Glenn Springs Holdings, Inc.
A subsidiary of Occidental Petroleum

Joe Branch
Project Manager
Direct Dial (231) 670-6809

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Montague, MI 49437
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July 31, 2012

Reference No. 001069

Ms. Gloria M. Sosa
USEPA
Region II, Site Investigation & Compliance Branch
290 Broadway, 20th Floor
New York, NY 10007-1866

Mr. Brian P. Sadowski
NYSDEC
270 Michigan Avenue
Buffalo, NY 14203-2999

Dear Ms. Sosa and Mr. Sadowski:

Re: **Quarterly Operations Report – Second Quarter 2012**
Hyde Park Remedial Program
Bedrock and Overburden Monitoring Programs

In accordance with the July 2006 "Performance Monitoring Plan," the following is the quarterly data report for the Hyde Park Remedial Program for the period April 1, 2012 through June 30, 2012. A total of 7.4 million gallons of aqueous phase liquid (APL) was collected, treated, and discharged in compliance with our City of Niagara Falls Publicly Owned Treatment Works (POTW) Significant Industrial Users Wastewater Discharge Permit #49. No non-aqueous phase liquid (NAPL) was shipped for disposal. The potentiometric contours are consistent with previous interpretations. Flow zones 6, 7, and 9 have dewatered areas between the landfill and the gorge face. The current data continue to support the interpretation of effective hydraulic containment.

The performance monitoring data are presented as follows:

1. Figures 1-9: Showing groundwater contours for the flow zones and overburden
2. Figure 10: Showing continuously recorded water levels at flow zone piezometer PMW-1M-09
3. Table 1: Water Level Elevation Summary
4. Tables 2, 3, and 4: Daily, Weekly, and Quarterly Treatment System Effluent Monitoring Data
5. Attachment 1: Purge well performance graphs indicating daily level and flow information

Electrical issues began at PW-3L during late April. Troubleshooting was carried out during April and May on the vari-drive, flow meter, and the starter. The pump and motor were pulled and replaced on May 1, 2012 and again on May 23, 2012. The well is currently operational and maintenance is ongoing. Due to the electrical and pump issues, the well was pumped manually to set point three to four times per day from May 23, 2012 through June 29, 2012. Note that the graph for PW-3L indicates instantaneous flows and level reading measured once per day.

Continued water level and pumping issues were seen at PW-5UR during the second quarter of 2012. The pump and motor in PW-5UR were pulled and replaced on June 27, 2012. Well function improved following the June pump and motor replacement, and the well is currently operational and at set point.

PW-6MR was rewired April 2, 2012 due to a chronic re-set problem observed in the months previous. This problem continues to be ongoing and is under investigation. Additionally, an issue with the motor in PW-6MR was observed during late June; the motor was replaced in early July, and the well is currently operational and at set point.

As discussed in the Quarterly Operations Report for the First Quarter of 2012, in mid-January 2012, the pumping rate at PW-7U decreased. The reason for the pumping reduction was not known; however, the pump was to be pulled and replaced in the second quarter when the ground at this location dried sufficiently to avoid any damage to the private property on which the well is located. The pump was pulled and replaced in April 2012, and the well is currently operational and at set point.

PW-8UR stopped maintaining level in late April; the pump and motor were replaced May 30, 2012. The well is currently operational and at set point.

An electronic copy of this report is included on the attached CD as an Adobe® Acrobat® file. If you have any questions, please feel free to contact me at 231-670-6809 or by email at joseph_branch@oxy.com.

Very truly yours,

GLENN SPRINGS HOLDINGS, INC.

JBranch

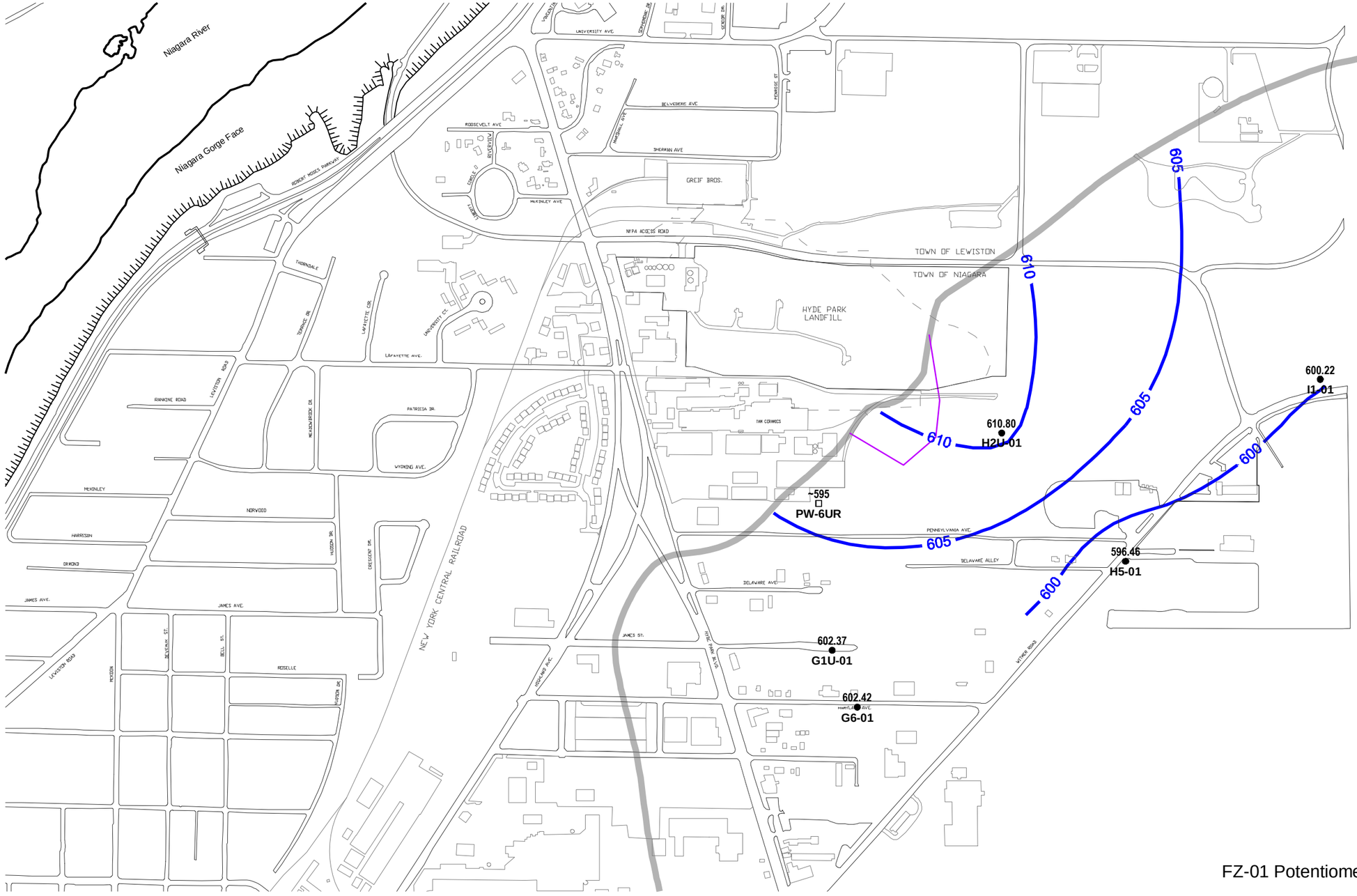
Joe Branch
Project Manager
231-670-6809 Cell

JB/adh/6
Encl.

c.c.: M. Anderson, GSH (1)
C. Babcock, GSH (1)
M. Forcucci, NYSDOH (1*)
J. Pentilchuk, CRA (1)
J. Polovich, CRA (1)
B. Sadowski, NYSDEC (CD Only)
G. Sosa, USEPA (4*)

*Includes one copy on CD

FIGURES



Legend

- Potentiometric Contour (ft AMSL)
- 2003 Delineation of NAPL Limits
- Flow Zone Subcrop
- Dewatered area of flow zone
- ● Piezometer used in contouring
- ○ Piezometer considered unreliable - data not used in contouring
- □ Purge Well - data not used in contouring
- ~ 525 Tilde at a piezometer indicates that the flow zone is dewatered. At a purge well, the pumping water level is below the flow zone, but the flow zone is not necessarily dewatered. Value shown is the flow zone elevation.

figure 1
FZ-01 Potentiometric Surface June 2012
2nd Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York

Legend

- Potentiometric Contour (ft AMSL)
- 2003 Delineation of NAPL Limits
- Flow Zone Subcrop
- Dewatered area of flow zone
- ● Piezometer used in contouring
- ○ Piezometer considered unreliable - data not used in contouring
- □ Purge Well - data not used in contouring
- ~ 525 Tilde at a piezometer indicates that the flow zone is dewatered. At a purge well, the pumping water level is below the flow zone, but the flow zone is not necessarily dewatered. Value shown is the flow zone elevation.

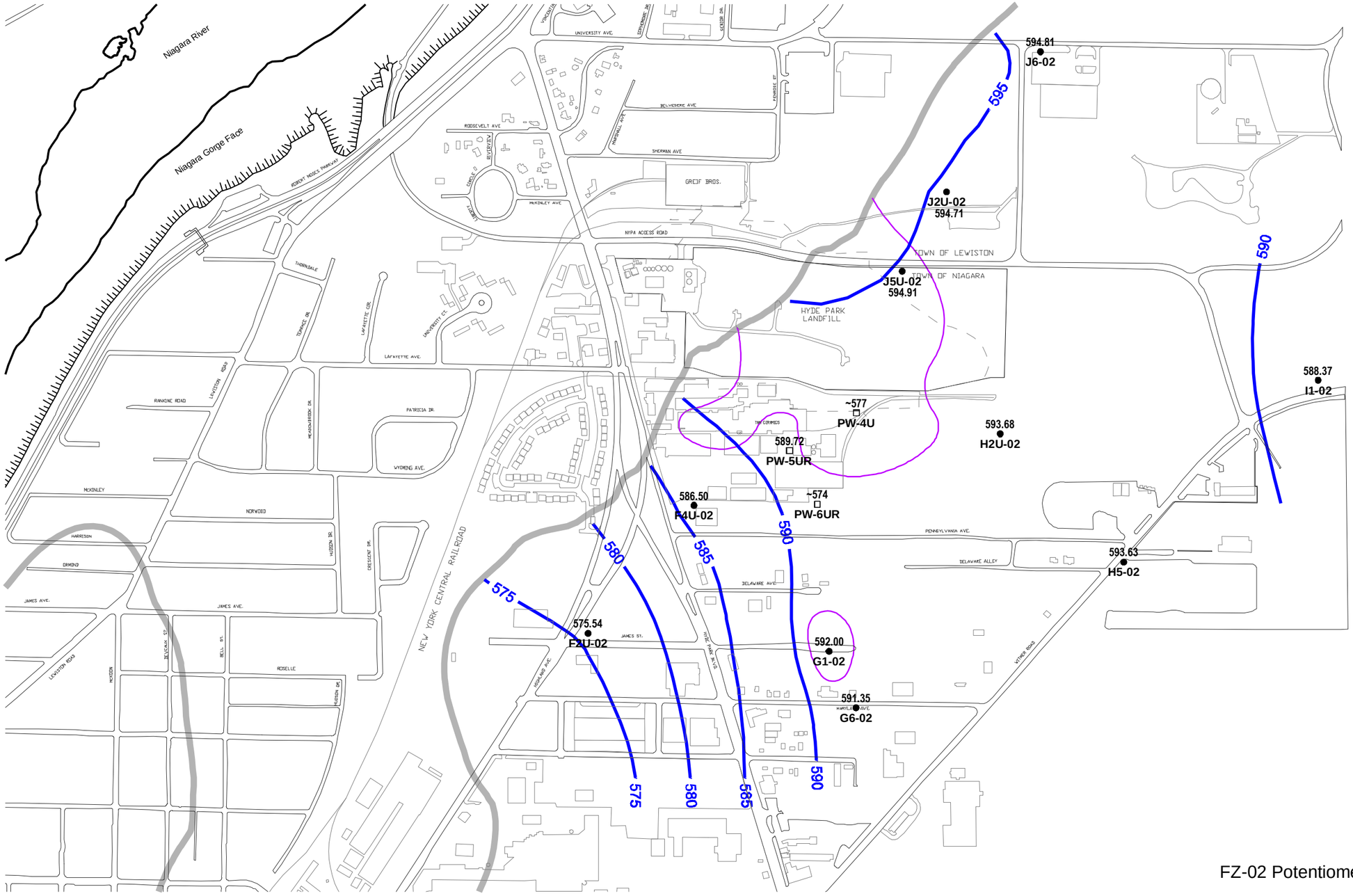
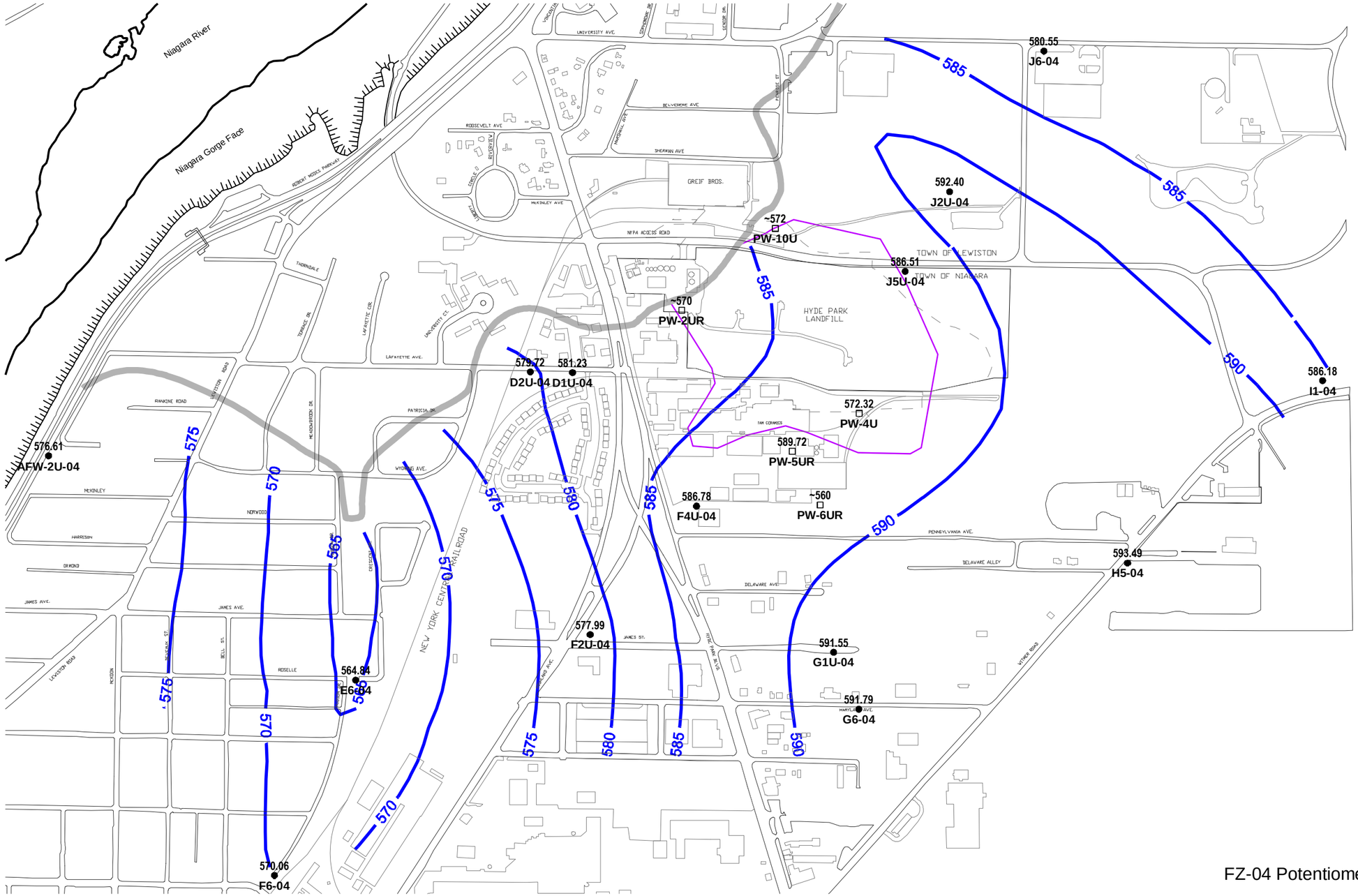


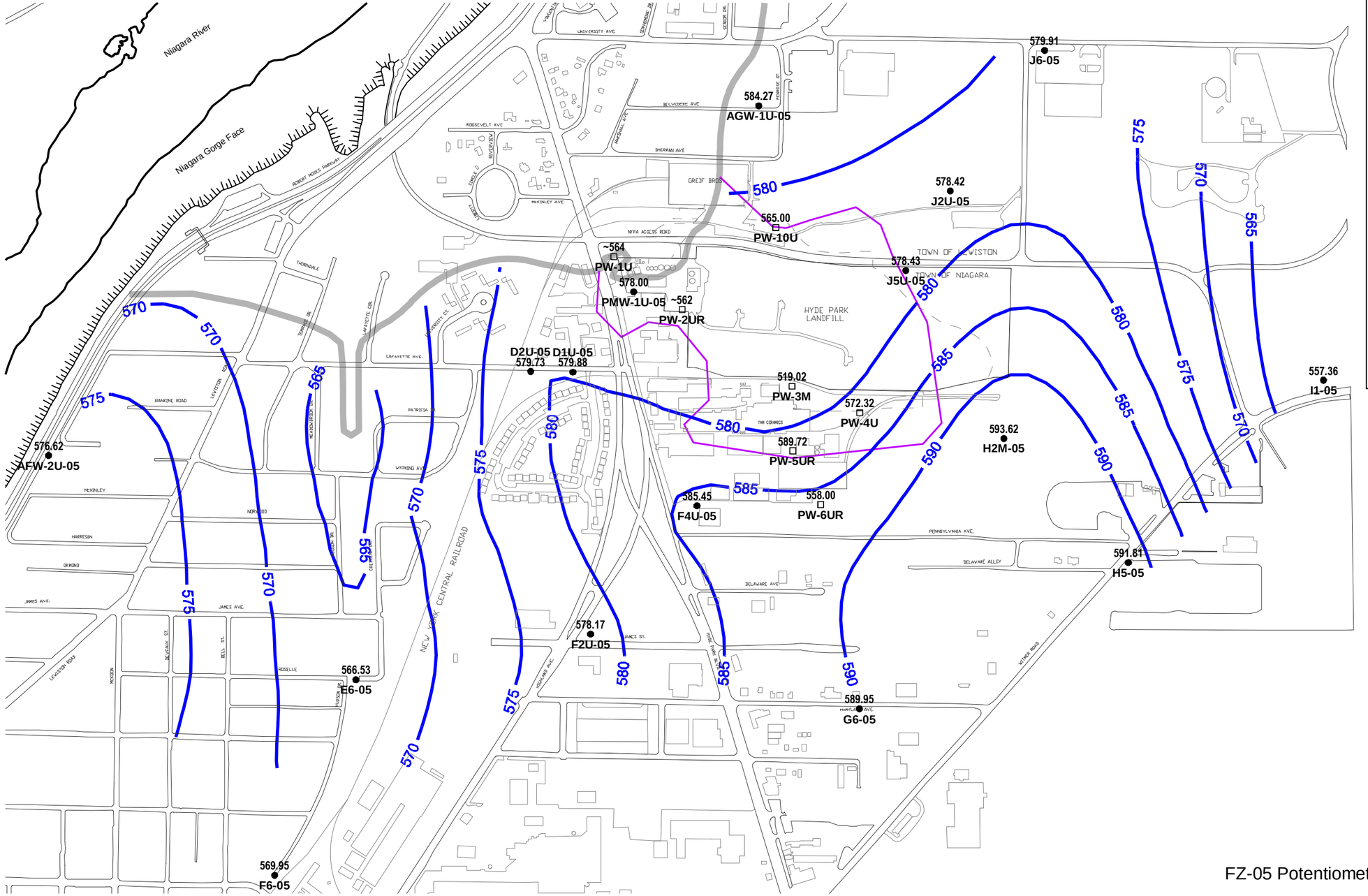
figure 2
FZ-02 Potentiometric Surface June 2012
2nd Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York



Legend

- Potentiometric Contour (ft AMSL)
- 2003 Delineation of NAPL Limits
- Flow Zone Subcrop
- Dewatered area of flow zone
- ● Piezometer used in contouring
- ○ Piezometer considered unreliable - data not used in contouring
- □ Purge Well - data not used in contouring
- ~ 525 Tilde at a piezometer indicates that the flow zone is dewatered. At a purge well, the pumping water level is below the flow zone, but the flow zone is not necessarily dewatered. Value shown is the flow zone elevation.

figure 3
FZ-04 Potentiometric Surface June 2012
2nd Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York



Legend

- Potentiometric Contour (ft AMSL)
- 2003 Delineation of NAPL Limits
- Flow Zone Subcrop
- Dewatered area of flow zone
- ● Piezometer used in contouring
- ○ Piezometer considered unreliable - data not used in contouring
- □ Purge Well - data not used in contouring
- ~ 525 Tilde at a piezometer indicates that the flow zone is dewatered. At a purge well, the pumping water level is below the flow zone, but the flow zone is not necessarily dewatered. Value shown is the flow zone elevation.

figure 4
FZ-05 Potentiometric Surface June 2012
2nd Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York

Legend

- Potentiometric Contour (ft AMSL)
- 2003 Delineation of NAPL Limits
- Flow Zone Subcrop
- Dewatered area of flow zone
- ● Piezometer used in contouring
- ○ Piezometer considered unreliable - data not used in contouring
- □ Purge Well - data not used in contouring
- ~ 525 Tilde at a piezometer indicates that the flow zone is dewatered. At a purge well, the pumping water level is below the flow zone, but the flow zone is not necessarily dewatered. Value shown is the flow zone elevation.

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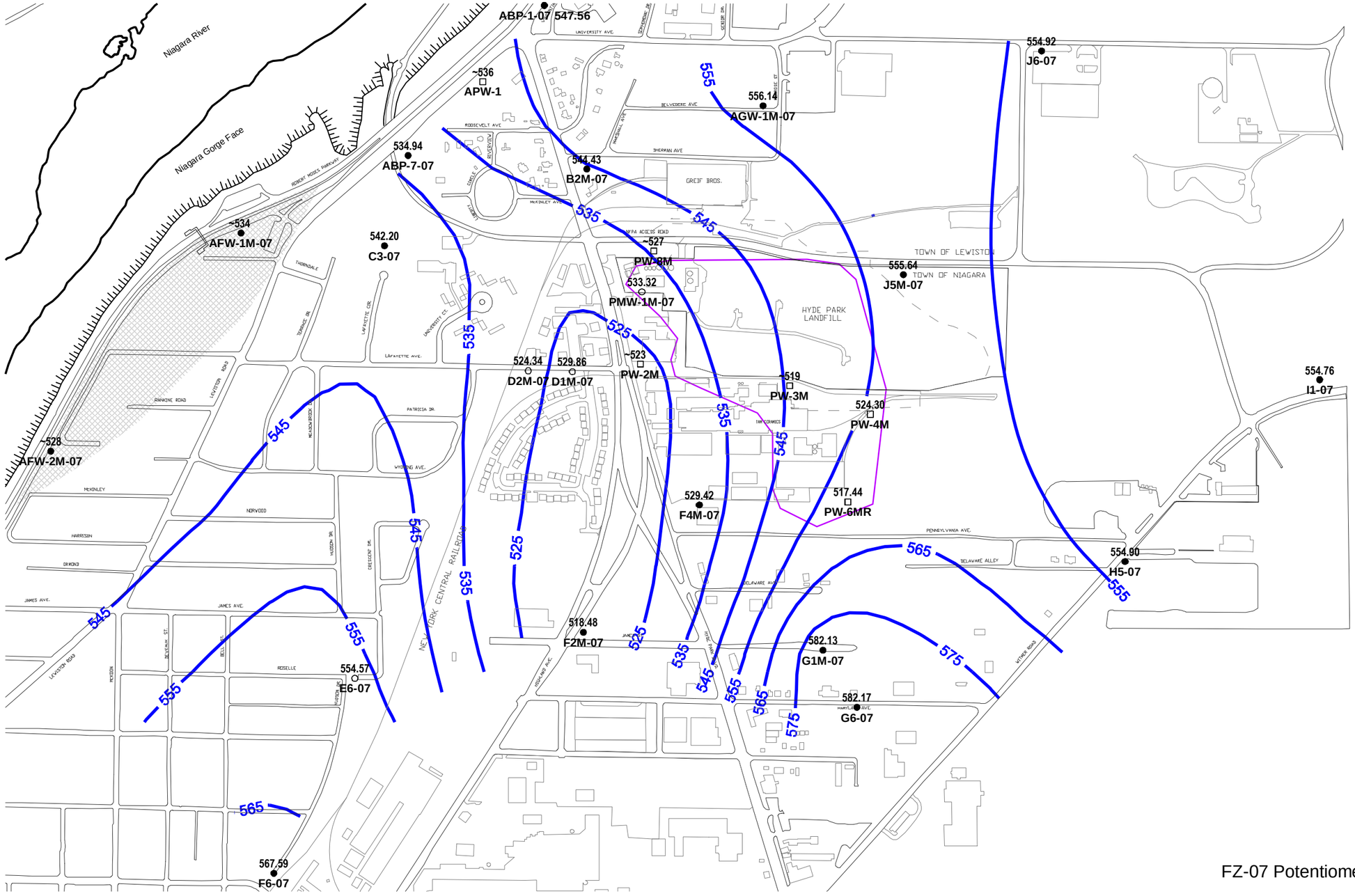
figure 5
FZ-06 Potentiometric Surface June 2012
2nd Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York

Glenn Springs Holdings, Inc.



Legend

- Potentiometric Contour (ft AMSL)
- 2003 Delineation of NAPL Limits
- Flow Zone Subcrop
- Dewatered area of flow zone
- ● Piezometer used in contouring
- ○ Piezometer considered unreliable - data not used in contouring
- □ Purge Well - data not used in contouring
- ~ 525 Tilde at a piezometer indicates that the flow zone is dewatered. At a purge well, the pumping water level is below the flow zone, but the flow zone is not necessarily dewatered. Value shown is the flow zone elevation.

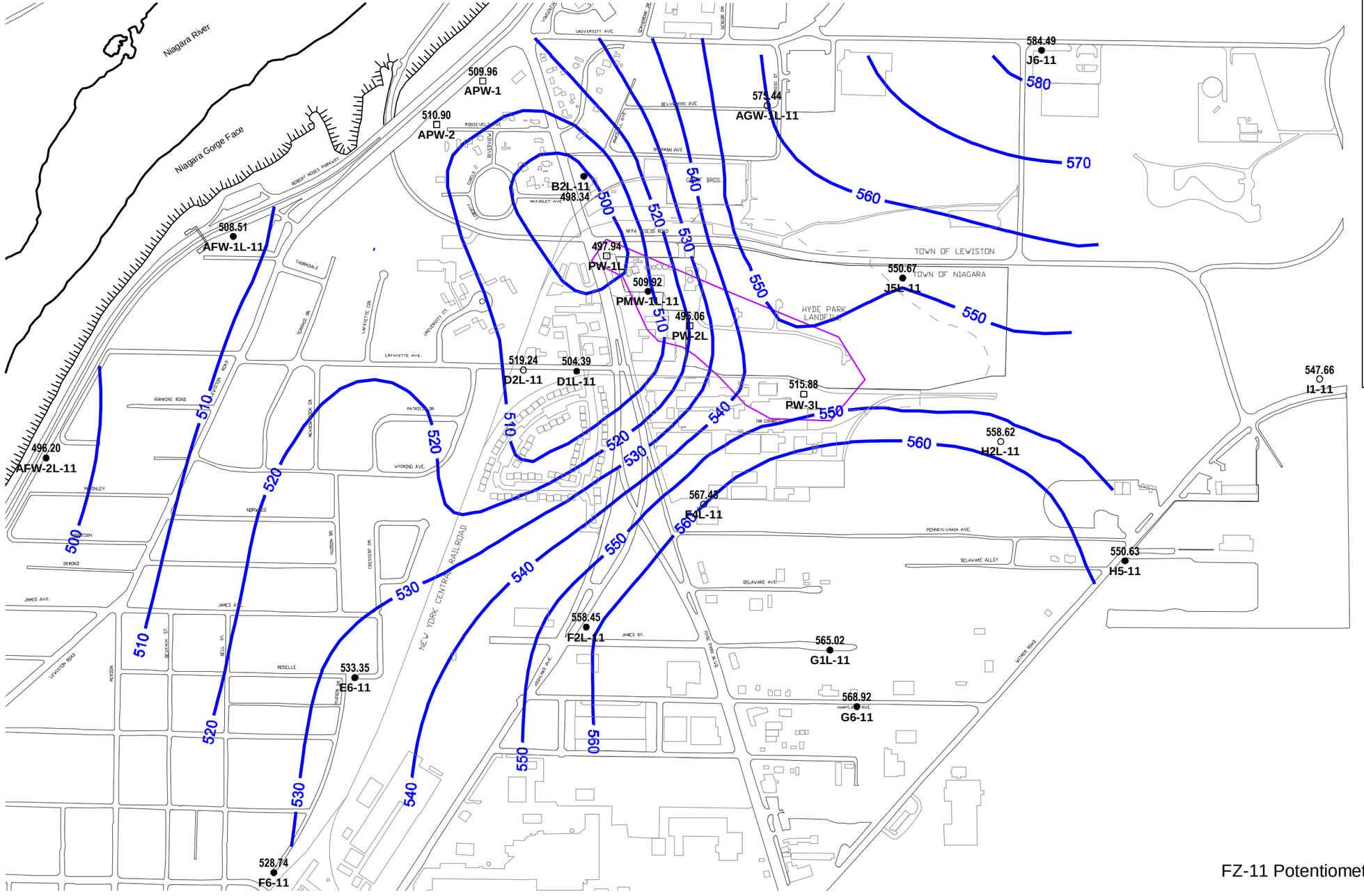
figure 6
FZ-07 Potentiometric Surface June 2012
2nd Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York

Legend

- Potentiometric Contour (ft AMSL)
- 2003 Delineation of NAPL Limits
- Flow Zone Subcrop
- Dewatered area of flow zone
- ● Piezometer used in contouring
- ○ Piezometer considered unreliable - data not used in contouring
- □ Purge Well - data not used in contouring
- ~ 525 Tilde at a piezometer indicates that the flow zone is dewatered. At a purge well, the pumping water level is below the flow zone, but the flow zone is not necessarily dewatered. Value shown is the flow zone elevation.

N

figure 7
FZ-09 Potentiometric Surface June 2012
2nd Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York



Legend

- Potentiometric Contour (ft AMSL)
- 2003 Delineation of NAPL Limits
- Flow Zone Subcrop
- Dewatered area of flow zone
- ● Piezometer used in contouring
- ○ Piezometer considered unreliable - data not used in contouring
- □ Purge Well - data not used in contouring
- ~ 525 Tilde at a piezometer indicates that the flow zone is dewatered. At a purge well, the pumping water level is below the flow zone, but the flow zone is not necessarily dewatered. Value shown is the flow zone elevation.

N

figure 8
FZ-11 Potentiometric Surface June 2012
2nd Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York

Legend

- Potentiometric Contour (ft AMSL)
- Existing Barrier Collection System
- Overburden Barrier Collection System
- ● Well used in contouring
- ○ Well considered unreliable - data not used in contouring
- ■ OBCWS Wet Wells pumped for recovery. Posted levels indicate the pumping setpoints. Setpoint levels were used for contouring.
- < 525 Indicates the well is dry; the posted value is the bottom of the well screened interval.

Note: Data values may overlap. If illegible, refer to tabulated data in the report.

0ft. 200ft. 400ft. 600ft.

figure 9
Overburden Potentiometric Surface June 2012
2nd Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York

Glenn Springs Holdings, Inc.

PMW-1M-09 2nd Quarter 2012- Daily Average Water Level Elevation

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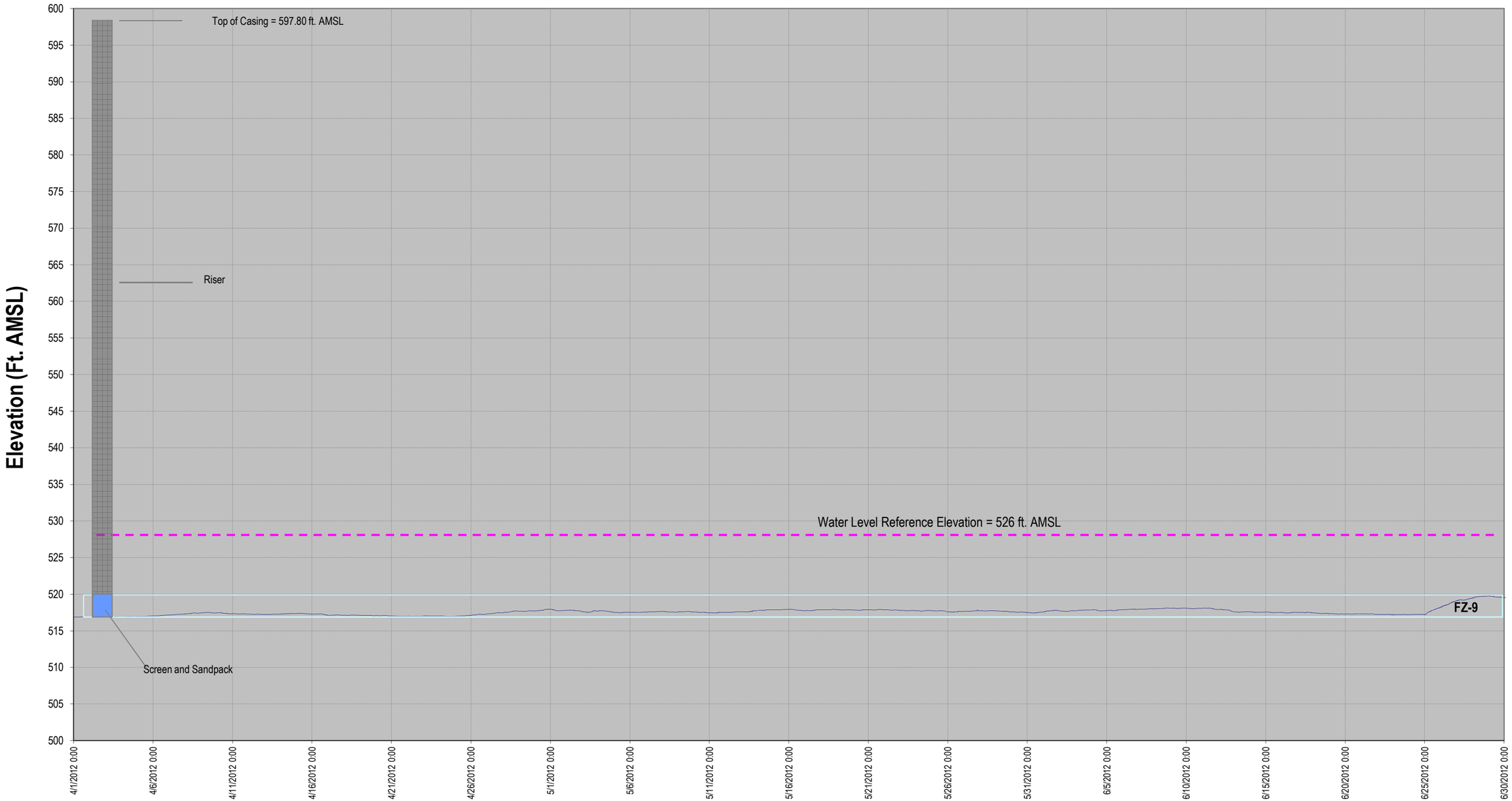


Figure 10

TABLES

TABLE 1

WATER LEVEL ELEVATION SUMMARY
SECOND QUARTER - 2012
HYDE PARK RRT PROGRAM

Well	*Reference Elevation (ft AMSL)*	*Depth to Water (ft)*	*Water Level Elevation (ft AMSL)*
Overburden			
CMW-2OB	590.79	3.09	587.70
CMW-3OB	582.13	7.35	574.78
CMW-4OB	574.28	0.60	573.68
CMW-5OB	583.43	0.54	582.89
CMW-6OB	571.89	0.98	570.91
CMW-7OB	611.00	Dry	Dry
CMW-8OB	616.11	Dry	Dry
CMW-9OB	571.76	2.44	569.32
CMW-1OB	576.80	5.30	571.50
CMW-11OB	572.85	3.77	569.08
CMW-12OB	594.74	15.22	579.52
OMW-1	605.28	5.89	599.39
OMW-2	605.99	2.78	603.21
OMW-3	598.63	10.43	588.20
OMW-4R	601.17	11.34	589.83
OMW-5R	591.31	6.45	584.86
OMW-6	587.62	1.76	585.86
OMW-7	592.74	7.86	584.88
OMW-8R2	594.67	9.04	585.63
OMW-9	595.52	8.37	587.15
OMW-10R	595.13	8.96	586.17
OMW-11R	597.52	6.11	591.41
OMW-12R	596.79	4.77	592.02
OMW-13R	601.50	8.91	592.59
OMW-14R	599.64	5.95	593.69
OMW-15	607.48	4.99	602.49
OMW-16R	607.62	4.12	603.50
SC-2	625.61	24.59	601.02
SC-3	638.72	>20.50[1]	<618.22[1]
SC-4	639.35	41.09	598.26
SC-5	634.07	>29.95[2]	<604.12[2]
SC-6	631.15	15.43	615.72
Shallow Bedrock			
CMW-1SH	576.11	12.03	564.08
CMW-2SH	590.51	18.31	572.20
CMW-3SH	581.91	32.79	549.12
CMW-4SH	574.16	7.64	566.52
CMW-5SH	583.36	7.33	576.03
CMW-6SH	572.05	9.89	562.16
CMW-7SH	610.58	11.40	599.18
CMW-8SH	615.95	7.19	608.76
CMW-9SH	571.96	12.13	559.83
CMW-11SH	573.21	8.14	565.07
CMW-12SH	597.02	25.33	571.69
Flow Zone 1			
G1U-01	617.08	14.71	602.37
G6-01	609.24	6.82	602.42
H2U-01	620.92	10.12	610.80
H5-01	617.61	21.15	596.46
I1-01	625.58	25.36	600.22

TABLE 1

WATER LEVEL ELEVATION SUMMARY
SECOND QUARTER - 2012
HYDE PARK RRT PROGRAM

Well	*Reference Elevation (ft AMSL)*	*Depth to Water (ft)*	*Water Level Elevation (ft AMSL)*
Flow Zone 2			
F2U-02	599.89	24.35	575.54
F4U-02	602.32	15.82	586.50
G1-02	616.86	24.86	592.00
G6-02	608.65	17.30	591.35
H2U-02	620.88	27.20	593.68
H5-02	617.47	23.84	593.63
I1-02	625.47	37.10	588.37
J2U-02	609.66	14.95	594.71
J5U-02	606.21	11.30	594.91
J6-02	609.23	14.42	594.81
Flow Zone 4			
AFW-2U-04	593.48	16.87	576.61
D1U-04	593.77	12.54	581.23
D2U-04	590.65	10.93	579.72
E6-04	578.23	13.39	564.84
F2U-04	599.76	21.77	577.99
F4U-04	602.19	15.41	586.78
F6-04	588.06	18.00	570.06
G1U-04	616.96	25.41	591.55
G6-04	609.15	17.36	591.79
H5-04	617.40	23.91	593.49
I1-04	625.30	39.12	586.18
J2U-04	609.42	17.02	592.40
J5U-04	606.05	19.54	586.51
J6-04	609.12	28.57	580.55
Flow Zone 5			
AFW-2U-05	593.33	16.71	576.62
AGW-1U-05	591.80	7.53	584.27
D1U-05	593.51	13.63	579.88
D2U-05	590.56	10.83	579.73
E6-05	578.04	11.51	566.53
F2U-05	599.64	21.47	578.17
F4U-05	602.06	16.61	585.45
F6-05	587.85	17.90	569.95
G6-05	609.13	19.18	589.95
H2M-05	621.59	27.97	593.62
H5-05	617.31	25.50	591.81
I1-05	625.25	67.89	557.36
J2U-05	609.30	30.88	578.42
J5U-05	605.87	27.44	578.43
J6-05	609.02	29.11	579.91
PMW-1U-05	598.00	20.00	578.00

TABLE 1

WATER LEVEL ELEVATION SUMMARY
SECOND QUARTER - 2012
HYDE PARK RRT PROGRAM

Well	*Reference Elevation (ft AMSL)*	*Depth to Water (ft)*	*Water Level Elevation (ft AMSL)*
Flow Zone 6			
ABP-7-06	575.78	Dry	Dry
AFW-1U-06	571.83	14.58	557.25
AFW-2U-06	593.22	48.03	545.19
AGW-1U-06	591.66	38.43	553.23
B2U-06	589.29	35.69	553.60
C3-06	585.78	Dry	Dry
D1U-06	593.25	45.89	547.36
D2U-06	590.38	42.89	547.49
E6-06	577.99	4.89	573.10
F2M-06	599.06	38.60	560.46
F4M-06	602.05	50.25	551.80
F6-06	587.84	14.73	573.11
G1M-06	616.75	43.49	573.26
G6-06	609.09	33.41	575.68
H2M-06	621.42	59.04	562.38
H5-06	617.17	29.37	587.80
I1-06	625.15	75.55	549.60
J2M-06	608.94	54.64	554.30
J5M-06	606.22	59.06	547.16
J6-06	608.93	52.78	556.15
PMW-1U-06	597.92	50.18	547.74
Flow Zone 7			
ABP-1-07	576.44	28.88	547.56
ABP-7-07	575.73	40.79	534.94
AFW-1M-07	571.41	Dry	Dry
AFW-2M-07	593.44	66.74	526.70
AGW-1M-07	592.91	36.77	556.14
B2M-07	589.52	45.09	544.43
C3-07	585.62	43.42	542.20
D1M-07	594.15	64.29	529.86
D2M-07	590.77	66.43	524.34
E6-07	577.91	23.34	554.57
F2M-07	598.91	80.43	518.48
F4M-07	601.91	72.49	529.42
F6-07	587.68	20.09	567.59
G1M-07	616.68	34.55	582.13
G6-07	609.06	26.89	582.17
H5-07	617.05	62.15	554.90
I1-07	625.14	70.38	554.76
J5M-07	606.07	50.43	555.64
J6-07	608.85	53.93	554.92
PMW-1M-07	598.50	65.18	533.32

TABLE 1

WATER LEVEL ELEVATION SUMMARY
SECOND QUARTER - 2012
HYDE PARK RRT PROGRAM

Well	*Reference Elevation (ft AMSL)*	*Depth to Water (ft)*	*Water Level Elevation (ft AMSL)*
Flow Zone 9			
ABP-1-09	575.49	40.52	534.97
ABP-7-09	575.67	41.09	534.58
AFW-1M-09	571.12	45.34	525.78
AFW-2M-09	593.32	72.09	521.23
AGW-1M-09	592.75	36.81	555.94
B2M-09	589.34	68.59	520.75
C3-09	585.00	44.38	540.62
D1M-09	594.02	75.84	518.18
D2M-09	590.66	72.74	517.92
E6-09	577.82	23.83	553.99
F2M-09	598.71	80.95	517.76
F4M-09	601.79	84.13	517.66
F6-09	587.53	4.28	583.25
G1M-09	616.58	36.50	580.08
G6-09	608.98	26.07	582.91
H2M-09	621.32	67.33	553.99
H5-09	616.93	62.66	554.27
I1-09	624.91	61.48	563.43
J2M-09	608.77	54.03	554.74
J5M-09	605.82	50.56	555.26
J6-09	608.76	41.13	567.63
PMW-1M-09	598.34	80.43	517.91
Flow Zone 11			
AFW-1L-11	572.10	63.59	508.51
AFW-2L-11	593.43	97.23	496.20
AGW-1L-11	592.71	17.27	575.44
B2L-11	589.65	91.31	498.34
D1L-11	593.80	89.41	504.39
D2L-11	590.21	70.97	519.24
E6-11	577.72	44.37	533.35
F2L-11	598.94	40.49	558.45
F4L-11	602.22	34.79	567.43
F6-11	587.40	58.66	528.74
G1L-11	616.84	51.82	565.02
G6-11	608.89	39.97	568.92
H2L-11	620.73	62.11	558.62
H5-11	616.81	66.18	550.63
I1-11	624.75	77.09	547.66
J5L-11	607.20	56.53	550.67
J6-11	608.68	24.19	584.49
PMW-1L-11	598.84	88.92	509.92

Notes
ft AMSL - Feet Above Mean Sea Level.
Dry - No water present at the time of measurement.
(1) Well obstructed at 20.50 feet.
(2) Well obstructed at 29.95 feet.

TABLE 2

LEACHATE TREATMENT SYSTEM DAILY EFFLUENT MONITORING DATA
SECOND QUARTER - 2012
HYDE PARK RRT PROGRAM

	Effluent		
Date	*Phenol (mg/L)*	*pH (su)*	*Flow (gal)*
04/02/12	-	6.80	351,000
04/03/12	-	6.90	86,000
04/04/12	0.010 U	6.90	108,000
04/09/12	-	6.90	369,000
04/10/12	-	6.90	141,000
04/11/12	0.010 U	7.00	83,000
04/12/12	-	7.00	68,000
04/13/12	-	6.90	78,000
04/16/12	-	6.90	133,000
04/17/12	-	6.90	147,000
04/18/12	0.010 U	6.80	63,000
04/19/12	-	6.90	78,000
04/20/12	-	6.90	69,000
04/23/12	-	6.80	150,000
04/24/12	-	6.90	140,000
04/25/12	0.010 U	6.90	280,000
04/26/12	-	6.90	148,000
04/27/12	-	6.90	132,000
04/30/12	-	6.80	329,000
05/01/12	-	6.60	150,000
05/02/12	0.010 U	6.60	150,000
05/03/12	-	6.90	148,000
05/04/12	-	6.50	106,000
05/07/12	-	6.70	297,000
05/08/12	-	6.70	139,000
05/09/12	0.036	6.50	146,000
05/10/12	-	6.60	144,000
05/11/12	-	6.80	139,000
05/14/12	-	6.70	283,000
05/15/12	-	6.70	122,000
05/16/12	0.010 U	6.70	78,000
05/17/12	-	6.70	84,000
05/18/12	-	6.70	78,000
05/21/12	-	6.60	143,000
05/22/12	-	6.70	131,000
05/23/12	-	6.90	73,000
05/24/12	-	7.30	67,000
05/25/12	-	7.20	59,000
05/29/12	-	7.50	146,000
05/30/12	0.019	7.40	140,000
05/31/12	-	7.30	79,000
06/01/12	-	7.40	57,000
06/04/12	-	7.50	140,000
06/05/12	-	7.50	123,000
06/06/12	0.010 U	7.50	46,000
06/07/12	-	7.60	58,000
06/08/12	-	7.60	56,000
06/11/12	-	7.60	126,000
06/12/12	-	7.60	107,000
06/13/12	0.010 U	7.00	50,000
06/14/12	-	7.70	62,000
06/15/12	-	7.60	43,000
06/18/12	-	7.60	133,000
06/20/12	0.010 U	7.80	129,000
06/21/12	-	7.70	62,000
06/25/12	-	7.70	153,000
06/26/12	-	7.70	65,000
06/27/12	0.010 U	7.80	24,000
06/28/12	-	7.40	95,000

Notes:
gal Gallons.
mg/L Milligram per liter.
su Standard unit.
U Non-detect at associated value.
- Not available.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SECOND QUARTER - 2012
HYDE PARK RRT PROGRAM

Effluent

Parameter	*Units*	*04/04/12*	*04/11/12*	*04/18/12*	*04/25/12*	*05/02/12*	*05/09/12*	*05/16/12*	*05/30/12*
Volatiles									
1,1,1-Trichloroethane	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Chlorotoluene	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
3-Chlorotoluene	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Chlorotoluene	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Benzene	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl Bromide)	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	10 U	13 U	13 U	13 U	1.0 U	0.43 J	1.0 U	1.0 U
Carbon tetrachloride	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	10 U	13 U	13 U	13 U	1.0 U	0.24 J	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl Chloride)	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	10 U	13 U	13 U	13 U	0.80 J	0.95 J	0.96 J	1.2
cis-1,3-Dichloropropene	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	7.6 J	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
m-Monochlorobenzotrifluoride	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
o-Monochlorobenzotrifluoride	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
p-Monochlorobenzotrifluoride	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl acetate	µg/L	10 U	13 U	13 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	130	210	210	200	160	220	160	230
Xylenes (total)	µg/L	30 U	38 U	38 U	38 U	3.0 U	3.0 U	3.0 U	3.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SECOND QUARTER - 2012
HYDE PARK RRT PROGRAM

Effluent

Parameter	*Units*	*06/06/12*	*06/13/12*	*06/20/12*	*06/27/12*
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Chlorotoluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
3-Chlorotoluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
4-Chlorotoluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl Bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	0.22 J	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl Chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	0.90 J	1.2	1.0	1.2
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	0.16 J	1.0 U	1.0 U	1.0 U
m-Monochlorobenzotrifluoride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
o-Monochlorobenzotrifluoride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
p-Monochlorobenzotrifluoride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl acetate	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	180	200	240	240
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U

Notes:

J	Estimated at associated value.
U	Non-detect at associated value.
µg/L	Microgram per liter.

TABLE 4

ANALYTICAL RESULTS SUMMARY
SECOND QUARTER - 2012
HYDE PARK RRT PROGRAM

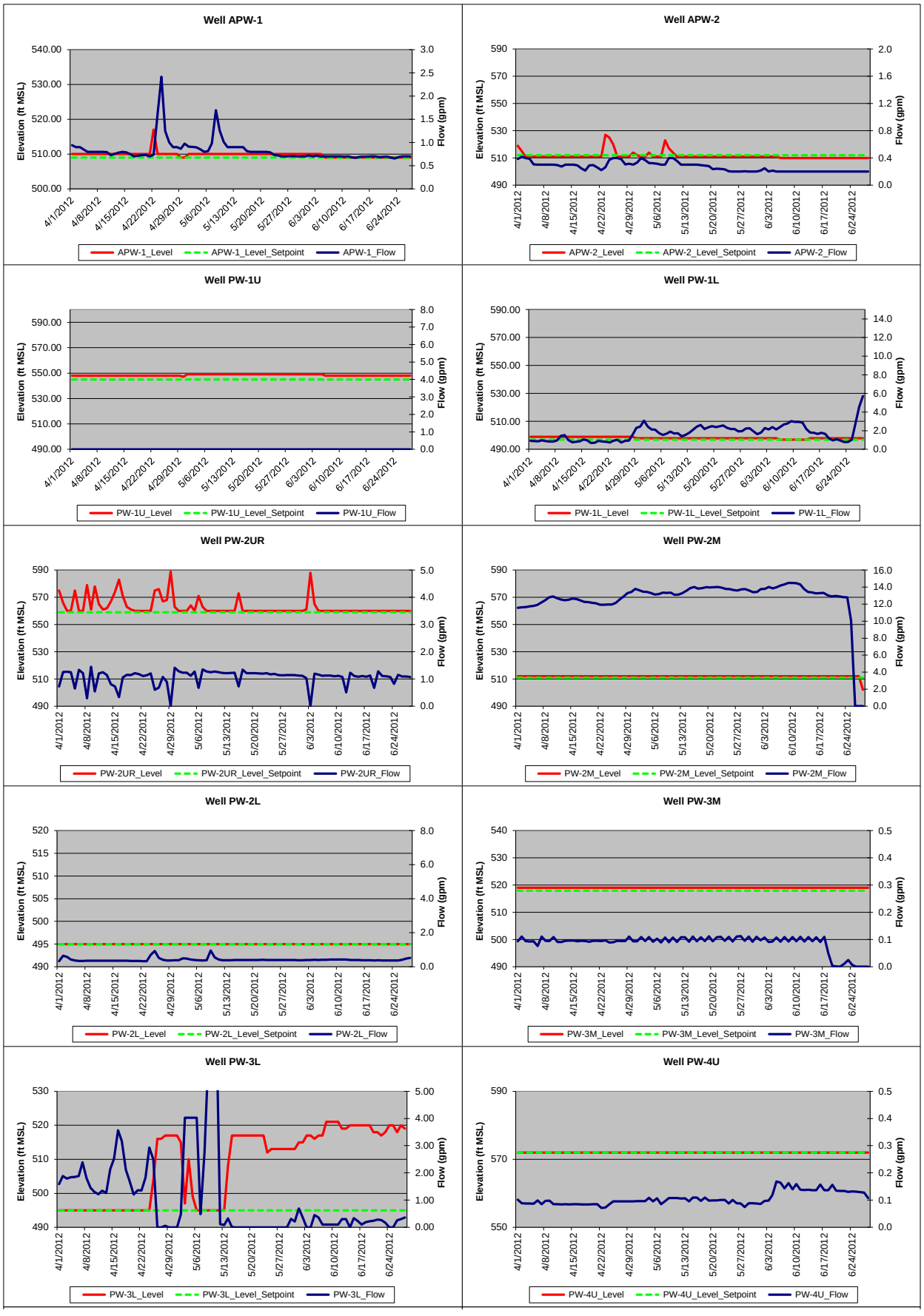
Effluent

	Sample ID:	*HP22212 EFF*
	Sample Date:	*04/04/12*
Parameter	***Units***	
Phosphorus, Total	mg/L	0.16
Vinyl chloride	µg/L	130

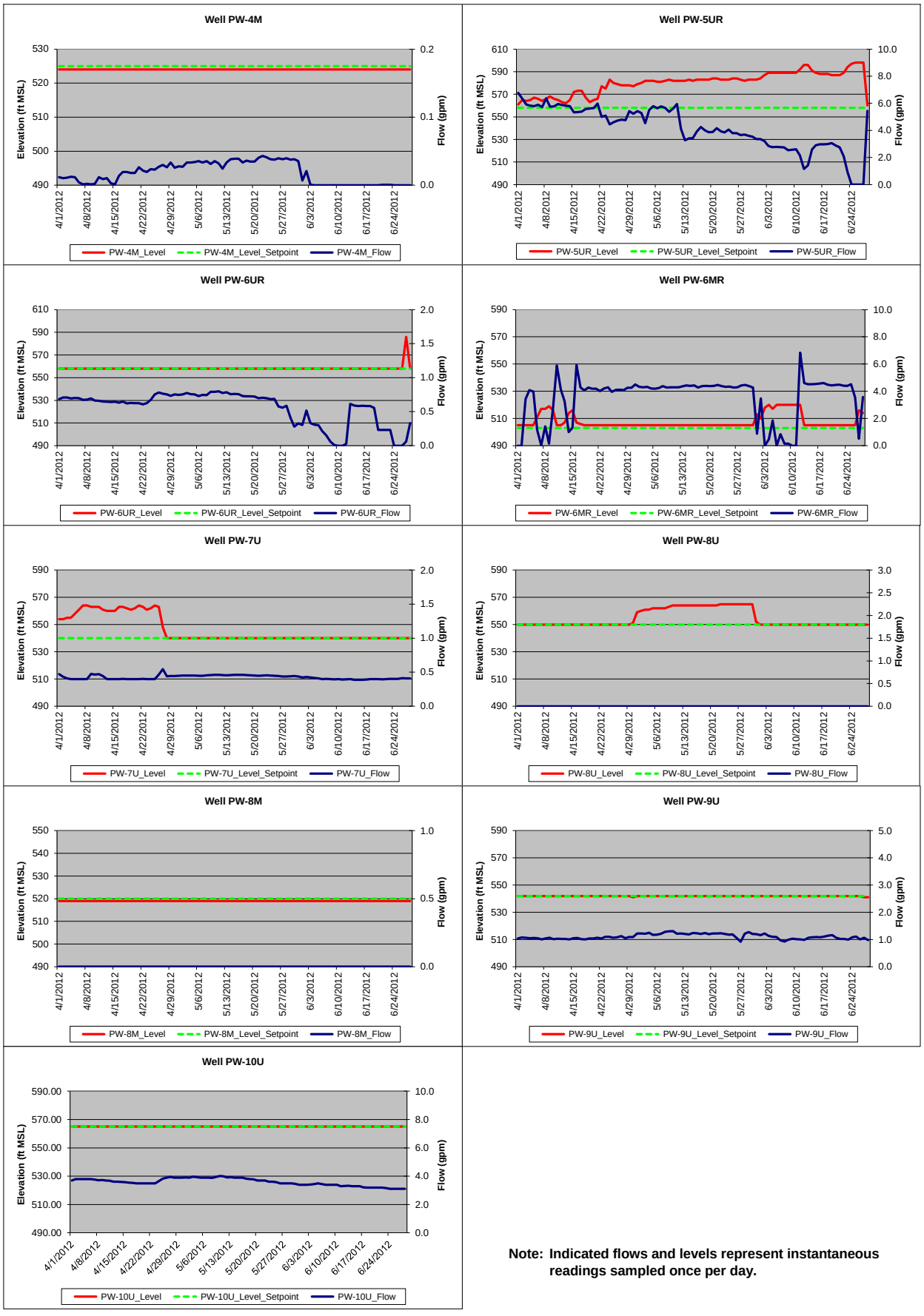
Notes:
mg/L Milligrams per liter.
µg/L Micrograms per liter.

ATTACHMENT 1

Attachment 1
2nd Quarter 2012 - Pumping levels and Flows
Hyde Park



Attachment 1
2nd Quarter 2012 - Pumping levels and Flows
Hyde Park



Note: Indicated flows and levels represent instantaneous readings sampled once per day.