	ND	ND	3.8
VINYL CHLORIDE	2	ug/l	ND	ND	ND	1.7	1.8	ND	ND	2.7
ETHANE	NA	ug/l				2.42		2	2.76	2.83
ETHYLENE	NA	ug/l				ND		ND	ND	ND
METHANE	NA	ug/l				445		517	682	617

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Table 3. COC Detections for 2012-2013 Groundwater Monitoring
Bird Machine Company

Location:			MW-709D	MW-709D	MW-709D	MW-709D	MW-709D	MW-709D	MW-709S	MW-709S	MW-709S
Sample Date:			11/28/2012 10:45	2/28/2013 10:50	2/28/2013 10:50	5/29/2013 14:10	5/29/2013 14:10	6/20/2012 13:05	9/25/2012 14:50	11/28/2012 9:46	
Lab Sample ID:			L1221448-03	L1303408-02	L1303408-03	L1309657-06	L1309657-07	L1211003-11	L1217164-08	L1221448-01	
Sample Type:			FD	N	FD	N	FD	N	N	N	
Analyte	GW-1	Units									
ARSENIC	10	ug/l									
1,1-DICHLOROETHENE	7	ug/l	ND	ND	ND	ND	ND	1.6	2.8	4.3	
1,2,3-TRICHLOROBENZENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
1,2,4-TRICHLOROBENZENE	70	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-DICHLOROBENZENE	600	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-DICHLOROETHANE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
1,3-DICHLOROBENZENE	40	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
1,4-DICHLOROBENZENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
ACETONE	6300	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
CHLOROBENZENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
CIS-1,2-DICHLOROETHENE	70	ug/l	2.2	1.8	ND	3	3.1	10	16	26	
NAPHTHALENE	140	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
p-ISOPROPYLTOLUENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
TETRACHLOROETHENE	5	ug/l	9.6	5.7	ND	10	11	35	69	100	
TRANS-1,2-DICHLOROETHENE	100	ug/l	ND	ND	ND	ND	ND	ND	1.1	ND	
TRICHLOROETHENE	5	ug/l	3.7	3.4	ND	6.1	5.8	27	49	77	
VINYL CHLORIDE	2	ug/l	2.7	ND	ND	2.3	2.5	4.7	8.2	18	
ETHANE	NA	ug/l	3.08	1.54	1.49	4.61	4.96	6.11	11	12.5	
ETHYLENE	NA	ug/l	0.524	ND	ND	ND	ND	ND	ND	ND	
METHANE	NA	ug/l	685	177	171	430	477	1110	944	932	

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Table 3. COC Detections for 2012-2013 Groundwater Monitoring
Bird Machine Company

Location:			MW-709S	MW-709S	MW-710B	MW-710B	MW-710B	MW-710B	MW-710B	MW-710D
Sample Date:			2/28/2013 9:45	5/30/2013 10:05	6/25/2012 13:50	9/26/2012 14:55	11/29/2012 10:30	3/1/2013 9:10	5/31/2013 11:05	6/21/2012 10:35
Lab Sample ID:			L1303408-01	L1309729-07	L1211356-03	L1217259-10	L1221547-02	L1303507-01	L1309824-08	L1211183-03
Sample Type:			N	N	N	N	N	N	N	N
Analyte	GW-1	Units								
ARSENIC	10	ug/l								
1,1-DICHLOROETHENE	7	ug/l	2.5	3.9	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROBENZENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRICHLOROBENZENE	70	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROBENZENE	600	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	40	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
ACETONE	6300	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CIS-1,2-DICHLOROETHENE	70	ug/l	15	32	ND	ND	ND	ND	ND	ND
NAPHTHALENE	140	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
p-ISOPROPYLTOLUENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TETRACHLOROETHENE	5	ug/l	68	92	ND	ND	ND	ND	ND	ND
TRANS-1,2-DICHLOROETHENE	100	ug/l	ND	1.6	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	5	ug/l	44	72	ND	ND	ND	ND	ND	ND
VINYL CHLORIDE	2	ug/l	7.2	16	ND	ND	ND	ND	ND	ND
ETHANE	NA	ug/l	10.8	12.6	ND					ND
ETHYLENE	NA	ug/l	ND	ND	ND					ND
METHANE	NA	ug/l	925	806	ND					ND

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Table 3. COC Detections for 2012-2013 Groundwater Monitoring
Bird Machine Company

Location:			MW-710D	MW-710D	MW-710D	MW-710D	MW-710M	MW-710M	MW-710M	MW-710M
Sample Date:			9/26/2012 13:55	11/29/2012 9:10	3/1/2013 11:45	5/31/2013 9:55	6/21/2012 13:25	9/26/2012 11:45	11/28/2012 14:20	2/28/2013 14:00
Lab Sample ID:			L1217259-08	L1221547-01	L1303507-02	L1309824-07	L1211183-06	L1217259-06	L1221448-05	L1303408-05
Sample Type:			N	N	N	N	N	N	N	N
Analyte	GW-1	Units								
ARSENIC	10	ug/l								
1,1-DICHLOROETHENE	7	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROBENZENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRICHLOROBENZENE	70	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROBENZENE	600	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	40	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
ACETONE	6300	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CIS-1,2-DICHLOROETHENE	70	ug/l	ND	ND	ND	ND	4.6	5.2	2.9	2.2
NAPHTHALENE	140	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
p-ISOPROPYLTOLUENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TETRACHLOROETHENE	5	ug/l	ND	ND	ND	ND	18	19	13	9.7
TRANS-1,2-DICHLOROETHENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	5	ug/l	ND	ND	ND	ND	7.5	7.2	4.8	3.1
VINYL CHLORIDE	2	ug/l	ND	ND	ND	ND	2	2.8	2.1	ND
ETHANE	NA	ug/l					9.62	12.4	7.77	1.73
ETHYLENE	NA	ug/l					3.19	2.18	1.06	ND
METHANE	NA	ug/l					111	146	71.9	19.8

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Table 3. COC Detections for 2012-2013 Groundwater Monitoring
Bird Machine Company

Location:			MW-710M	MW-710S	MW-710S	MW-710S	MW-710S	MW-710S	MW-710S	MW-711D	MW-711D
Sample Date:			5/30/2013 12:35	6/21/2012 14:35	9/26/2012 10:40	11/28/2012 13:00	2/28/2013 13:00	5/30/2013 11:15	6/20/2012 12:20	9/27/2012 9:35	
Lab Sample ID:			L1309729-09	L1211183-07	L1217259-04	L1221448-04	L1303408-04	L1309729-08	L1211003-10	L1217381-02	
Sample Type:			N	N	N	N	N	N	N	N	
Analyte	GW-1	Units									
ARSENIC	10	ug/l									
1,1-DICHLOROETHENE	7	ug/l	ND	ND	ND	1.1	ND	ND	ND	1.1	
1,2,3-TRICHLOROBENZENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
1,2,4-TRICHLOROBENZENE	70	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-DICHLOROBENZENE	600	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-DICHLOROETHANE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
1,3-DICHLOROBENZENE	40	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
1,4-DICHLOROBENZENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
ACETONE	6300	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
CHLOROBENZENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
CIS-1,2-DICHLOROETHENE	70	ug/l	3.8	10	8.8	12	8.7	8.7	9.3	9	
NAPHTHALENE	140	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
p-ISOPROPYLTOLUENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
TETRACHLOROETHENE	5	ug/l	16	7.8	9	16	16	16	46	49	
TRANS-1,2-DICHLOROETHENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
TRICHLOROETHENE	5	ug/l	6.8	11	11	17	12	14	14	15	
VINYL CHLORIDE	2	ug/l	2.1	3	3.1	5.6	3.1	4.2	5.9	5.9	
ETHANE	NA	ug/l	3.97		2.59	2.84	2.42	3.2	15.8	8.72	
ETHYLENE	NA	ug/l	ND		ND	ND	ND	ND	ND	ND	
METHANE	NA	ug/l	61.6		176	175	146	224	411	268	

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Table 3. COC Detections for 2012-2013 Groundwater Monitoring
Bird Machine Company

Location:			MW-711D	MW-711D	MW-711D	MW-711S	MW-711S	MW-711S	MW-711S	MW-711S
Sample Date:			11/29/2012 14:15	2/26/2013 13:00	6/3/2013 11:30	6/20/2012 13:15	9/27/2012 10:45	11/29/2012 13:15	2/26/2013 14:00	6/3/2013 10:00
Lab Sample ID:			L1221547-09	L1303244-03	L1309965-03	L1211003-12	L1217381-05	L1221547-08	L1303244-04	L1309965-01
Sample Type:			N	N	N	N	N	N	N	N
Analyte	GW-1	Units								
ARSENIC	10	ug/l								
1,1-DICHLOROETHENE	7	ug/l	1.1	1	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROBENZENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRICHLOROBENZENE	70	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROBENZENE	600	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	40	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
ACETONE	6300	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CIS-1,2-DICHLOROETHENE	70	ug/l	9.6	8.9	5.8	ND	ND	ND	ND	ND
NAPHTHALENE	140	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
p-ISOPROPYLTOLUENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TETRACHLOROETHENE	5	ug/l	60	41	25	ND	ND	ND	ND	ND
TRANS-1,2-DICHLOROETHENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	5	ug/l	17	12	7.6	ND	ND	ND	ND	ND
VINYL CHLORIDE	2	ug/l	6.4	5.8	5.1	ND	ND	ND	ND	ND
ETHANE	NA	ug/l	14.7	1.6	17.1					
ETHYLENE	NA	ug/l	ND	0.602	ND					
METHANE	NA	ug/l	394	946	262					

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Table 3. COC Detections for 2012-2013 Groundwater Monitoring
Bird Machine Company

Location:			MW-711S	MW-712S	MW-712S	MW-712S	MW-712S	MW-712S	MW-712S	MW-713D	MW-713D
Sample Date:			6/3/2013 10:00	6/19/2012 14:15	9/26/2012 14:40	11/28/2012 14:40	2/27/2013 14:00	6/3/2013 14:20	6/20/2012 10:20	6/20/2012 10:20	
Lab Sample ID:			L1309965-02	L1211003-05	L1217259-09	L1221448-10	L1303324-04	L1309965-05	L1211003-06	L1211003-07	
Sample Type:			FD	N	N	N	N	N	FD	N	
Analyte	GW-1	Units									
ARSENIC	10	ug/l									
1,1-DICHLOROETHENE	7	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
1,2,3-TRICHLOROBENZENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
1,2,4-TRICHLOROBENZENE	70	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-DICHLOROBENZENE	600	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-DICHLOROETHANE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
1,3-DICHLOROBENZENE	40	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
1,4-DICHLOROBENZENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
ACETONE	6300	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
CHLOROBENZENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
CIS-1,2-DICHLOROETHENE	70	ug/l	ND	ND	ND	ND	ND	ND	11	10	
NAPHTHALENE	140	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
p-ISOPROPYLTOLUENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
TETRACHLOROETHENE	5	ug/l	ND	ND	ND	ND	ND	ND	5.6	6	
TRANS-1,2-DICHLOROETHENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	
TRICHLOROETHENE	5	ug/l	ND	ND	ND	ND	ND	ND	7.4	7.2	
VINYL CHLORIDE	2	ug/l	ND	ND	ND	ND	ND	ND	2.6	2.8	
ETHANE	NA	ug/l									
ETHYLENE	NA	ug/l									
METHANE	NA	ug/l									

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Table 3. COC Detections for 2012-2013 Groundwater Monitoring
Bird Machine Company

Location:			MW-713D	MW-713D	MW-713D	MW-713D	MW-713D	MW-713D	MW-713S	MW-713S
Sample Date:			11/29/2012 11:10	9/27/2012 10:20	9/27/2012 10:20	11/29/2012 11:10	3/1/2013 11:10	6/3/2013 14:35	6/19/2012 15:55	9/27/2012 9:10
Lab Sample ID:			L1221547-06	L1217381-03	L1217381-04	L1221547-07	L1303507-04	L1309965-08	L1211003-04	L1217381-01
Sample Type:			N	N	FD	FD	N	N	N	N
Analyte	GW-1	Units								
ARSENIC	10	ug/l								
1,1-DICHLOROETHENE	7	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROBENZENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRICHLOROBENZENE	70	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROBENZENE	600	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	40	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
ACETONE	6300	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CIS-1,2-DICHLOROETHENE	70	ug/l	7.6	9.4	9.3	8.2	6.7	7.9	ND	ND
NAPHTHALENE	140	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
p-ISOPROPYLTOLUENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TETRACHLOROETHENE	5	ug/l	8.9	8.5	8.1	8.9	6.8	6.8	ND	ND
TRANS-1,2-DICHLOROETHENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	5	ug/l	7.2	8.5	8.3	7.2	6.2	6.7	ND	ND
VINYL CHLORIDE	2	ug/l	1.9	2.2	2.3	2.1	1.1	1.7	ND	1.1
ETHANE	NA	ug/l								
ETHYLENE	NA	ug/l								
METHANE	NA	ug/l								

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Table 3. COC Detections for 2012-2013 Groundwater Monitoring
Bird Machine Company

Location:			MW-713S	MW-713S	MW-713S	MW-714D	MW-714D	MW-714D	MW-714D	MW-714D
Sample Date:			11/29/2012 9:30	3/1/2013 10:10	6/3/2013 12:55	6/19/2012 10:15	9/26/2012 9:35	11/28/2012 9:45	2/27/2013 10:30	5/30/2013 14:00
Lab Sample ID:			L1221547-05	L1303507-05	L1309965-07	L1211003-02	L1217259-03	L1221448-07	L1303324-02	L1309729-06
Sample Type:			N	N	N	N	N	N	N	N
Analyte	GW-1	Units								
ARSENIC	10	ug/l								
1,1-DICHLOROETHENE	7	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROBENZENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRICHLOROBENZENE	70	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROBENZENE	600	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	40	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
ACETONE	6300	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CIS-1,2-DICHLOROETHENE	70	ug/l	ND	ND	ND	2.2	1.1	1	ND	ND
NAPHTHALENE	140	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
p-ISOPROPYLTOLUENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TETRACHLOROETHENE	5	ug/l	ND	ND	ND	2.8	1.8	4.6	5.2	3.8
TRANS-1,2-DICHLOROETHENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	5	ug/l	ND	ND	ND	1.5	ND	1.4	1.3	1.2
VINYL CHLORIDE	2	ug/l	1.2	1.3	2	ND	ND	ND	ND	ND
ETHANE	NA	ug/l								
ETHYLENE	NA	ug/l								
METHANE	NA	ug/l								

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Table 3. COC Detections for 2012-2013 Groundwater Monitoring
Bird Machine Company

Location:			MW-714S	MW-714S	MW-714S	MW-714S	MW-714S	MW-715D	MW-715D	MW-715D
Sample Date:			6/18/2012 15:20	9/26/2012 11:10	11/28/2012 11:20	2/27/2013 9:15	6/3/2013 11:05	6/22/2012 14:05	10/1/2012 12:35	12/3/2012 10:25
Lab Sample ID:			L1211003-01	L1217259-05	L1221448-08	L1303324-01	L1309965-06	L1211183-16	L1217558-05	L1221753-04
Sample Type:			N	N	N	N	N	N	N	N
Analyte	GW-1	Units								
ARSENIC	10	ug/l								
1,1-DICHLOROETHENE	7	ug/l	ND	ND	1.5	1	1.8	ND	ND	ND
1,2,3-TRICHLOROBENZENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRICHLOROBENZENE	70	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROBENZENE	600	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	40	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
ACETONE	6300	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CIS-1,2-DICHLOROETHENE	70	ug/l	1.5	10	25	12	13	ND	ND	ND
NAPHTHALENE	140	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
p-ISOPROPYLTOLUENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TETRACHLOROETHENE	5	ug/l	ND	ND	13	59	84	ND	ND	ND
TRANS-1,2-DICHLOROETHENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	5	ug/l	ND	ND	26	28	34	ND	ND	ND
VINYL CHLORIDE	2	ug/l	1	11	11	2.3	3.7	ND	ND	ND
ETHANE	NA	ug/l								
ETHYLENE	NA	ug/l								
METHANE	NA	ug/l								

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Table 3. COC Detections for 2012-2013 Groundwater Monitoring
Bird Machine Company

Location:			MW-715D	MW-715D	MW-715S	MW-715S	MW-715S	MW-715S	MW-715S	NP-MW-601
Sample Date:			2/26/2013 12:15	6/4/2013 11:00	6/22/2012 12:15	10/1/2012 11:45	12/3/2012 9:35	2/26/2013 10:15	6/4/2013 12:15	6/26/2012 13:10
Lab Sample ID:			L1303244-06	L1310057-03	L1211183-13	L1217558-04	L1221753-03	L1303244-05	L1310057-04	L1211356-09
Sample Type:			N	N	N	N	N	N	N	N
Analyte	GW-1	Units								
ARSENIC	10	ug/l								
1,1-DICHLOROETHENE	7	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROBENZENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	12
1,2,4-TRICHLOROBENZENE	70	ug/l	ND	ND	ND	ND	ND	ND	ND	50
1,2-DICHLOROBENZENE	600	ug/l	ND	ND	ND	ND	ND	ND	ND	2.6
1,2-DICHLOROETHANE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	40	ug/l	ND	ND	ND	ND	ND	ND	ND	2.5
1,4-DICHLOROBENZENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	5.4
ACETONE	6300	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	1.7
CIS-1,2-DICHLOROETHENE	70	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
NAPHTHALENE	140	ug/l	ND	ND	ND	2.2	ND	ND	ND	ND
p-ISOPROPYLTOLUENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TETRACHLOROETHENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TRANS-1,2-DICHLOROETHENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	1.1
VINYL CHLORIDE	2	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
ETHANE	NA	ug/l								
ETHYLENE	NA	ug/l								
METHANE	NA	ug/l								

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Table 3. COC Detections for 2012-2013 Groundwater Monitoring
Bird Machine Company

Location:			NP-MW-601	NP-MW-601	NP-MW-601	NP-MW-601	NP-MW-601	NP-MW-602	NP-MW-602	NP-MW-602
Sample Date:			10/1/2012 10:05	11/28/2012 8:05	2/28/2013 9:00	2/28/2013 9:00	5/30/2013 10:40	6/26/2012 11:30	9/27/2012 15:15	9/27/2012 15:15
Lab Sample ID:			L1217558-02	L1221448-06	L1303408-06	L1303408-09	L1309729-03	L1211356-08	L1217381-12	L1217381-13
Sample Type:			N	N	N	FD	N	N	N	FD
Analyte	GW-1	Units								
ARSENIC	10	ug/l								
1,1-DICHLOROETHENE	7	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROBENZENE	NA	ug/l	15	23	22	22	18	3.7	ND	ND
1,2,4-TRICHLOROBENZENE	70	ug/l	52	85	81	83	63	2.2	ND	ND
1,2-DICHLOROBENZENE	600	ug/l	2.8	4.1	3.8	3.8	2.9	ND	ND	ND
1,2-DICHLOROETHANE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	40	ug/l	2.4	3.2	2.9	3	2.6	ND	ND	ND
1,4-DICHLOROBENZENE	5	ug/l	5.5	8.2	7.7	7.6	6.2	ND	ND	ND
ACETONE	6300	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	100	ug/l	2.1	2.8	2.3	2.4	2	ND	ND	ND
CIS-1,2-DICHLOROETHENE	70	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
NAPHTHALENE	140	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
p-ISOPROPYLTOLUENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TETRACHLOROETHENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TRANS-1,2-DICHLOROETHENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	5	ug/l	1.2	1.6	1.2	1.1	1.1	ND	ND	ND
VINYL CHLORIDE	2	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
ETHANE	NA	ug/l								
ETHYLENE	NA	ug/l								
METHANE	NA	ug/l								

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Table 3. COC Detections for 2012-2013 Groundwater Monitoring
Bird Machine Company

Location:			NP-MW-602	NP-MW-602	NP-MW-602	NP-MW-602	NP-MW-602	NP-MW-603	NP-MW-603	NP-MW-603
Sample Date:			11/27/2012 10:10	3/1/2013 13:20	3/1/2013 13:20	5/30/2013 11:40	5/30/2013 11:40	6/27/2012 8:00	9/27/2012 18:00	11/27/2012 9:20
Lab Sample ID:			L1221369-13	L1303507-06	L1303507-07	L1309729-04	L1309729-05	L1211509-03	L1217381-10	L1221369-11
Sample Type:			N	N	FD	N	FD	N	N	N
Analyte	GW-1	Units								
ARSENIC	10	ug/l								
1,1-DICHLOROETHENE	7	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROBENZENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRICHLOROBENZENE	70	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROBENZENE	600	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	40	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
ACETONE	6300	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
CIS-1,2-DICHLOROETHENE	70	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
NAPHTHALENE	140	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
p-ISOPROPYLTOLUENE	NA	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TETRACHLOROETHENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TRANS-1,2-DICHLOROETHENE	100	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
VINYL CHLORIDE	2	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
ETHANE	NA	ug/l								
ETHYLENE	NA	ug/l								
METHANE	NA	ug/l								

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Location:		NP-MW-603	NP-MW-603	NP-MW-603
Sample Date:		11/27/2012 9:20	3/5/2013 9:55	5/31/2013 8:15
Lab Sample ID:		L1221369-12	L1303637-07	L1309824-01
Sample Type:		FD	N	N
Analyte	GW-1	Units		
ARSENIC	10	ug/l		
1,1-DICHLOROETHENE	7	ug/l	ND	ND
1,2,3-TRICHLOROBENZENE	NA	ug/l	ND	ND
1,2,4-TRICHLOROBENZENE	70	ug/l	ND	ND
1,2-DICHLOROBENZENE	600	ug/l	ND	ND
1,2-DICHLOROETHANE	5	ug/l	ND	ND
1,3-DICHLOROBENZENE	40	ug/l	ND	ND
1,4-DICHLOROBENZENE	5	ug/l	ND	ND
ACETONE	6300	ug/l	ND	ND
CHLOROBENZENE	100	ug/l	ND	ND
CIS-1,2-DICHLOROETHENE	70	ug/l	ND	ND
NAPHTHALENE	140	ug/l	ND	ND
p-ISOPROPYLTOLUENE	NA	ug/l	ND	ND
TETRACHLOROETHENE	5	ug/l	ND	ND
TRANS-1,2-DICHLOROETHENE	100	ug/l	ND	ND
TRICHLOROETHENE	5	ug/l	ND	ND
VINYL CHLORIDE	2	ug/l	ND	ND
ETHANE	NA	ug/l		
ETHYLENE	NA	ug/l		
METHANE	NA	ug/l		

Notes:
ND = Not Detected
Green Fill = Detect > GW-1

Table 4. Modifications to the Operation Maintenance and Monitoring Program
Bird Machine Company

Sampling Frequency	Analysis - Plume	Well Location	
Quarterly	Dissolved Arsenic	MW-706S	
	VOC - DCB plume	MW-702B	NP-MW-601
	VOC - cVOC plume	MW-709S MB-MW-374	MW-714S
Semi-Annual	Dissolved Arsenic	LR-MW-122	
	VOC - cVOC plume	MW-704S	MB-MW-362
		MW-709D	MW-707D
		MW-710S MW-710M	MW-711D MW-713D
Annual	Dissolved Arsenic	LR-MW-121	MB-MW-371
		MW-703S	MW-705S
	VOC - DCB plume	MW-700S	NP-MW-602
		MW-701S	NP-MW-603
		MW-702D	
	VOC - cVOC plume	MW-704D	MW-715S
		MB-MW-360	MW-708B
		MB-MW-361	MW-708D
LR-MW-124		MW-711S	
LR-MW-129		MW-713S	
	MW-710D	MW-712S	
	MB-MW-363	MW-714D	

Notes:

Quarterly sampling events to occur in March, June, September, and December.

Semi-Annual sampling events to occur in June and December.

Annual sampling events to occur in June



Appendix A – Public Notification Letter

Draft RMR Transmittal Letter dated 8/20/13
including PIP Mailing List Notice of Document Availability



August 20, 2013

Mr. Gerard Martin
Massachusetts Department of Environmental Protection
Southeast Regional Office
Bureau of Waste Site Cleanup
20 Riverside Drive, Lakeville, Massachusetts 02347

Dear Mr. Martin:

Re: Phase V Status and Remedial Monitoring Report
100 Neponset Street
Walpole, Massachusetts
RTN 4-3024222

On behalf of Baker Hughes, Inc. (BHI), AMEC Environment and Infrastructure (AMEC) is providing this Phase V Status and Remedial Monitoring Report (RMR) for the Bird Machine Company Site at 100 Neponset Street in Walpole, Massachusetts. BHI is submitting this RMR pursuant to 310 CMR 40.0890 of the Massachusetts Contingency Plan (MCP). The Site is listed as Release Tracking Number (RTN) 4-3024222 under the MCP.

This RMR documents the operation of a Comprehensive Remedial Action that is expected to be a Permanent Solution for the Site, and that was installed as described in the Phase IV Final Inspection Report. A Permanent Solution will achieve a condition of No Significant Risk for current and reasonably foreseeable site uses. As documented in the Class C-2 Response Action Outcome Statement submitted to the Massachusetts Department of Environmental Protection (MassDEP) on December 16, 2011, the Site already achieves the requirements of a Temporary Solution.

A copy of the Executive Summary of this report is attached to this letter, which is being sent by US Mail to members of the Public Involvement Plan (PIP) mailing list. A paper copy of the RMR is being provided to the PIP repository at the Walpole Public Library (Telephone Number: 508-660-7341) at 143 School Street. The electronic report has been uploaded to the MassDEP (<http://public.dep.state.ma.us/SearchableSites/Search.asp>) and is also being provided today to the Town of Walpole for upload to their website: <http://walpole-ma.gov/BirdMachine.htm>.

Comments on this RMR can be submitted to Chris Clodfelter of Baker Hughes at the following address:

Chris Clodfelter
Senior HS&E Specialist
Baker Hughes Incorporated
2929 Allen Parkway
Suite 2100
Houston, Texas 77019-2118
Office: 713.439.8329 | Fax: 713.439.8383



Please contact me if you have any questions regarding the Public Involvement process for this document.

Sincerely,

A handwritten signature in black ink that reads "Kim M. Henry". The signature is written in a cursive style with a long, sweeping tail on the letter "y".

Kim M. Henry
LSP No. 7122

cc:

Mr. Michael Boynton, Walpole Town Administrator
Ms. Robin Chapell, Walpole Health Agent
Ms. Landis Hershey, Walpole Conservation Agent
Ms. Deborah Burke, Key Petitioner
Public Involvement Plan Mailing List

Enclosure:

Copy of Phase V RMR Executive Summary



COPY OF PHASE V RMR - EXECUTIVE SUMMARY

On behalf of Baker Hughes, Inc. (BHI), AMEC Environment & Infrastructure, Inc. (AMEC) completed this Phase V Status and Remedial Monitoring Report (RMR) for the former Bird Machine Company (BMC) Site located in Walpole, Massachusetts. BHI is submitting this RMR pursuant to 310 CMR 40.0890 of the Massachusetts Contingency Plan (MCP). This RMR documents the operation of a Comprehensive Remedial Action that is expected to be a Permanent Solution for the Site, and that was installed as described in the Phase IV Final Inspection Report (FIR; AMEC 2012). A Permanent Solution will achieve a condition of No Significant Risk (NSR) for current and reasonably foreseeable site uses. As documented in the Class C-2 Response Action Outcome (RAO) Statement submitted to the Massachusetts Department of Environmental Protection (MassDEP) on December 16, 2011, the Site already achieves the requirements of a Temporary Solution (AMEC 2011a).

Release Abatement Measures (RAMs) have been conducted at several locations between 2005 and 2011 to reduce the mass and concentrations of contaminants at the Site. The Phase II Comprehensive Site Assessment (CSA) reports (AMEC 2011b, AMEC 2011c) indicate that a condition of NSR exists for all areas of the Site except groundwater, where some monitoring well concentrations exceed drinking water criteria (Massachusetts Maximum Contaminant Levels or MMCLs). It is unlikely that groundwater at the Site will be used for drinking water, but the Site is within a Potential Drinking Water Source Area designated by the Town of Walpole (Walpole 2007). Considering this designation, groundwater at the Site is categorized as GW-1 under the MCP. The CSA reports found no current pathway between Site contaminants and the Town's water supply wells to the northeast, but the potential for contaminant movement from a portion of the Site warrants further monitoring. Background information including a description of RAMs and Site characteristics is summarized in Section 1 of this RMR.

Areas of groundwater contamination exceeding MMCLs have been identified for arsenic, chlorinated Volatile Organic Compounds (cVOCs), and 1,4-dichlorobenzene (DCB). A Monitored Natural Attenuation (MNA) remedy consisting of active monitoring of natural processes was selected to achieve cleanup goals, and was installed in accordance with Phase IV of the MCP. MNA is considered an Active Remedial Monitoring Program under the MCP and has been designed and constructed to provide a Permanent Solution that achieves a condition of NSR, as described in the FIR (AMEC 2012).

AMEC completed two quarterly rounds of monitoring at the site in accordance with the FIR in February/March and May/June 2013. Section 1 of this report provides background information for the site. Section 2 describes monitoring procedures, and Section 3 documents any modifications from the plans presented in the FIR. Section 4 of this RMR provides monitoring results and evaluations of MNA effectiveness, and Section 5 includes an updated Conceptual Site Model (CSM) and recommendations for future monitoring. This RMR documents that a remedial monitoring well network to support an Active Remedial Monitoring Program is being operated in accordance with the plans and specifications presented in the FIR.



Appendix B – BWSC Transmittal Form
(to be included in paper copy following eDEP submittal of final version)