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May 30, 2012

Stanley F. Radon, CHMM, CPG
New York State Department of
Environmental Conservation, Region 9
270 Michigan Avenue
Buffalo, New York 14203

Dear Mr. Radon:

Enclosed please find the 2012 Annual Groundwater Monitoring Report for the Honeywell Buffalo Research Laboratory in Buffalo, New York (see Figure 1). The report is a requirement of the Ground Water Monitoring Plan (GWMP) for the facility. The annual sampling was conducted on April 17, 2012.

Based on the results of the annual groundwater monitoring over the last several years, including the current year, we are recommending that the monitoring be continued on an annual schedule. This schedule will be re-evaluated as additional results are collected. The detailed rationale for these recommendations is provided in the Recommendations/Conclusions section of this report.

Well Inspection

In accordance with the GWMP, the condition of each monitoring well (MW-2, MW-3, MW-5, MW-8, MW-9, and MW-10) was inspected. The depth to groundwater was also measured in each well during the inspection (see Groundwater Flow Direction below). The results of the well inspections are presented below.

MW-2, Stick-up Protective Casing
- Well cover hinge was broken off.
- Stick-up protective metal casing was in good condition.
- PVC well cap was secure.
- Concrete pad was in good condition.

MW-3, Stick-up Protective Casing
- Protective casing was rusted.
- Well was locked.
- PVC well cap was secure.
- Concrete pad was in good condition.

MW-5, Flush-mounted Protective Casing
- Curb box and cover were in place and in good condition, except for missing bolts that hold cover down.
- Well was not locked.
- Water-tight well cap was secure. Water had filled vault but had not entered the well.

- Surrounding asphalt was in good condition.

MW-8, Stick-up Protective Casing
- Well cover hinge was broken.
- Well was locked.
- No PVC well cap or expandable plug present on well.
- No concrete pad present around well site.

MW-9, Flush-mounted Protective Casing
- Curb box and flange were able to be lifted out without unbolting.
- Well was locked.
- Water-tight well cap was secure.
- Surrounding asphalt was in good condition.

MW-10, Stick-up Protective Casing
- Protective cover was rusted, but in good condition.
- Well was locked.
- PVC well cap was secure.
- Concrete pad was in good condition.

Groundwater Sampling

Groundwater samples were collected from MW-3 and MW-5 for laboratory analysis, as specified in the GWMP. During this sampling event, samples were collected using dedicated disposable high density polyethylene (HDPE) bailers.

Prior to collecting groundwater samples, each well was purged of a minimum of three well volumes of groundwater. During purging, field parameters, including pH, temperature, specific conductivity, and turbidity, were measured. After purging and allowing the well to return to static conditions, the groundwater samples were collected.

Samples were submitted for analysis using Method EPA 8260 for volatile organic compounds (VOCs) and EPA 200.7 for metals (arsenic and barium). In addition to the two groundwater samples, the trip blank that accompanied the bottle set from the laboratory, into the field, and back to the laboratory, was submitted for VOC analysis. Field parameters and other monitoring data were recorded on the Well Sampling Records provided in Attachment A.

Summary of Analytical Results

Table 1 presents a summary of the detected chemical constituents for this sampling event, and Table 2 provides the historical analytical results from 1994 through the current (2012) annual sampling event. A data summary table and the laboratory data report for the current samples are provided in Attachment B. Sample results were compared to the NYSDEC Ambient Water Quality Standards and Guidance Values (AWQS), contained in 6 NYCRR Part 703.

VOCs: Four VOCs were identified in the groundwater sample from MW-3 (vinyl chloride at 13.7 µg/L, 1,1-dichloroethene [1,1-DCE] at 2.54 µg/L, 1,1,1-trichloroethane [1,1,1-TCA] at 11.4 µg/L

and 1,1-dichloroethane [1,1-DCA] at 21.1 μg/L). Vinyl chloride, 1,1,1-TCA, and 1,1-DCA exceeded their respective AWQS. No VOCs were identified in the groundwater sample from MW-5. The analytical results for the trip blank (VOCs) were all below the analytical detection limits.

Metals: Total arsenic exceeded the AWQS (25 μg/L) in both MW-3 (36 μg/L) and MW-5 (34 μg/L). Total barium, soluble arsenic, and soluble barium were below the AWQS in both wells.

Discussion of Historical Analytical Results

VOCs

Table 2 provides a summary of the historical analytical results. 1,1,1-TCA and 1,1-DCA have typically been identified above the respective AWQS in groundwater from MW-3. The concentrations of 1,1-DCA ranged from below the analytical detection limits to 26 μg/L between 1999 and April 2012. The concentrations of 1,1,1-TCA ranged from below the analytical detection limits to 36 μg/L between 1999 and April 2012. 1,1-DCE, which was identified below the AWQS, has occasionally been identified in MW-3, but is typically below the analytical detection limits. Vinyl chloride has not been detected previously in MW-3. Future annual sampling events will determine if the observation of vinyl chloride in MW-3 in 2012 is anomalous.

No VOCs were identified in MW-3 in the November 2003 and May 2004 sampling rounds. During the April 2009 sampling event, 1,1-dichloroethene (1,1-DCE) was detected but 1,1-DCA was not. 1,1,1-TCA, 1,1-DCA, and 1,1-DCE have not been identified in groundwater samples from other wells. 1,1-DCA is a common breakdown product of 1,1,1-TCA, when degraded through biotic processes such as reductive dechlorination. The current sampling event (April 2012) identified not only 1,1,1-TCA, 1,1-DCA, and 1,1-DCE in MW-3 but also vinyl chloride, which had not previously been identified.

In summary, the analytical results from the current sampling event, consistent with the previous sampling events, showed two VOCs (1,1,1-TCA and 1,1-DCA) above the AWQS by only a small margin in a single well (MW-3). However, in MW-3, vinyl chloride was identified above the AWQS (vinyl chloride had not been observed previously) and 1,1-DCE was observed below the AWQS. Consistent with previous sampling events, no VOCs were identified in the sample from MW-5.

Metals

Total arsenic and total barium have been analyzed in the groundwater samples from MW-3 and MW-5 over the past fourteen years. Total arsenic has occasionally exceeded the AWQS (25 μg/L) in the samples from MW-3 and MW-5. Total arsenic was above the AWQS in both MW-3 and MW-5 during this sampling event. Total barium did not exceed the AWQS in either well during this sampling event, or in the previous sampling events.

Soluble arsenic and soluble barium have typically been analyzed since 2001. Soluble arsenic and barium are measured when the sample turbidity is in excess of 50 NTU. The current and historical analyses show soluble arsenic and soluble barium below the AWQS.

Groundwater Flow Direction

The water level measurements recorded on April 17, 2012 (see Table 3) are consistent with previous measurements. The groundwater elevation contour map (Figure 2) indicates that the direction of groundwater flow is generally to the southeast across the site, which is consistent with previously measured flow directions.

Recommendations/Conclusions

Based on the current sampling results, groundwater flow direction, and the following points, groundwater monitoring should continue on an annual schedule:

- The detected concentrations of three VOCs (1,1,1-TCA, 1,1-DCA, and vinyl chloride) were low, although slightly exceeding the AWQS in MW-3. Vinyl chloride had not been detected previously. Future annual sampling events will determine if the detection of vinyl chloride during this sampling round is anomalous. One other VOC was detected (1,1-DCE) in MW-3 but was below the AWQS. No VOCs were detected in MW-5;

- At these concentrations, the VOCs would likely be naturally attenuated through processes such as reductive dechlorination, aerobic cometabolism, and hydrolysis, prior to reaching the facility boundary. The lack of VOCs in MW-5, down-gradient from MW-3, supports this statement;

- Total arsenic has been below the AWQS during the last four out of 10 sampling events in MW-3, and below the AWQS during the last six out of 10 sampling events in MW-5;

- Total barium has been below the AWQS during all previous sampling events in MW-3 and MW-5; and

- Groundwater transport of barium and arsenic is often limited due to adsorption to soil particles.

If you need additional information or would like to discuss the results of this Annual Groundwater Monitoring Report, please contact me at (716) 809-9140.

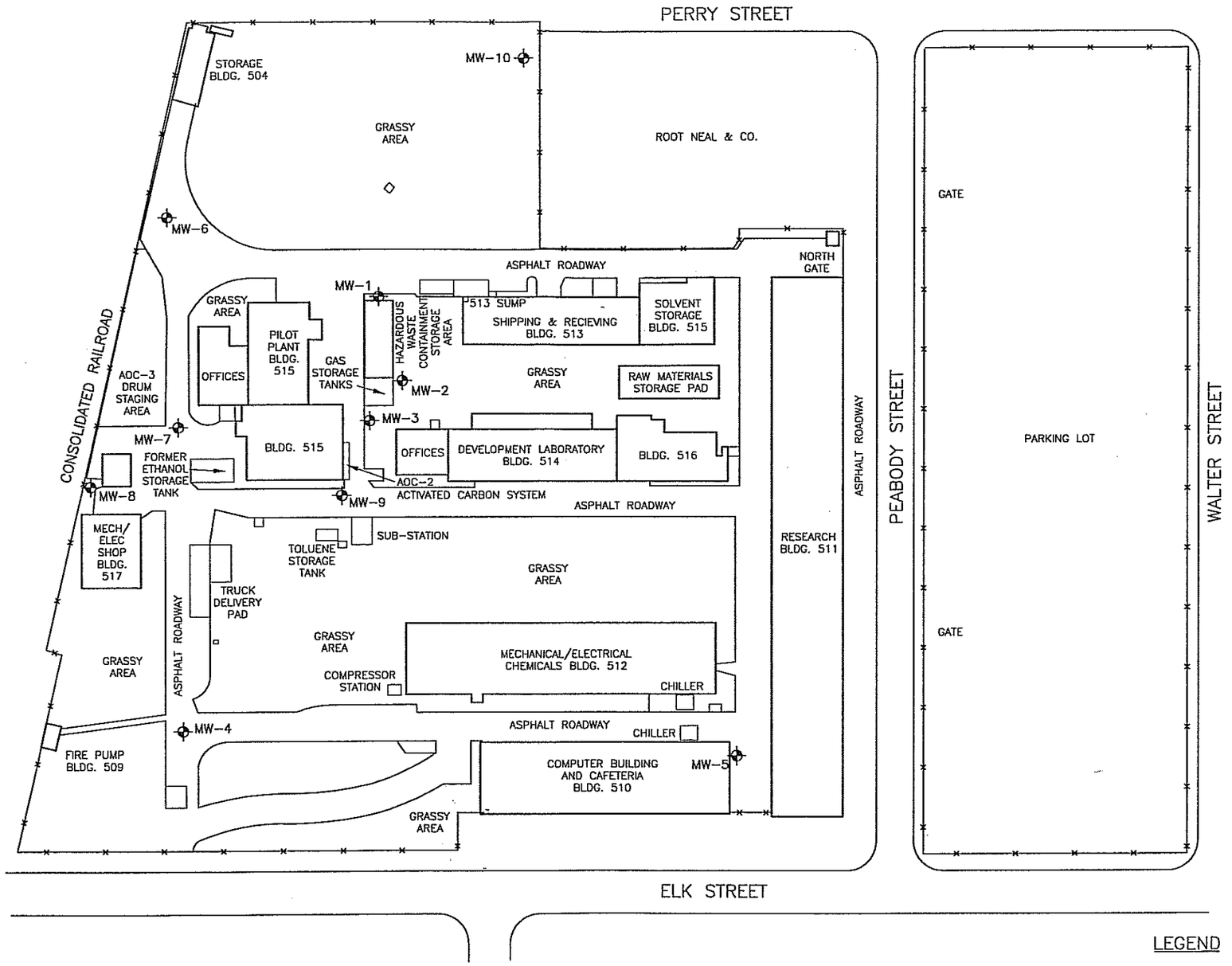
Sincerely,

Eric A. Felter
Project Manager

Jay Kelly

Site Leader – Honeywell Buffalo Research Laboratory

cc: Mr. Timothy I. DiGiulio, P.E - NYSDEC



LEGEND

MW-2 MONITORING WELL LOCATION

100 50 0 100 200

SCALE: 1"=100'

FIGURE 1

SITE PLAN
HONEYWELL SPECIALTY CHEMICALS
BUFFALO, NEW YORK

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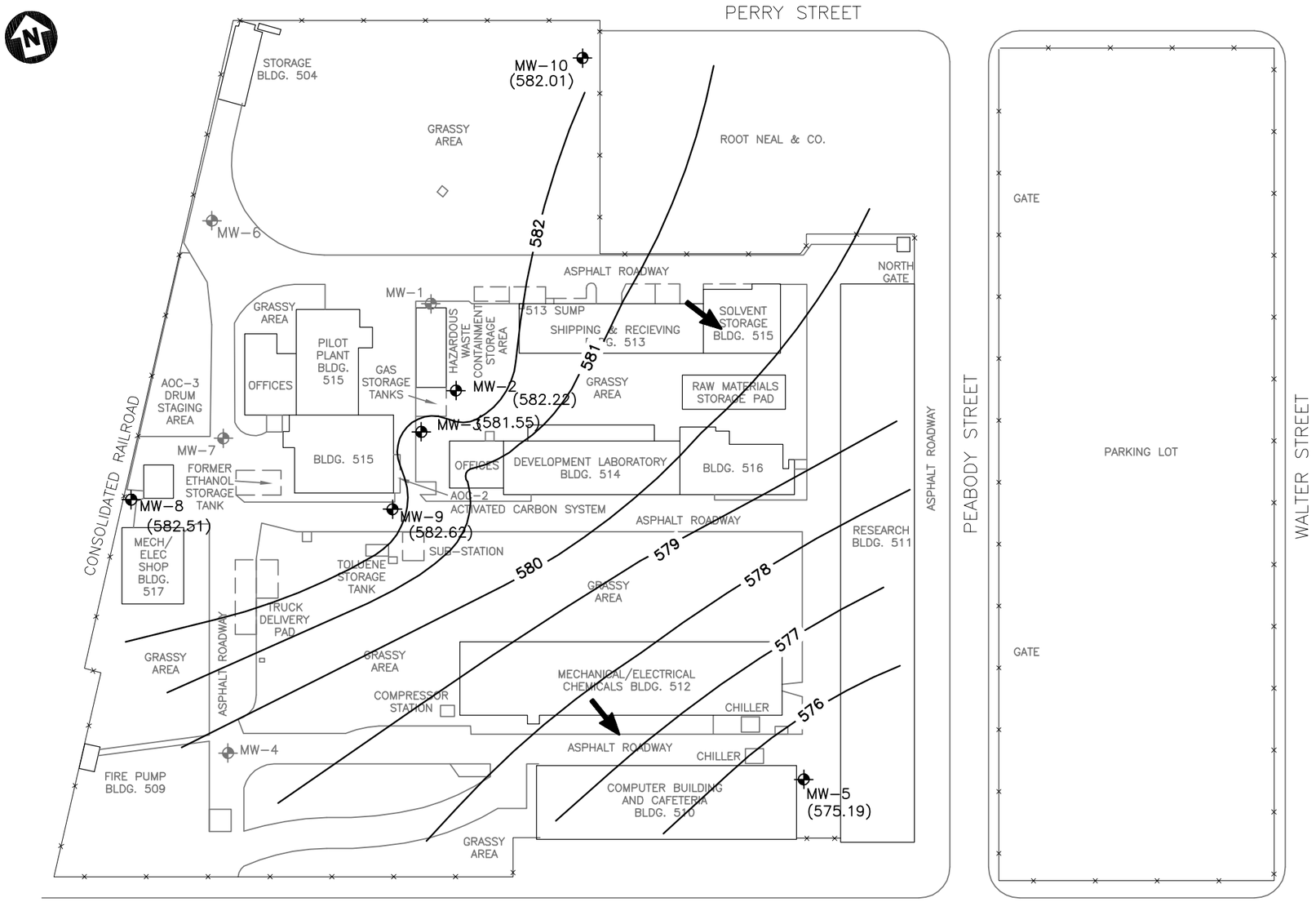
180 LAWRENCE BELL DRIVE, SUITE 104, WILLIAMSVILLE, N.Y. 14221, PHONE: 716-633-7074

P:\741239-hnywllSpecChem\cad\41239C02.dwg, 12/05/02 at 09:22, MAB, 1=1
No XREFs



LEGEND:

MW-2	MONITORING WELL LOCATION
580	GROUNDWATER ELEVATION CONTOUR LINE (CONTOUR INTERVAL = 1 FOOT)
(578.35)	GROUNDWATER ELEVATION
NM	WATER LEVEL UNABLE TO BE MEASURED
→	GROUNDWATER FLOW DIRECTION

100 50 0 100 200

SCALE: 1"=100'

FIGURE 2

Honeywell SPECIALTY CHEMICALS BUFFALO, NEW YORK

GROUNDWATER ELEVATION CONTOUR MAP (APRIL 17, 2012)

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FILE NAME: P:\HONEYWELL -SYR\447388\CAD\FIGURES\GW-2012\447388-SK001 (GW-2012).DWG
PLOT DATE: 5/8/2012 10:43 AM PLOTTED BY: RUSSO, JILL

TABLE 1

Summary of Groundwater Analytical Results (4/17/12)

Analytical Parameters	NYSDEC AWQS µg /L	MW-3 µg /L	MW-5 µg /L	Trip Blank µg /L
Total Arsenic	25	**36**	**34**	NA
Soluble Arsenic	25	18	17	NA
Total Barium	1,000	204	56	NA
Soluble Barium	1,000	128	67	NA
Vinyl chloride	2	**13.7**	ND	ND
1,1-Dichloroethene	5	2.54	ND	ND
1,1,1-Trichloroethane	5	**11.4**	ND	ND
1,1-Dichloroethane	5	**21.1**	ND	ND

Note: Only detected analytes are shown.
Boxed and bold analytical results exceed NYSDEC Ambient Water Quality Standards (AWQS).
ND = Not detected.
NA = Not analyzed.

Table 2

Honeywell Speciality Chemicals
Historical Analytical Results

Compound	NYSDEC AWQS (ug/L)	MW-1 10/17/94	MW-1 1/18/95	MW-2 10/17/94	MW-2 1/18/95	MW-2 5/27/03	MW-3 10/17/94	MW-3 1/18/95	MW-3 8/23/99	MW-3 10/19/00	MW-3 12/10/01	MW-3 11/19/02	MW-3 5/27/03	MW-3 11/13/03	MW-3 5/25/04	MW-3 4/28/05	MW-3 4/25/06	MW-3 5/1/07	MW-3 5/6/08
Total Arsenic	25	3 B	-	-	2.9 B	8.80 J	-	3 B	18	**34**	23 J	**63.3**	13.2 J	13.4 J	8.38 J	**33.0**	**39.0**	**39.0**	**34.0**
Soluble Arsenic	25	NA	NA	NA	NA	6.41 J	NA	NA	NA	NA	13 J	16 J	9.2 J	13.1 J	NA	NA	24	-	13
Total Barium	1,000	102 B	67.6	197 B	157 B	130	111 B	129 B	166	135	140	194	197	262	279	357	302	394	361
Soluble Barium	1,000	NA	NA	NA	NA	129	NA	NA	NA	NA	140	177	191	245	NA	NA	361	324	360
Acetone	50	12	-	11	6 J	-	7	**59**	-	-	-	-	-	-	-	-	-	-	-
2-Butanone	50	-	-	-	-	-	-	6 J	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	5	-	-	-	-	-	**36**	**10**	**20**	**17.1**	**7.62**	**16.2**	**12.3**	-	-	-	**10**	**12.3**	**11.2**
Tetrachloroethene (PCE)	5	-	-	-	-	-	-	-	-	<10	-	-	-	-	-	2.11 J	-	-	-
Trichloroethene (TCE)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**5.20 J**	-	-	-
1,1-Dichloroethene	5	-	-	-	-	-	4	-	-	<10	-	-	-	-	-	-	-	-	-
Methylene Chloride	5	**11**	-	**8**	-	-	**8**	-	-	<10	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	5	-	-	-	-	-	**42**	**11**	**20**	**20.7**	**7.73**	**26.0**	**17.3**	-	-	**6.42 J**	**14**	**17.1**	**17.1**
1,2-Dichloroethane	0.6	**11**	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	3	-	-	-	-	-	-	-	-	-	2.86	-	-	-	-	-	-	-	-
1,2-Dichloropropane	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	5	-	-	-	3 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Bold data exceed NYSDEC Ambient Water Quality Standards (AWQS).

- = Compound not detected above analytical detection limits.

J = Analytical result is an estimate.

NA = Not analyzed.

B = Compond also identified in blank.

Table 2

Honeywell Speciality Chemicals
Historical Analytical Results

Compound	NYSDEC AWQS (ug/L)	MW-3 4/21/09	MW-3 4/29/10	MW-3 4/19/11	MW-3 4/17/12	MW-4 10/17/94	MW-4 1/18/95	MW-5 10/17/94	MW-5 1/18/95	MW-5 8/23/99	MW-5 10/19/00	MW-5 12/10/01	MW-5 11/19/02	MW-5 5/27/03	MW-5 11/13/03	MW-5 5/25/04	MW-5 4/28/05	MW-5 4/25/06	MW-5 5/1/07	MW-5 5/6/08
Total Arsenic	25	13	**58**	20	**36**	-	5.6 B	-	-	**113**	**37**	20 J	24.1 J	15.1 J	**106**	8.17 J	13.3 J	-	-	**28.0**
Soluble Arsenic	25	NA	ND	ND	18	NA	NA	NA	NA	NA	NA	6 J	14.0 J	8.18 J	9.1 J	NA	8.85	10	-	14
Total Barium	1,000	206	147	313	204	183 B	243	71 B	74 B	170	100	80	95.1	83.8	214	63.9	94.9	92	58	56
Soluble Barium	1,000	NA	136	331	128	NA	NA	NA	NA	NA	NA	80	76	70.2	63.8	NA	86.4	71	21	63
Acetone	50	-	-	-	-	6	-	5	-	-	-	- -	- -	-	-	-	-	-	-	-
2-Butanone	50	-	-	-	-	-	-	-	-	-	-	- -	- -	-	-	-	-	-	-	-
1,1,1-Trichloroethane	5	**17.7**	**8.22**	**7.3**	**11.4**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene (PCE)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene (TCE)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	5	**23.3**	-	-	2.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	5	-	-	-	-	**8**	-	**12**	-	-	**31.1**	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	5	-	**12.1**	**10.6**	**21.1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	0.6	-	-	-	-	-	-	-	-	-	-	- -	- -	-	-	-	-	-	-	-
1,2-Dichlorobenzene	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	5	-	-	-	-	-	-	-	-	-	-	- -	- -	-	-	-	-	-	-	-
Vinyl chloride	2	-	-	-	**13.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Bold data exceed NYSDEC Ambient Water Quality Standards (AWQS).

- = Compound not detected above analytical detection limits.

J = Analytical result is an estimate.

NA = Not analyzed.

B = Compond also identified in blank.

Table 2

Honeywell Speciality Chemicals
Historical Analytical Results

Compound	NYSDEC AWQS (ug/L)	MW-5 4/21/09	MW-5 4/29/10	MW-5 4/19/11	MW-5 4/17/12	MW-6 10/17/94	MW-6 1/18/95	MW-6 5/27/03	MW-7 10/17/94	MW-7 1/18/95	MW-8 10/17/94	MW-8 1/18/95	MW-9 10/17/94	MW-9 1/18/95	MW-9 5/25/04	MW-10 10/17/94	MW-10 1/18/95	MW-10 5/27/03
Total Arsenic	25	20	**31**	11	**34**	-	-	5.64 J	-	2.7 B	-	-	-	-	**28.1**	4 B	-	19.7 J
Soluble Arsenic	25	NA	19	ND	17	NA	NA	7.34 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Barium	1,000	50	61	56	56	84 B	61.5 B	65.2	176 B	204 B	90 B	77.2 B	149 B	134 B	205	33 B	22.3 B	16.5
Soluble Barium	1,000	NA	57	71	67	NA	NA	69.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	50	-	-	-	-	4	-	-	9	-	6	-	27	18	-	21	5 J	-
2-Butanone	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene (PCE)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene (TCE)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	5	-	-	-	-	5	-	-	**8**	-	**8**	-	**19**	-	-	**16**	-	-
1,1-Dichloroethane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	1	-	-	-	-	-	-	-	-	**26**	-	-	-	-	-	-	-	-
Toluene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Bold data exceed NYSDEC Ambient Water Quality Standards (AWQS).

- = Compound not detected above analytical detection limits.

J = Analytical result is an estimate.

NA = Not analyzed.

B = Compond also identified in blank.

Table 3

Honeywell Speciality Chemicals
Groundwater Elevation Data

Monitoring Well ID	Water Level Measurement Date	Top of Well Casing Elevation (Feet)	Depth to Water (Feet TOC)	Water Table Elevation (Feet)
MW-2	10/17/1994	587.32	5.09	**582.23**
MW-2	11/8/1994	587.32	4.38	**582.94**
MW-2	11/15/1994	587.32	4.73	**582.59**
MW-2	1/17/1995	587.32	4.43	**582.89**
MW-2	8/23/1999	587.32	5.95	**581.37**
MW-2	10/19/2000	587.32	5.05	**582.27**
MW-2	12/10/2001	587.32	4.88	**582.44**
MW-2	11/19/2002	587.32	4.45	**582.87**
MW-2	5/27/2003	587.32	4.56	**582.76**
MW-2	11/13/2003	587.32	4.56	**582.76**
MW-2	5/25/2004	587.32	4.21	**583.11**
MW-2	4/28/2005	587.32	4.10	**583.22**
MW-2	4/25/2006	587.32	4.80	**582.52**
MW-2	5/1/2007	587.32	4.58	**582.74**
MW-2	5/6/2008	587.32	4.80	**582.52**
MW-2	4/21/2009	587.32	4.56	**582.76**
MW-2	4/29/2010	587.32	4.63	**582.69**
MW-2	4/19/2011	587.32	4.28	**583.04**
MW-2	4/17/2012	587.32	5.10	**582.22**
MW-3	10/17/1994	587.55	5.41	**582.14**
MW-3	11/8/1994	587.55	5.13	**582.42**
MW-3	11/15/1994	587.55	5.30	**582.25**
MW-3	1/17/1995	587.55	5.20	**582.35**
MW-3	8/23/1999	587.55	5.90	**581.65**
MW-3	10/19/2000	587.55	6.20	**581.35**
MW-3	12/10/2001	587.55	6.18	**581.37**
MW-3	11/19/2002	587.55	6.11	**581.44**
MW-3	5/27/2003	587.55	6.09	**581.46**
MW-3	11/13/2003	587.55	6.43	**581.12**
MW-3	5/25/2004	587.55	6.57	**580.98**
MW-3	4/28/2005	587.55	6.40	**581.15**
MW-3	4/25/2006	587.55	6.10	**581.45**
MW-3	5/1/2007	587.55	6.08	**581.47**
MW-3	5/6/2008	587.55	6.12	**581.43**
MW-3	4/21/2009	587.55	6.00	**581.55**
MW-4	10/17/1994	587.55	3.18	**584.37**
MW-4	11/8/1994	587.55	4.30	**583.25**
MW-4	11/15/1994	587.55	2.96	**584.59**
MW-4	1/17/1995	587.55	2.86	**584.69**
MW-3	4/29/2010	587.55	6.20	**581.35**
MW-3	4/19/2011	587.55	5.94	**581.61**
MW-3	4/17/2012	587.55	6.00	**581.55**
MW-5	10/17/1994	583.47	4.96	**578.51**
MW-5	11/8/1994	583.47	4.65	**578.82**
MW-5	11/15/1994	583.47	4.76	**578.71**
MW-5	1/17/1995	583.47	4.77	**578.70**
MW-5	8/23/1999	583.47	4.82	**578.65**
MW-5	10/19/2000	583.47	4.55	**578.92**
MW-5	12/10/2001	583.47	4.86	**578.61**
MW-5	11/19/2002	583.47	5.02	**578.45**
MW-5	5/27/2003	583.47	5.27	**578.20**
MW-5	11/13/2003	583.47	8.46	**575.01**
MW-5	5/25/2004	583.47	6.30	**577.17**
MW-5	4/28/2005	583.47	4.82	**578.65**
MW-5	4/25/2006	583.47	5.12	**578.35**

Table 3

Honeywell Speciality Chemicals
Groundwater Elevation Data

Monitoring Well ID	Water Level Measurement Date	Top of Well Casing Elevation (Feet)	Depth to Water (Feet TOC)	Water Table Elevation (Feet)
MW-5	5/1/2007	583.47	5.62	**577.85**
MW-5	5/6/2008	583.47	6.32	**577.15**
MW-5	4/21/2009	583.47	8.72	**574.75**
MW-5	4/29/2010	583.47	9.02	**574.45**
MW-5	4/19/2011	583.47	8.29	**575.18**
MW-5	4/17/2012	583.47	8.28	**575.19**
MW-8	10/17/1994	587.94	5.55	**582.39**
MW-8	11/8/1994	587.94	5.40	**582.54**
MW-8	11/15/1994	587.94	5.53	**582.41**
MW-8	1/17/1995	587.94	5.82	**582.12**
MW-8	8/23/1999	587.94	5.40	**582.54**
MW-8	10/19/2000	587.94	5.30	**582.64**
MW-8	12/10/2001	587.94	5.35	**582.59**
MW-8	11/19/2002	587.94	5.25	**582.69**
MW-8	5/27/2003	587.94	5.21	**582.73**
MW-8	11/13/2003	587.94	5.09	**582.85**
MW-8	5/25/2004	587.94	4.91	**583.03**
MW-8	4/28/2005	587.94	4.99	**582.95**
MW-8	4/25/2006	587.94	5.3	**582.64**
MW-8	5/1/2007	587.94	5.23	**582.71**
MW-8	5/6/2008	587.94	5.25	**582.69**
MW-8	4/21/2009	587.94	4.68	**583.26**
MW-8	4/29/2010	587.94	5.32	**582.62**
MW-8	4/19/2011	587.94	5.12	**582.82**
MW-8	4/17/2012	587.94	5.43	**582.51**
MW-9	10/17/1994	584.48	2.39	**582.09**
MW-9	11/8/1994	584.48	1.83	**582.65**
MW-9	11/15/1994	584.48	2.09	**582.39**
MW-9	1/17/1995	584.48	2.02	**582.46**
MW-9	10/19/2000	584.48	0.00	**584.48**
MW-9	5/27/2003	584.48	1.91	**582.57**
MW-9	5/25/2004	584.48	2.90	**581.58**
MW-9	4/19/2011	584.48	2.26	**582.22**
MW-9	4/17/2012	584.48	1.86	**582.62**
MW-10	10/17/1994	587.85	5.31	**582.54**
MW-10	11/8/1994	587.85	3.44	**584.41**
MW-10	11/15/1994	587.85	3.98	**583.87**
MW-10	1/17/1995	587.85	3.40	**584.45**
MW-10	8/23/1999	587.85	7.83	**580.02**
MW-10	10/19/2000	587.85	5.01	**582.84**
MW-10	12/10/2001	587.85	4.13	**583.72**
MW-10	11/19/2002	587.85	4.23	**583.62**
MW-10	5/27/2003	587.85	3.85	**584.00**
MW-10	11/13/2003	587.85	3.63	**584.22**
MW-10	5/25/2004	587.85	3.00	**584.85**
MW-10	4/28/2005	587.85	3.53	**584.32**
MW-10	4/25/2006	587.85	4.65	**583.20**
MW-10	5/1/2007	587.85	6.89	**580.96**
MW-10	5/6/2008	587.85	4.02	**583.83**
MW-10	4/21/2009	587.85	6.82	**581.03**
MW-10	4/29/2010	587.85	4.40	**583.45**
MW-10	4/19/2011	587.85	3.42	**584.43**
MW-10	4/17/2012	587.85	5.84	**582.01**

ATTACHMENT A

Well Sampling Records

WELL SAMPLING RECORD

Site Name *Honeywell Speciality Chemicals* Well ID *MW-3*

Samplers *Robert Piurek*

Total Well Depth (TOC)	18.50	feet
Initial Static Water Level (TOC)	6.00	feet
Well Diameter	2.0	inches

Purging Data

Method *Disposable Bailer* Date/Time *4/17/2011 1100*

Water Volume = (Total Depth of Well - Depth To Water) x Casing Volume per Foot

= *18.50* - *6.00* x *0.16*

2.00 gallons

Casing Volumes (gal/ft.):					
1-inch	0.041	1.5-inch	0.092	2-inch	0.16
3-inch	0.36	4-inch	0.64	6-inch	1.4
8-inch	2.5			10 inch	4

Volume of Purge Water Removed *6.0* gallons

Sampling Data

Method *Disposable Bailer* Date/Time *4/17/2012 1120*

Parameters	Bottle	Pres.	Method
VOCs - TCL	*2- 40mL vials*	*HCl*	*8260*
Ar & Ba	*1- 250mL Plastic Bottle*	*HNO_3*	*206.2/200.7*
Ar & Ba (soluble)	*1- 250mL Plastic Bottle*	*none*	

Field Parameters	*1 Volume*	*2 Volume*	*3 Volume*	*Sample*
pH	*7.09*	*7.12*	*7.17*	*7.37*
Temp. (C)	*14.40*	*13.50*	*14.20*	*13.00*
Spec. Cond. (mS/cm)	*1.88*	*1.71*	*1.94*	*3.72*
Turbidity (NTU)	*258.00*	*>1000*	*>1000*	*442.00*
DO (mg/L)	-	-	-	-
Time	11:04	11:08	11:17	11:20

Comments:

WELL SAMPLING RECORD

Site Name *Honeywell Speciality Chemicals* Well ID *MW-5*

Samplers *Robert Piurek*

Total Well Depth (TOC)	16.5	feet
Initial Static Water Level (TOC)	8.28	feet
Well Diameter	2.0	inches

Purging Data

Method *Disposable Bailer* Date/Time *4/17/2012 1003*

Water Volume = (Total Depth of Well - Depth To Water) x Casing Volume per Foot

= *16.50* - *8.28* x *0.16*

1.3152 gallons

Casing Volumes (gal/ft.):					
1-inch	0.041	1.5-inch	0.092	2-inch	0.16
3-inch	0.36	4-inch	0.64	6-inch	1.4
8-inch	2.5			10 inch	4

Volume of Purge Water Removed *4.0* gallons

Sampling Data

Method *Disposable Bailer* Date/Time *4/17/2012 1020*

Parameters	Bottle	Pres.	Method
VOCs - TCL	*2- 40mL vials*	*HCl*	*8260*
Ar & Ba	*1- 250mL Plastic Bottle*	*HNO_3*	*206.2/200.7*
Ar & Ba (soluble)	*1- 250mL Plastic Bottle*	*none*	

Field Parameters	*1 Volume*	*2 Volume*	*3 Volume*	*Sample*
pH	*7.04*	*7.34*	*7.39*	*7.41*
Temp. (C)	*11.50*	*12.30*	*12.80*	*12.90*
Spec. Cond. (mS/cm)	*1.32*	*1.40*	*1.41*	*1.44*
Turbidity (NTU)	*70.00*	*130.00*	*230.00*	*>1000*
DO (mg/L)	-	-	-	-
Time	10:07	10:11	10:15	10:20

Comments:

ATTACHMENT B

Groundwater Analytical Results

Sample ID: Monitoring Well 3

Sample Date: 04/17/12

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limits	Method
Total Arsenic	0.036	mg/L	0.025	EPA 200.7
Soluble Arsenic	0.018	mg/L	0.025	EPA 200.7
Total Barium	0.204	mg/L	0.010	EPA 200.7
Soluble Barium	0.128	mg/L	0.010	EPA 200.7
Chloromethane	ND	µg/L	10	SW 846 8260
Vinyl chloride	13.7	µg/L	10	SW 846 8260
Chloroethane	ND	µg/L	10	SW 846 8260
1,1-Dichloroethene	2.54	µg/L	10	SW 846 8260
Methylene chloride	ND	µg/L	10	SW 846 8260
Trans-1,2-Dichloroethene	ND	µg/L	10	SW 846 8260
1,1-Dichloroethane	21.1	µg/L	10	SW 846 8260
Chloroform	ND	µg/L	10	SW 846 8260
1,2-Dichloroethane	ND	µg/L	10	SW 846 8260
1,1,1-Trichloroethane	11.4	µg/L	10	SW 846 8260
Carbon tetrachloride	ND	µg/L	10	SW 846 8260
Benzene	ND	µg/L	10	SW 846 8260
1,2-Dichloropropane	ND	µg/L	10	SW 846 8260
Trichloroethene	ND	µg/L	10	SW 846 8260
Cis-1,3-Dichloropropene	ND	µg/L	10	SW 846 8260
Trans-1,3-Dichloropropene	ND	µg/L	10	SW 846 8260
1,1,2-Trichloroethane	ND	µg/L	10	SW 846 8260
Toluene	ND	µg/L	10	SW 846 8260
Tetrachloroethene	ND	µg/L	10	SW 846 8260
Chlorobenzene	ND	µg/L	10	SW 846 8260
Ethylbenzene	ND	µg/L	10	SW 846 8260
1,3-Dichlorobenzene	ND	µg/L	10	SW 846 8260
1,4-Dichlorobenzene	ND	µg/L	10	SW 846 8260
1,2-Dichlorobenzene	ND	µg/L	10	SW 846 8260

Sample ID: Monitoring Well 5

Sample Date: 04/17/12

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limits	Method
Total Arsenic	0.034	mg/L	0.025	EPA 200.7
Soluble Arsenic	0.017	mg/L	0.025	EPA 200.7
Total Barium	0.056	mg/L	0.010	EPA 200.7
Soluble Barium	0.067	mg/L	0.010	EPA 200.7
Chloromethane	ND	µg/L	10	SW 846 8260
Vinyl chloride	ND	µg/L	10	SW 846 8260
Chloroethane	ND	µg/L	10	SW 846 8260
1,1-Dichloroethene	ND	µg/L	10	SW 846 8260
Methylene chloride	ND	µg/L	10	SW 846 8260
Trans-1,2-Dichloroethene	ND	µg/L	10	SW 846 8260
1,1-Dichloroethane	ND	µg/L	10	SW 846 8260
Chloroform	ND	µg/L	10	SW 846 8260
1,2-Dichloroethane	ND	µg/L	10	SW 846 8260
1,1,1-Trichloroethane	ND	µg/L	10	SW 846 8260
Carbon tetrachloride	ND	µg/L	10	SW 846 8260
Benzene	ND	µg/L	10	SW 846 8260
1,2-Dichloropropane	ND	µg/L	10	SW 846 8260
Trichloroethene	ND	µg/L	10	SW 846 8260
Cis-1,3-Dichloropropene	ND	µg/L	10	SW 846 8260
Trans-1,3-Dichloropropene	ND	µg/L	10	SW 846 8260
1,1,2-Trichloroethane	ND	µg/L	10	SW 846 8260
Toluene	ND	µg/L	10	SW 846 8260
Tetrachloroethene	ND	µg/L	10	SW 846 8260
Chlorobenzene	ND	µg/L	10	SW 846 8260
Ethylbenzene	ND	µg/L	10	SW 846 8260
1,3-Dichlorobenzene	ND	µg/L	10	SW 846 8260
1,4-Dichlorobenzene	ND	µg/L	10	SW 846 8260
1,2-Dichlorobenzene	ND	µg/L	10	SW 846 8260

Sample ID: Trip Blank
Sample Date: 04/27/12

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limits	Method
Chloromethane	ND	µg/L	10	SW 846 8260
Vinyl chloride	ND	µg/L	10	SW 846 8260
Chloroethane	ND	µg/L	10	SW 846 8260
1,1-Dichloroethene	ND	µg/L	10	SW 846 8260
Methylene chloride	ND	µg/L	10	SW 846 8260
Trans-1,2-Dichloroethene	ND	µg/L	10	SW 846 8260
1,1-Dichloroethane	ND	µg/L	10	SW 846 8260
Chloroform	ND	µg/L	10	SW 846 8260
1,2-Dichloroethane	ND	µg/L	10	SW 846 8260
1,1,1-Trichloroethane	ND	µg/L	10	SW 846 8260
Carbon tetrachloride	ND	µg/L	10	SW 846 8260
Benzene	ND	µg/L	10	SW 846 8260
1,2-Dichloropropane	ND	µg/L	10	SW 846 8260
Trichloroethene	ND	µg/L	10	SW 846 8260
Cis-1,3-Dichloropropene	ND	µg/L	10	SW 846 8260
Trans-1,3-Dichloropropene	ND	µg/L	10	SW 846 8260
1,1,2-Trichloroethane	ND	µg/L	10	SW 846 8260
Toluene	ND	µg/L	10	SW 846 8260
Tetrachloroethene	ND	µg/L	10	SW 846 8260
Chlorobenzene	ND	µg/L	10	SW 846 8260
Ethylbenzene	ND	µg/L	10	SW 846 8260
1,3-Dichlorobenzene	ND	µg/L	10	SW 846 8260
1,4-Dichlorobenzene	ND	µg/L	10	SW 846 8260
1,2-Dichlorobenzene	ND	µg/L	10	SW 846 8260

IsleChem™ LLC
Grand Island, NY

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Analysis Report

Client: Lana Dole
Honeywell

20 Peabody Street
Buffalo, NY 14210

Project: Groundwater Monitoring
Groundwater Analysis
MW-3 & MW-5

Report Date: Wednesday, May 02, 2012

Report ID: **NY204149.0.29176**

Contact Lana Dole

Batch Date: Tuesday, April 17, 2012
Batch Time: 12:00

Batch: Groundwater Monitoring

Received: Tuesday, April 17, 2012
15:50

Report Status: Final

Authorized Signature:

Richard V. Finn, Manager of Chemical Testing

The following result table is for 3 samples received by IsleChem LLC on 04/17/2012 submitted by Client
Also enclosed is the paperwork submitted with the samples.

Narrative:
Analyses were performed within required holding times. All quality control results were within acceptable limits unless specifically noted in the report. Quality control analyses were performed on the samples in this report or samples of similar matrix that were analyzed in the analytical batch on the dates indicated in the report.

Notes:

Sample Results

Sample ID Location Client: Honeywell

Report ID: NY204149.0.29176

Method Analyte	Sample Results	Units	Analyst	Vessel ID	Date
MW-3-041712 MW-3 / Field Grab - Ground Water Sampled: 4/17/2012					
Metals					
EPA 200.7 Rev 4.4					
Arsenic, Soluble	**0.018**	**mg/L**	RVF	224441	2012-04-19
Arsenic, Total	**0.036**	**mg/L**	RVF	224442	2012-04-19
Barium, Soluble	**0.128**	**mg/L**	RVF	224441	2012-04-19
Barium, Total	**0.204**	**mg/L**	RVF	24442	2012-04-19
Volatiles					
EPA 624					
Chloromethane	**<2.0**	**ug/L**	KB	224443 - 22444	2012-04-24
Vinyl chloride	**13.7**	**ug/L**	KB	224443 - 22444	2012-04-24
Chloroethane	**<2.0**	**ug/L**	KB	224443 - 22444	2012-04-24
1,1-Dichloroethene	**2.54**	**ug/L**	KB	224443 - 22444	2012-04-24
Methylene chloride	**<2.0**	**ug/L**	KB	224443 - 22444	2012-04-24
trans-1,2-Dichloroethene	**<2.0**	**ug/L**	KB	224443 - 22444	2012-04-24
1,1-Dichloroethane	**21.1**	**ug/L**	KB	224443 - 22444	2012-04-24
Chloroform	**<2.0**	**ug/L**	KB	224443 - 22444	2012-04-24
1,2-Dichloroethane	**<2.0**	**ug/L**	KB	224443 - 22444	2012-04-24
1,1,1-Trichloroethane	**11.4**	**ug/L**	KB	224443 - 22444	2012-04-24
Carbon tetrachloride	**<2.0**	**ug/L**	KB	224443 - 22444	2012-04-24
Benzene	**<2.0**	**ug/L**	KB	224443 - 22444	2012-04-24
1,2-Dichloropropane	**<2.0**	**ug/L**	KB	224443 - 22444	2012-04-24
Trichloroethene	**<2.0**	**ug/L**	KB	224443 - 22444	2012-04-24
cis-1,3-Dichloropropene	**<2.0**	**ug/L**	KB	224443 - 22444	2012-04-24
EPA 8260C					
trans-1,3-Dichloropropene	**<2.0**	**ug/L**	KB	224443 - 22444	2012-04-24
EPA 624					
1,1,2-Trichloroethane	**<2.0**	**ug/L**	KB	224443 - 22444	2012-04-24
Toluene	**<2.0**	**ug/L**	KB	224443 - 22444	2012-04-24

Sample Results

Sample ID Location

Client: Honeywell

Report ID: NY204149.0.29176

Method Analyte	Sample Results	Units	Analyst	Vessel ID	Date
EPA 624					
Tetrachloroethene	**<2.0**	**ug/L**	KB	224443 - 22444	2012-04-24
Chlorobenzene	**<2.0**	**ug/L**	KB	224443 - 22444	2012-04-24
Ethyl benzene	**<2.0**	**ug/L**	KB	224443 - 22444	2012-04-24
1,3-Dichlorobenzene	**<2.0**	**ug/L**	KB	224443 - 22444	2012-04-24
1,4-Dichlorobenzene	**<2.0**	**ug/L**	KB	224443 - 22444	2012-04-24
1,2-Dichlorobenzene	**<2.0**	**ug/L**	KB	224443 - 22444	2012-04-24
WetChem					
SM 18-21 2130 B (01)					
Turbidity	**165**	**NTU**	RVF	224445	2012-04-19
Time of Analysis: 11:10 am					

end of Lab ID number 151793

MW-5-041712 MW-5 / Field Grab - Ground Water Sampled: 4/17/2012

Metals					
EPA 200.7 Rev 4.4					
Arsenic, Soluble	**0.017**	**mg/L**	RVF	224446	2012-04-19
Arsenic, Total	**0.034**	**mg/L**	RVF	224447	2012-04-19
Barium, Soluble	**0.067**	**mg/L**	RVF	224446	2012-04-19
Barium, Total	**0.056**	**mg/L**	RVF	224447	2012-04-19
Volatiles					
EPA 624					
Chloromethane	**<2.0**	**ug/L**	KB	224448 - 22444	2012-04-24
Vinyl chloride	**<2.0**	**ug/L**	KB	224448 - 22444	2012-04-24
Chloroethane	**<2.0**	**ug/L**	KB	224448 - 22444	2012-04-24
1,1-Dichloroethene	**<2.0**	**ug/L**	KB	224448 - 22444	2012-04-24
Methylene chloride	**<2.0**	**ug/L**	KB	224448 - 22444	2012-04-24
trans-1,2-Dichloroethene	**<2.0**	**ug/L**	KB	224448 - 22444	2012-04-24
1,1-Dichloroethane	**<2.0**	**ug/L**	KB	224448 - 22444	2012-04-24
Chloroform	**<2.0**	**ug/L**	KB	224448 - 22444	2012-04-24

Sample Results

Sample ID Location Client: Honeywell

Report ID: NY204149.0.29176

Method / Analyte	Sample Results	Units	Analyst	Vessel ID	Date
EPA 624					
1,2-Dichloroethane	**<2.0**	**ug/L**	KB	224448 - 22444	2012-04-24
1,1,1-Trichloroethane	**<2.0**	**ug/L**	KB	224448 - 22444	2012-04-24
Carbon tetrachloride	**<2.0**	**ug/L**	KB	224448 - 22444	2012-04-24
Benzene	**<2.0**	**ug/L**	KB	224448 - 22444	2012-04-24
1,2-Dichloropropane	**<2.0**	**ug/L**	KB	224448 - 22444	2012-04-24
Trichloroethene	**<2.0**	**ug/L**	KB	224448 - 22444	2012-04-24
cis-1,3-Dichloropropene	**<2.0**	**ug/L**	KB	224448 - 22444	2012-04-24
EPA 8260C					
trans-1,3-Dichloropropene	**<2.0**	**ug/L**	KB	224448 - 22444	2012-04-24
EPA 624					
1,1,2-Trichloroethane	**<2.0**	**ug/L**	KB	224448 - 22444	2012-04-24
Toluene	**<2.0**	**ug/L**	KB	224448 - 22444	2012-04-24
Tetrachloroethene	**<2.0**	**ug/L**	KB	224448 - 22444	2012-04-24
Chlorobenzene	**<2.0**	**ug/L**	KB	224448 - 22444	2012-04-24
Ethyl benzene	**<2.0**	**ug/L**	KB	224448 - 22444	2012-04-24
1,3-Dichlorobenzene	**<2.0**	**ug/L**	KB	224448 - 22444	2012-04-24
1,4-Dichlorobenzene	**<2.0**	**ug/L**	KB	224448 - 22444	2012-04-24
1,2-Dichlorobenzene	**<2.0**	**ug/L**	KB	224448 - 22444	2012-04-24
WetChem					
SM 18-21 2130 B (01)					
Turbidity	**575**	**NTU**	RVF	224450	2012-04-19
Time of Analysis: 11:10 am					

end of Lab ID number 151794

149-0417-03 Trip Blank / Trip Blank - DI Water Sampled: 4/17/2012

Volatiles / Analyte	Sample Results	Units	Analyst	Vessel ID	Date
EPA 624					
Chloromethane	**<2.0**	**ug/L**	KB	224451 - 22445	2012-04-24
Vinyl chloride	**<2.0**	**ug/L**	KB	224451 - 22445	2012-04-24
Chloroethane	**<2.0**	**ug/L**	KB	224451 - 22445	2012-04-24

Sample Results

Sample ID Location

Client: Honeywell

Report ID: NY204149.0.29176

Method / Analyte	Sample Results	Units	Analyst	Vessel ID	Date
EPA 624					
1,1-Dichloroethene	**<2.0**	**ug/L**	KB	224451 - 22445	2012-04-24
Methylene chloride	**<2.0**	**ug/L**	KB	224451 - 22445	2012-04-24
trans-1,2-Dichloroethene	**<2.0**	**ug/L**	KB	224451 - 22445	2012-04-24
1,1-Dichloroethane	**<2.0**	**ug/L**	KB	224451 - 22445	2012-04-24
Chloroform	**<2.0**	**ug/L**	KB	224451 - 22445	2012-04-24
1,2-Dichloroethane	**<2.0**	**ug/L**	KB	224451 - 22445	2012-04-24
1,1,1-Trichloroethane	**<2.0**	**ug/L**	KB	224451 - 22445	2012-04-24
Carbon tetrachloride	**<2.0**	**ug/L**	KB	224451 - 22445	2012-04-24
Benzene	**<2.0**	**ug/L**	KB	224451 - 22445	2012-04-24
1,2-Dichloropropane	**<2.0**	**ug/L**	KB	224451 - 22445	2012-04-24
Trichloroethene	**<2.0**	**ug/L**	KB	224451 - 22445	2012-04-24
cis-1,3-Dichloropropene	**<2.0**	**ug/L**	KB	224451 - 22445	2012-04-24
EPA 8260C					
trans-1,3-Dichloropropene	**<2.0**	**ug/L**	KB	224451 - 22445	2012-04-24
EPA 624					
1,1,2-Trichloroethane	**<2.0**	**ug/L**	KB	224451 - 22445	2012-04-24
Toluene	**<2.0**	**ug/L**	KB	224451 - 22445	2012-04-24
Tetrachloroethene	**<2.0**	**ug/L**	KB	224451 - 22445	2012-04-24
Chlorobenzene	**<2.0**	**ug/L**	KB	224451 - 22445	2012-04-24
Ethyl benzene	**<2.0**	**ug/L**	KB	224451 - 22445	2012-04-24
1,3-Dichlorobenzene	**<2.0**	**ug/L**	KB	224451 - 22445	2012-04-24
1,4-Dichlorobenzene	**<2.0**	**ug/L**	KB	224451 - 22445	2012-04-24
1,2-Dichlorobenzene	**<2.0**	**ug/L**	KB	224451 - 22445	2012-04-24

end of Lab ID number 151795

Sample Results

Sample ID Location Client: Honeywell

Report ID: NY204149.0.29176

Method

Analyte	Sample Results	Units	Analyst	Vessel ID	Date

General Disclaimer

•The test results are submitted pursuant to IsleChem LLC's current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted.

•This report is issued for the benefit of and may be relied upon by the client named above. The client bears full responsibility for deciding the level of testing for sample submitted to IsleChem LLC.

•These results pertain only to the items tested.

•This report shall not be reproduced except in full.

•If the sample(s) represented by these test results were not collected by IsleChem LLC then the test results are limited to the reported values determine by the analytical testing process. IsleChem LLC makes no representation regarding the sample's collection technique, condition, volume, homogeneity or any other aspect of the sample(s) prior to IsleChem LLC taking possession of the sample(s) and the influence it may have on the results.

•Unless notified in writing to return the samples covered by this report IsleChem LLC will store what remains of the sample(s), if anything, for a period of 60 days before discarding, unless otherwise required by law. A shipping and handling fee with be charged for the return of any sample(s).

•Certain analytes may not be covered by the NYS DOH or NELAP fields of accreditation. Results for those analytes are generated by the cited method using QA/QC guidelines from IsleChem's Quality Control Manual, where applicable.

All results for solid samples are reported on a dry weight basis unless otherwise noted.

The test results in this report meet all NELAP requirements for parameters that are within IsleChem's field of accreditation. Any exceptions to NELAP requirements are noted in the comments field.

Visit us on the web at www.islechem.com

CHAIN OF CUSTODY / REQUEST FOR LABORATORY ANALYSIS

IsleChem LLC Grand Island, NY

2801 Long Road, Grand Island, NY 14072 (716)773-8401 (716)773-8517 (Fax)

Honeywell Organization Name	Groundwater Monitoring Project Name	2 Samples / 10 Bottles + Trip Blank # of Samples / # of Bottles
20 Peabody Street Street Address	Client PO / Release #	10 - 14 Days Turnaround Time/ Date Results Needed
Buffalo, NY 14210 City, State, ZIP	4/17/12 Date Sampled	NY 204149 ; O. 29176 IsleChem Project #
Lana Dole Contact Person	E-mailed reporting upon request please provide e-mail below:	**Rush Work Performed at Priority Rate (see below)** Approved by Client Yes No Initials_____
827-6318 / 827-6221 Phone# / Fax#	Lana.Dole@Honeywell.com E-mail	Approved by Lab Yes No Initials_____

Sample ID	Sample Location	Matrix	Comp	Grab	Soluble Metals: Arsenic & Barium	Total Metals: Arsenic & Barium	Volatiles - EPA 8260	* Turbidity	Bottle Type / Preservative
MW-3 4/17/12	MW - 3	GW		X	X	Soluble analysis only needed if turbidity exceeds 50 NTU			224441 500 ml Poly (None)
	MW - 3	GW		X		X			224442 500 ml Poly (HNO3)
	MW - 3	GW		X			X		224443 224444 (2) 40 ml VOA Vials (HCL)
	MW - 3	GW		X				X	224445 250 ml Poly (None)
MW-5 4/17/12	MW - 5	GW		X	X	Soluble analysis only needed if turbidity exceeds 50 NTU			224446 500 ml Poly (None)
	MW - 5	GW		X		X			224447 500 ml Poly (HNO3)
	MW - 5	GW		X			X		224448 224449 (2) 40 ml VOA Vials (HCL)
	MW - 5	GW		X				X	224450 250 ml Poly (None)
224451	Trip Blank	DI Water	224452						40 ml VOA Vial (HCL)

Comments:
BOTH SAMPLES EXCEEDED 50 NTU AT TIME OF COLLECTION. ANALYZE FOR DISSOLVED (SOLUBLE) ARSENIC AND BARIUM AS WELL AS TOTAL ARSENIC AND BARIUM FOR BOTH MW-3 AND MW-5 SAMPLES.

Sampled By: PARSONS	Date 4/17/12	Time 1200	Received by:	Date	Time	Received by:	Date / Time
Relinquished by: PARSONS	Date 4/17/12	Time 1550	Relinquished by:	Date	Time	Received by/lab: Deborah Schuman	Date 4/17/12 Time 1600

Standard turnaround time is 10 days.

RUSH WORK CHARGES: 3-6 times the standard cost for same day depending on the time needed ~ 2.5 times the standard cost for next day ~ 1.75 times the standard cost for 3 day.

By relinquishing these samples to IsleChem, LLC, you are accepting the current IsleChem, LLC terms and conditions for the sale of services.

IsleChem LLC
Grand Island, NY

Client Name: HONEYWELL

IsleChem, LLC Job Number: NY 204149.029176

Sample(s) received by: KEVIN RADER Date: 4/17/12 Time: 9:00 AM

Is the sample identified clearly with complete documentation including:

Sample location/Identification	(YES)	NO	N/A	Corrected
Sample date	(YES)	NO	N/A	Corrected
Sample time	(YES)	NO	N/A	Corrected
Client name	(YES)	NO	N/A	Corrected
Sampler's name	YES	(NO)	N/A	Corrected
Preservation type	(YES)	NO	N/A	Corrected
Required analysis is listed on each bottle	(YES)	NO	N/A	Corrected
Special remarks	YES	(NO)	N/A	Corrected

Are the sample labels clear & do they provide a unique identification of the sample?	(YES)	NO	N/A	Corrected
Are the sample containers appropriate?	(YES)	NO	N/A	Corrected
Is the sample date within the required hold times?	(YES)	NO	N/A	Corrected
Is there adequate volume available for requested analysis?	(YES)	NO	N/A	Corrected
Did the customer list what sample analysis is required?	(YES)	NO	N/A	Corrected
Is a chain of custody included?	(YES)	NO	N/A	Corrected
Is the chain of custody complete?	(YES)	NO	N/A	Corrected
Are the samples(s) free of apparent damage or contamination?	(YES)	NO	N/A	Corrected
Temperature 4°C Has cooling begun?	(YES)	NO	N/A	-
Is temperature 6° C or less if sample was held prior to delivery date?	YES	NO	(N/A)	-
Are samples appropriately preserved if necessary?	(YES)	NO	N/A	Corrected

Comments/Actions: _____