



Glenn Springs Holdings, Inc.

A subsidiary of Occidental Petroleum

Clint Babcock
Project Manager
Direct Dial (972) 687-7506

5005 LBJ Freeway, Suite 1350
Dallas, TX 75244-6119
Facsimile (972) 687-7524

October 29, 2009

Reference No. 001069

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

Mr. Will Welling
New York State Department of Conservation
Remedial Bureau D, 12th Floor
625 Broadway
Albany, NY 12233-7013

Dear Ms. Sosa and Mr. Welling:

Re: **Quarterly Operations Report - Third Quarter 2009**
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 July 1, 2009 through September 31, 2009. A total of 6.2 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) permit; no non-aqueous phase liquid (NAPL) was shipped for incineration. The potentiometric contours are consistent with previous interpretations. Flow zones 6, 7, and 9 have large 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

Review of the pumping wells graph data in Attachment 1 indicates that there may be communication issues or pumping issues in some of the pumping wells. As a result of the data review, the wells were checked and fuses were replaced or breakers were reset. The wells are now functioning properly.

Pumping wells PW-2M, PW-3L, PW-6MR, and PW-8M had blown fuses that needed to be replaced. These fuses were replaced, and these wells are now functioning properly.

The probe in pumping well PW-3M had slipped from its setting in the well. The probe has been reset, and the well is now functioning properly.

As a result of the repairs conducted this quarter, an evaluation of the communication systems and pumps at all the pumping wells shown in Attachment 1 will be conducted on a monthly basis and will include, but not be limited to, the following:

October 29, 2009

Reference No. 001069

- 2 -

1. Comparison of the control computer readings (water levels and pumping rates) to manual field measurements at each well
2. Repairs/maintenance conducted as necessary

All necessary steps will be taken to ensure that any problems with these wells are identified and corrected as they occur and that the wells function as designed.

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 972-687-7506 or by email at clint_babcock@oxy.com.

Very truly yours,

GLENN SPRINGS HOLDINGS, INC.



Clint Babcock
Project Manager



Ralph Schupp
Operations Coordinator

CB/JP/adh/27

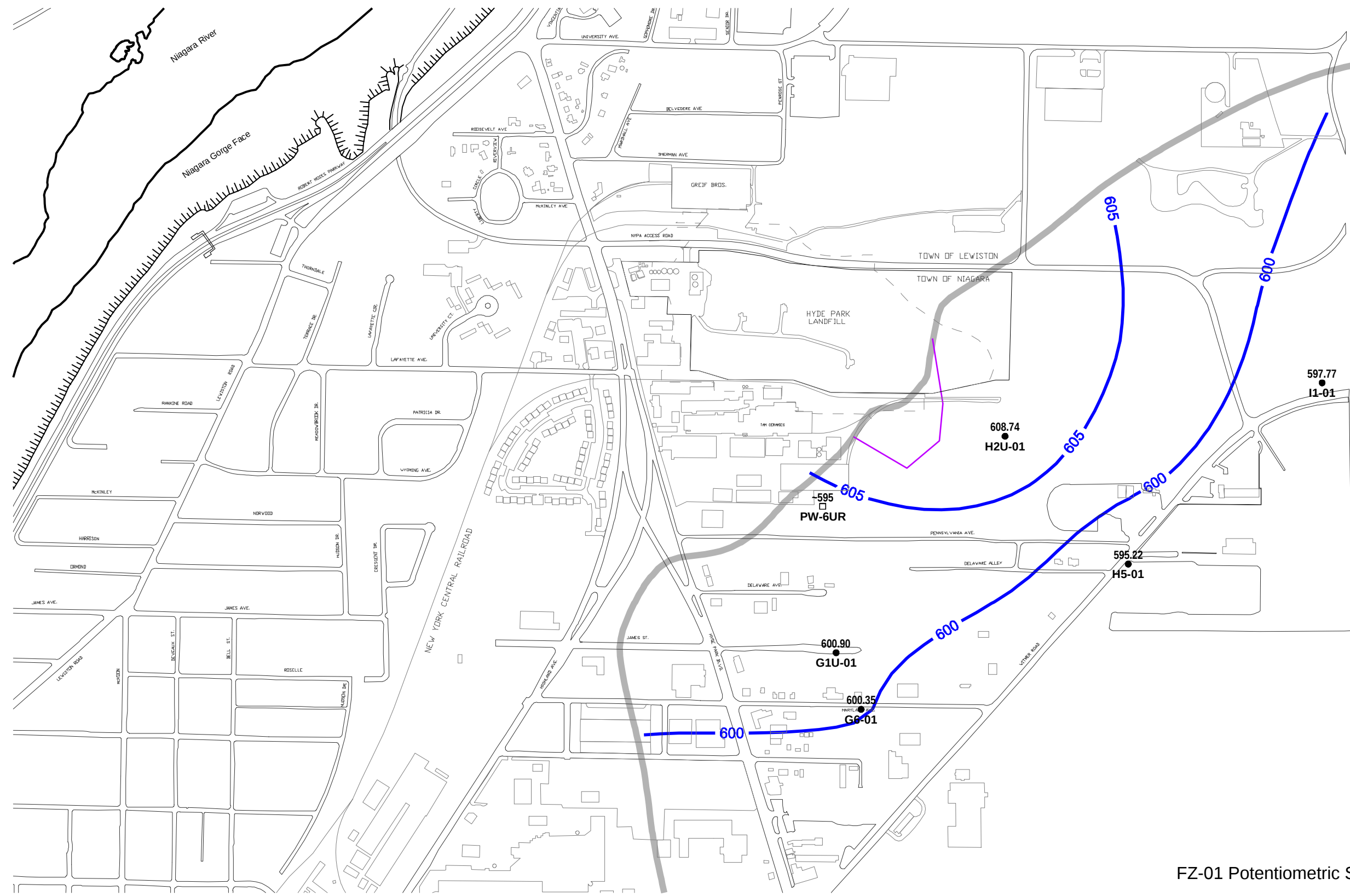
Encl.

c.c.: M. Anderson, GSH - 1*
M. Forcucci, NYSDOH - 1*
D. Hoyt, CRA - 1
J. Pentilchuk, CRA - 1

T. Raby, AECOM Environmental - 1*
B. Sadowski, NYSDEC - CD Only
G. Sosa, USEPA - 4*
W. Welling, NYSDEC - 1*

*Include 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

Tilde indicates the flow zone elevation in a dewatered piezometer or purge well. Contours within the dewatered area are approximately the elevation of the flow zone.

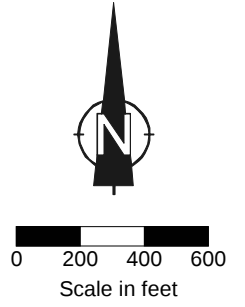
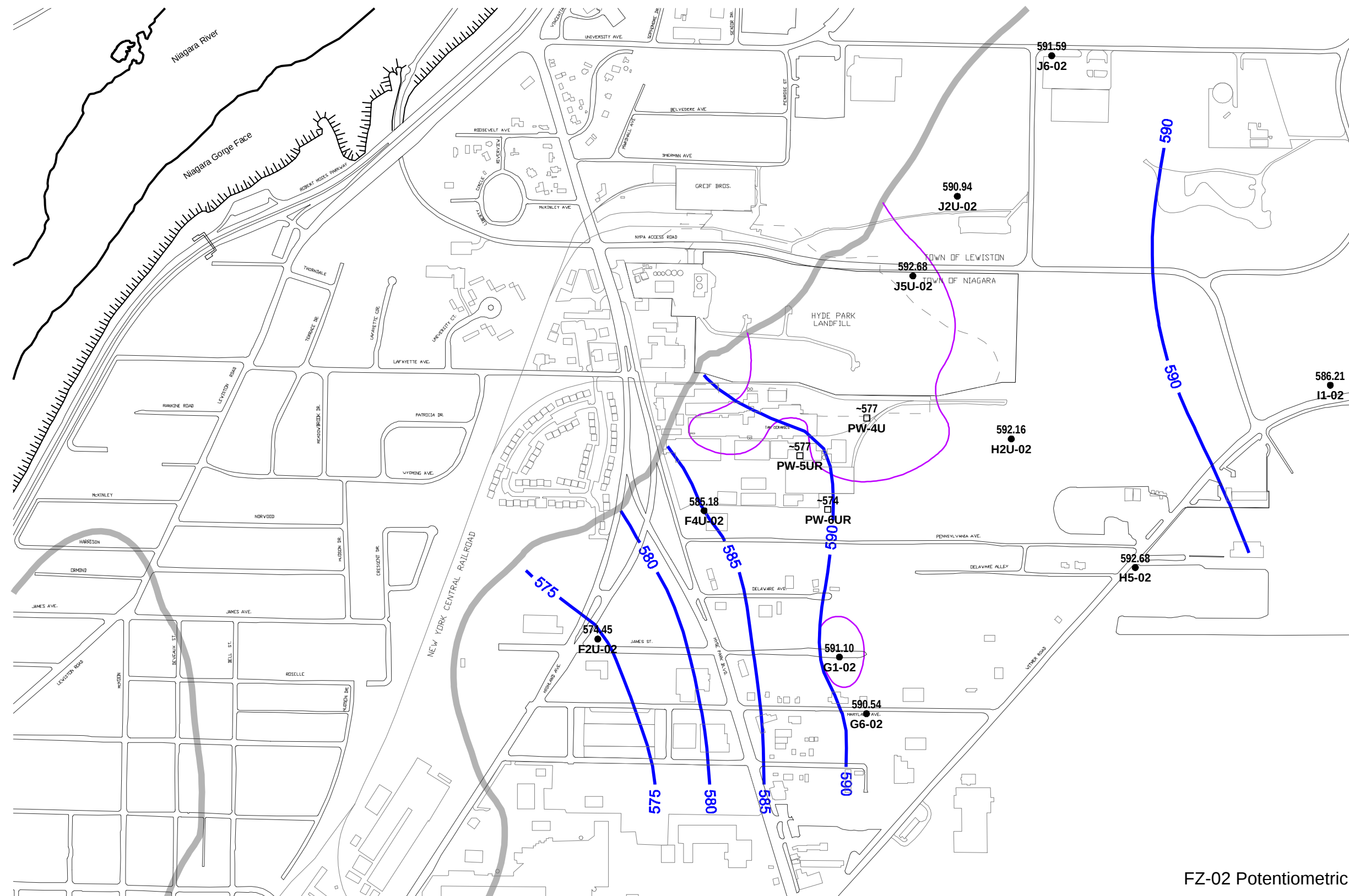


figure 1
FZ-01 Potentiometric Surface September 2009
3rd Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York



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

Tilde indicates the flow zone elevation in a dewatered piezometer or purge well. Contours within the dewatered area are approximately the elevation of the flow zone.

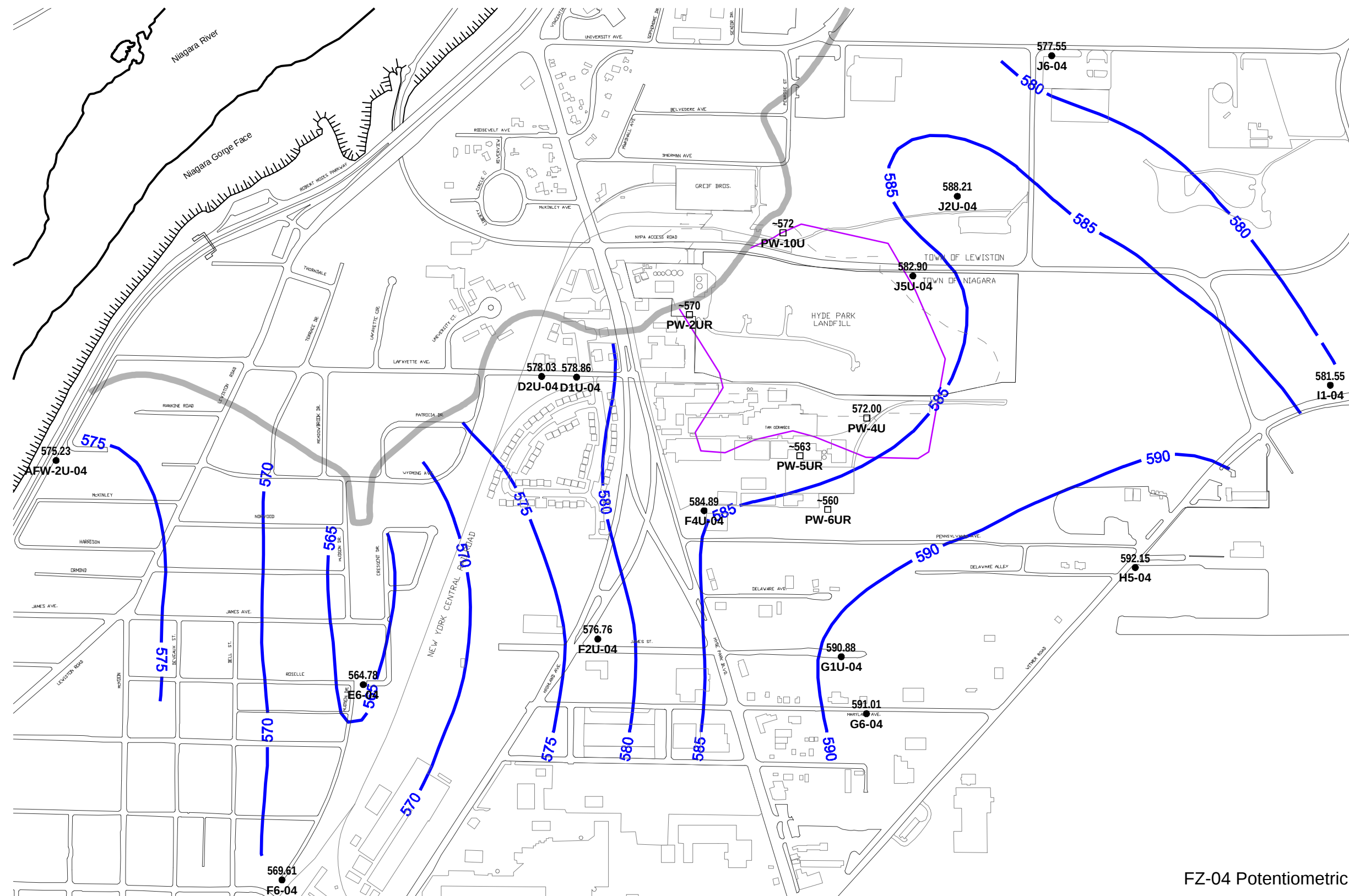
~ 525

Scale in feet

0 200 400 600

North Arrow

figure 2
 FZ-02 Potentiometric Surface September 2009
 3rd 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

Tilde indicates the flow zone elevation in a dewatered piezometer or purge well. Contours within the dewatered area are approximately the elevation of the flow zone.

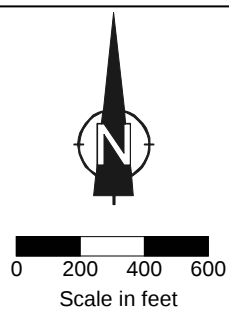
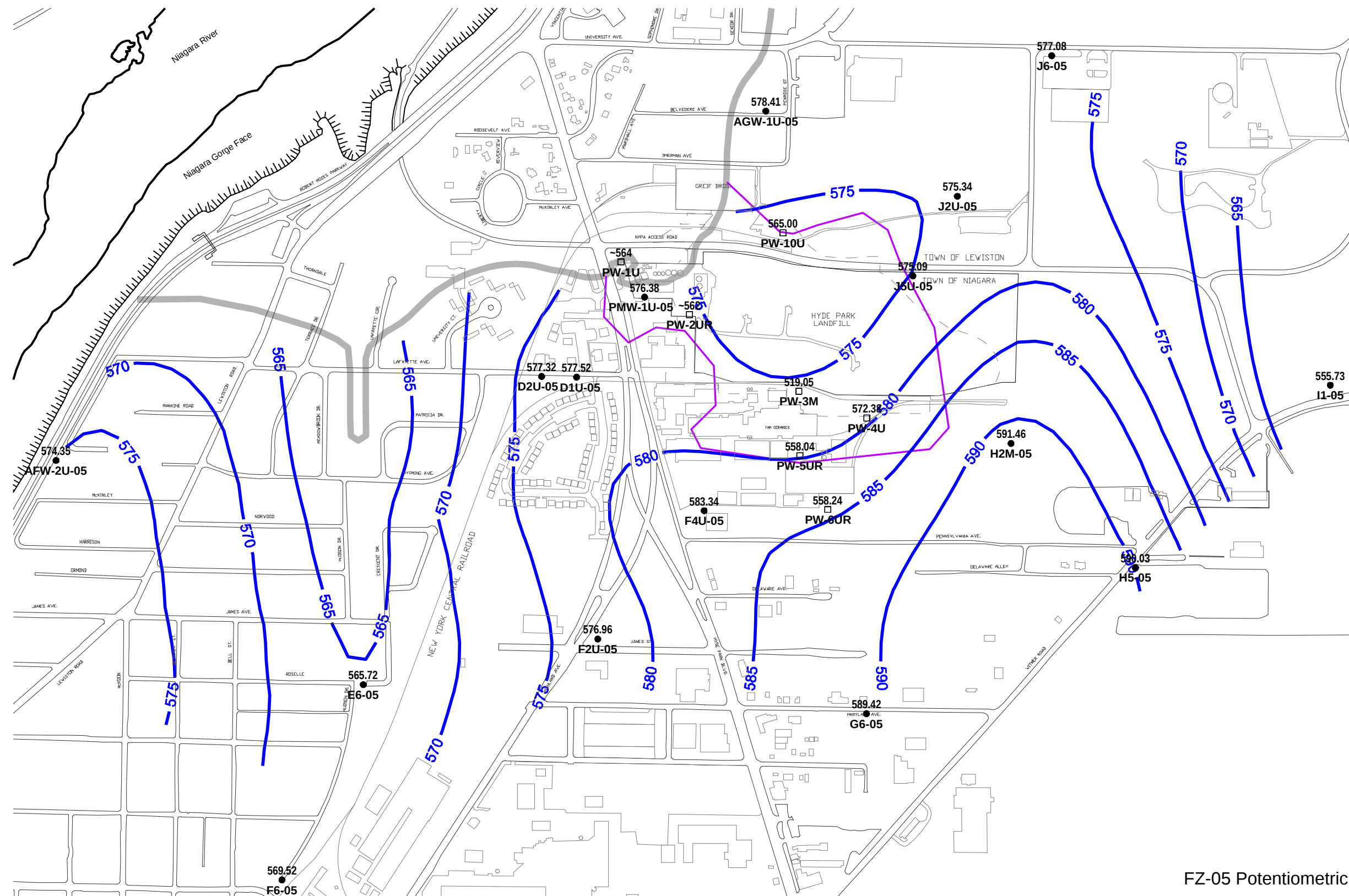


figure 3
FZ-04 Potentiometric Surface September 2009
3rd Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York



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

Tilde indicates the flow zone elevation in a dewatered piezometer or purge well. Contours within the dewatered area are approximately the elevation of the flow zone.

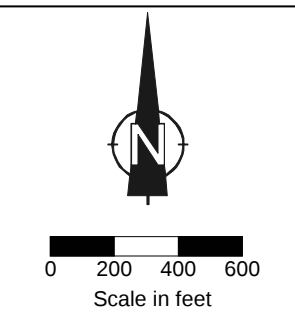
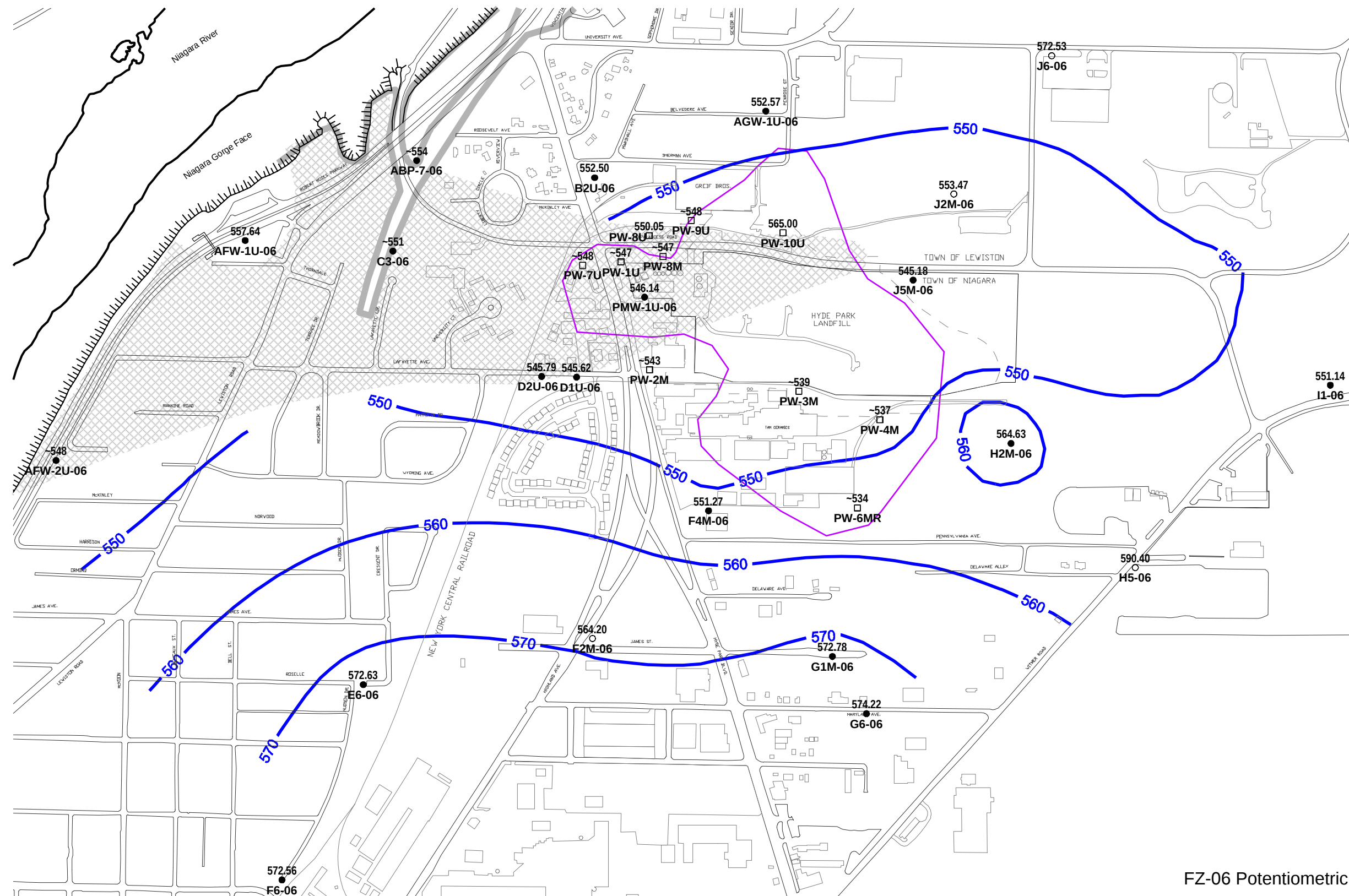


figure 4
FZ-05 Potentiometric Surface September 2009
3rd Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York



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

Tilde indicates the flow zone elevation in a dewatered piezometer or purge well. Contours within the dewatered area are approximately the elevation of the flow zone.

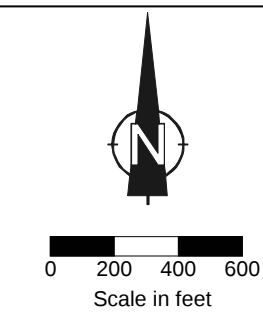
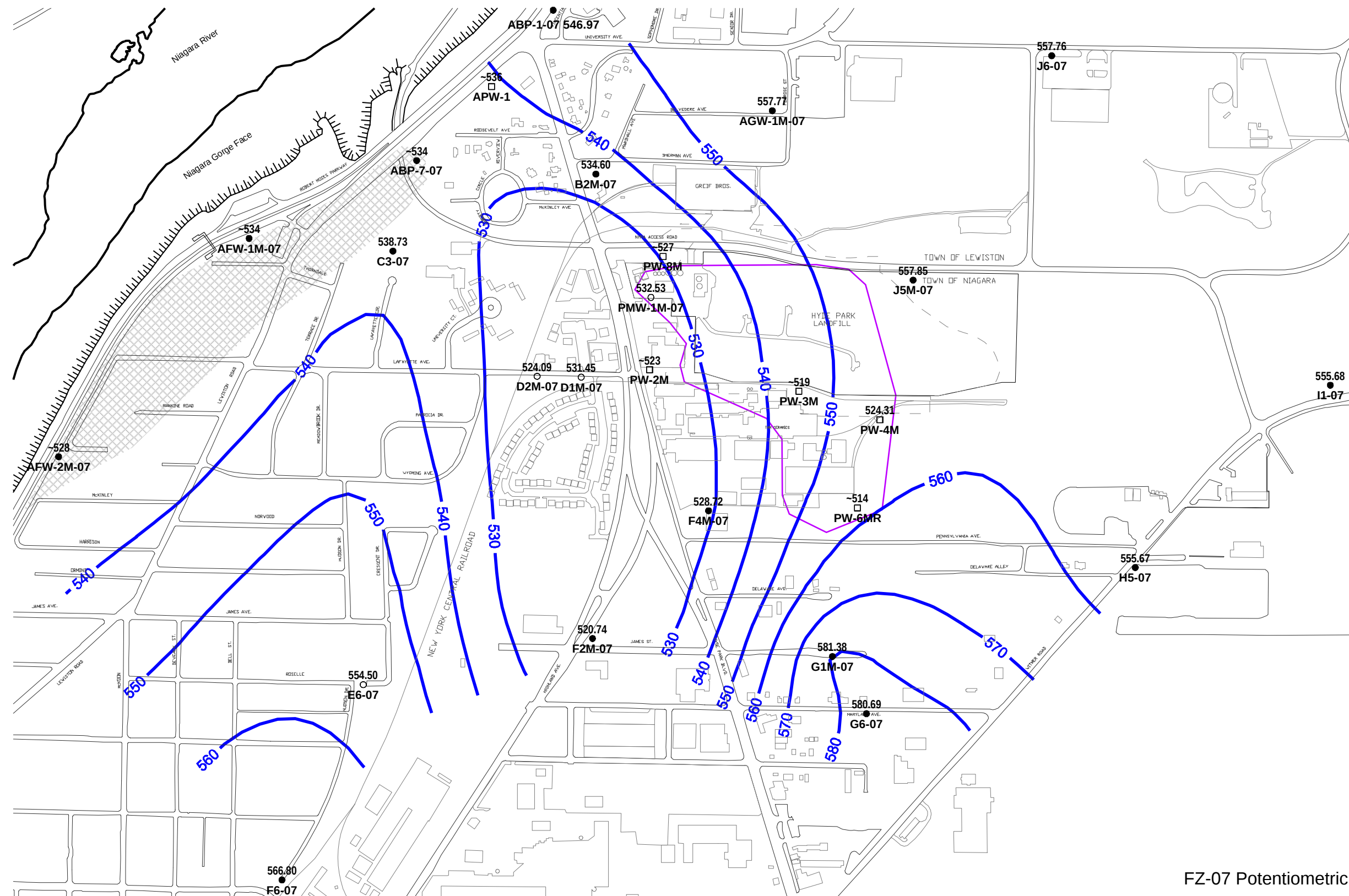


figure 5
 FZ-06 Potentiometric Surface September 2009
 3rd Quarter Report
 Hyde Park Landfill Site
 Glenn Springs Holdings, Inc.
 Niagara Falls, New York



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

Tilde indicates the flow zone elevation in a dewatered piezometer or purge well. Contours within the dewatered area are approximately the elevation of the flow zone.

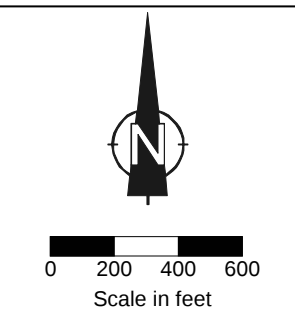
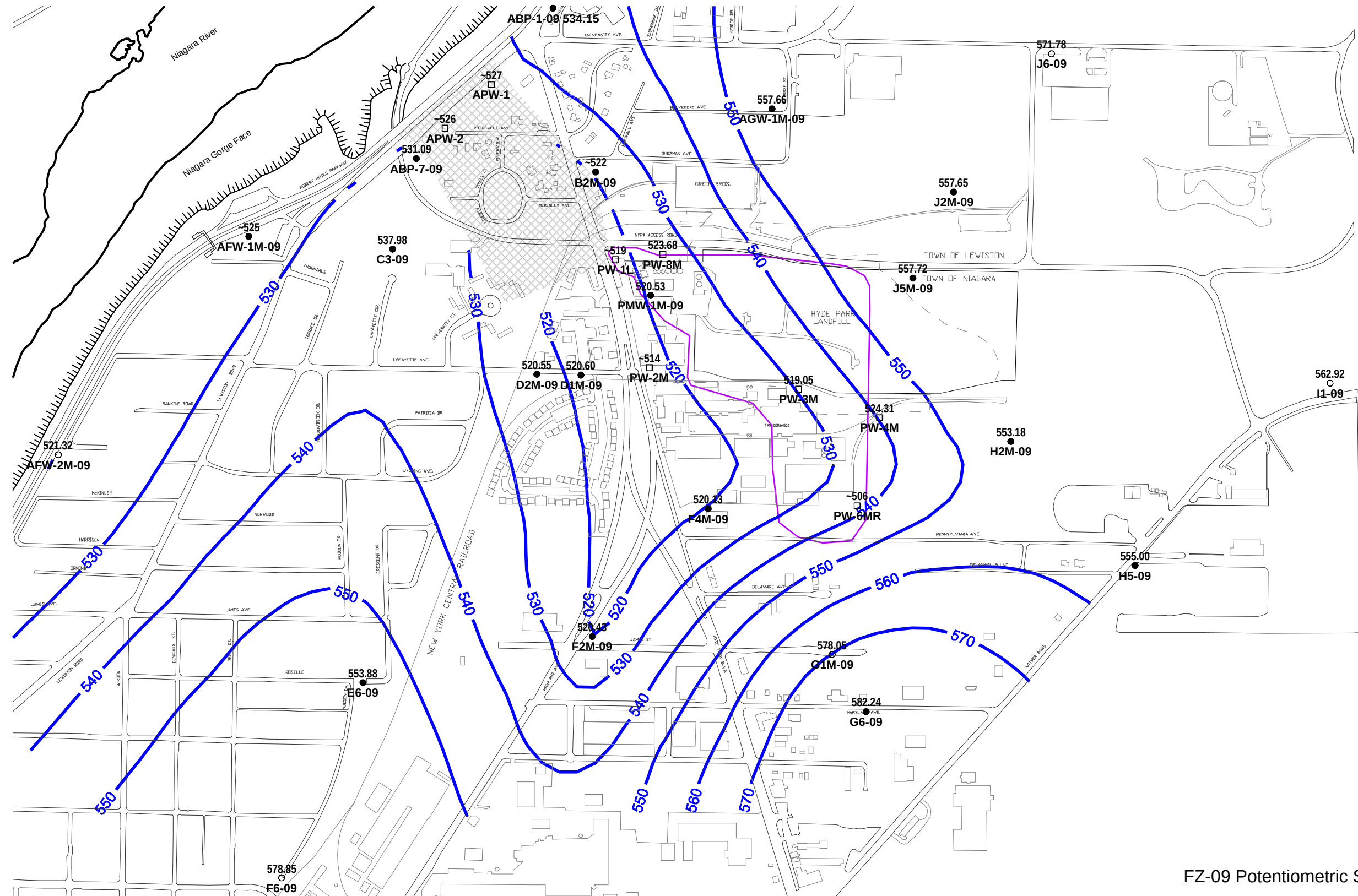


figure 6
FZ-07 Potentiometric Surface September 2009
3rd Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York



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

Tilde indicates the flow zone elevation in a dewatered piezometer or purge well. Contours within the dewatered area are approximately the elevation of the flow zone.

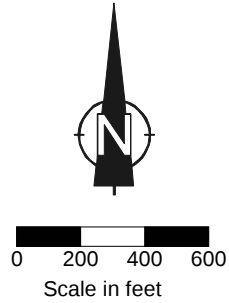
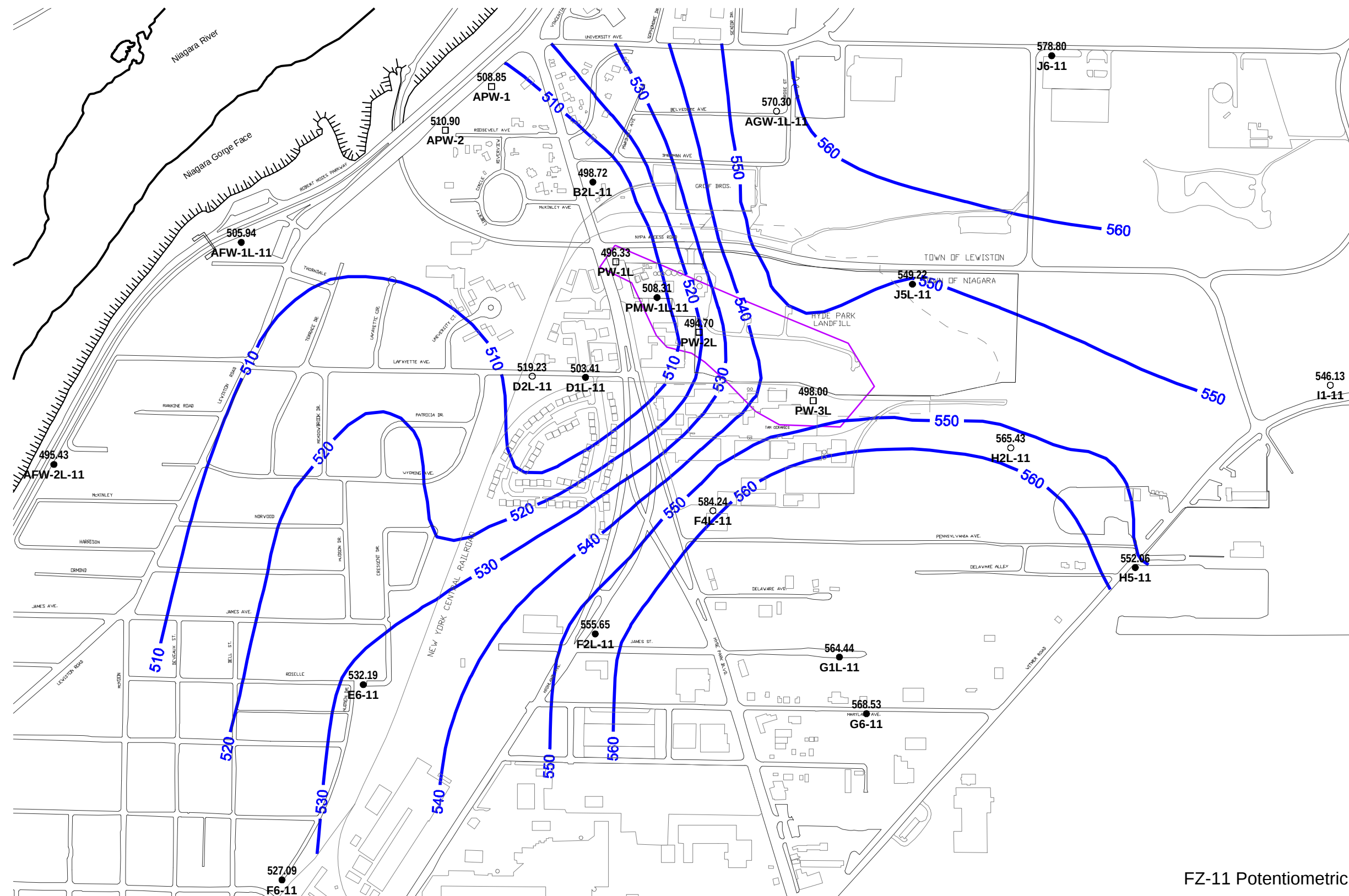


figure 7
 FZ-09 Potentiometric Surface September 2009
 3rd Quarter Report
 Hyde Park Landfill Site
 Glenn Springs Holdings, Inc.
 Niagara Falls, New York



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

Tilde indicates the flow zone elevation in a dewatered piezometer or purge well. Contours within the dewatered area are approximately the elevation of the flow zone.

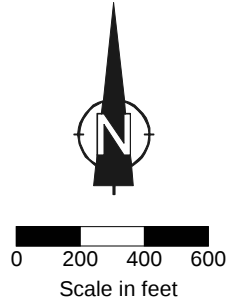


figure 8
 FZ-11 Potentiometric Surface September 2009
 3rd Quarter Report
 Hyde Park Landfill Site
 Glenn Springs Holdings, Inc.
 Niagara Falls, New York

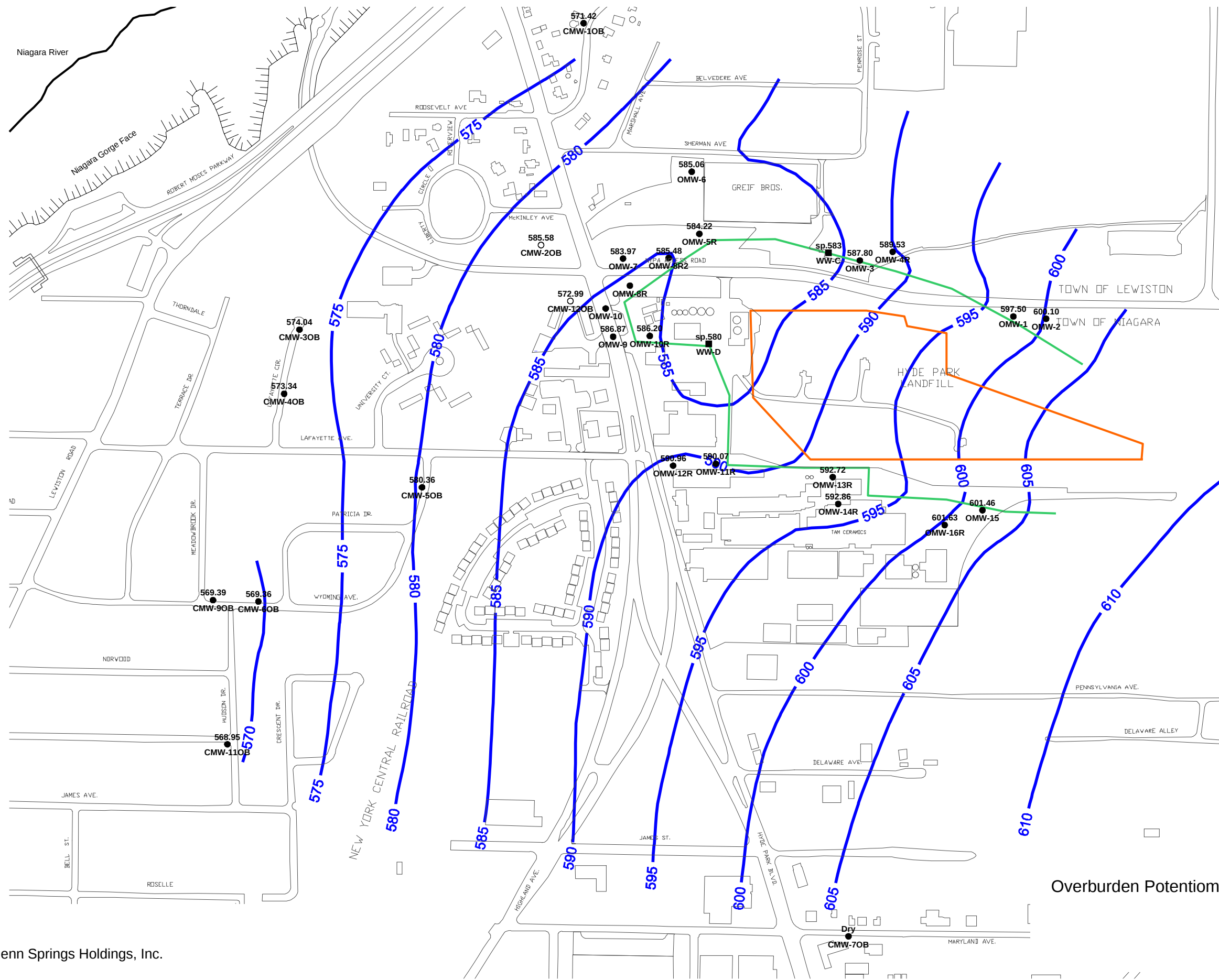


figure 9
Overburden Potentiometric Surface September 2009
3rd Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York

PMW-1M-09 3rd Quarter 2009 - Hourly Water Level Elevation

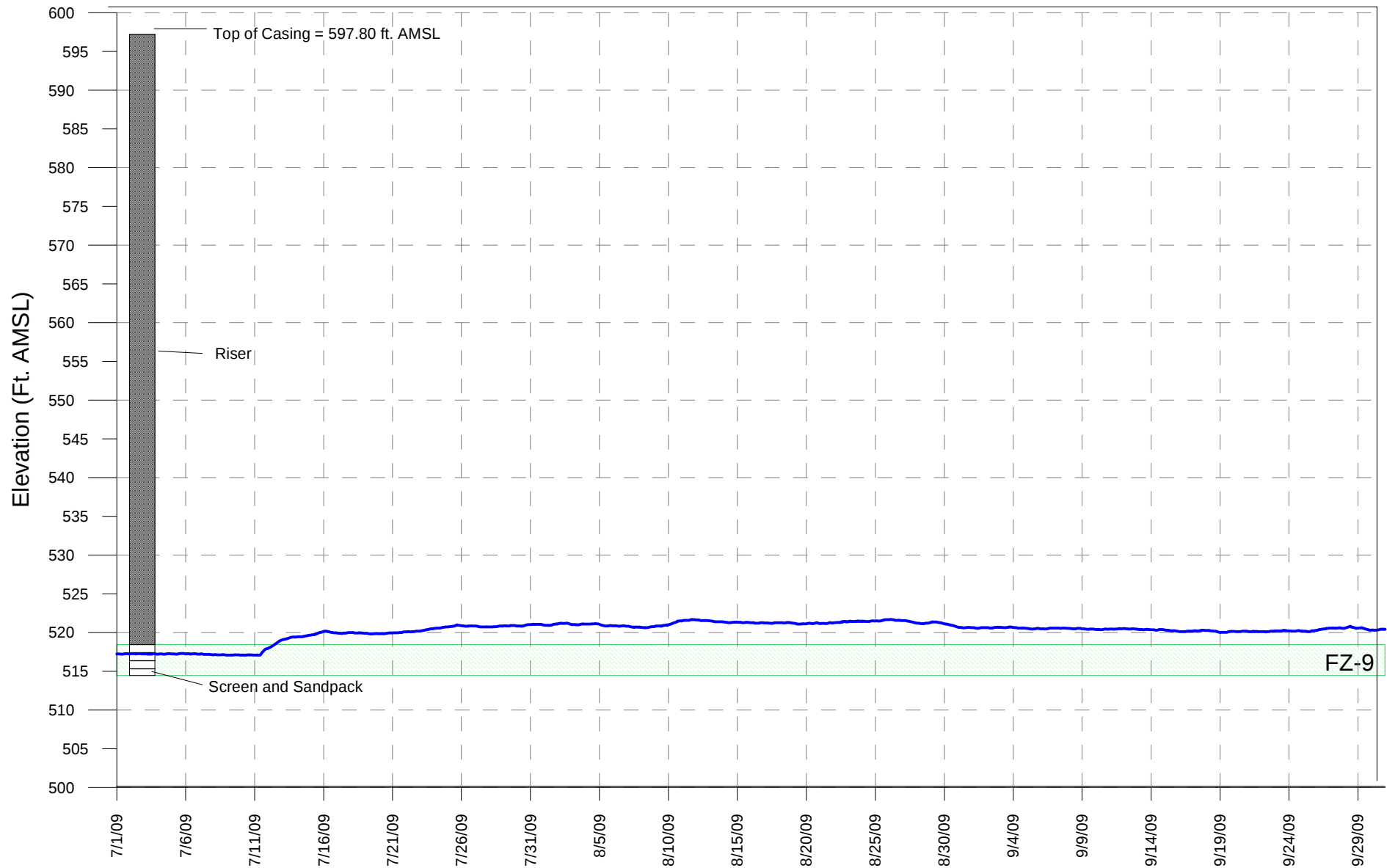


figure 10

TABLES

WATER LEVEL ELEVATION SUMMARY
THIRD QUARTER - 2009
HYDE PARK RRT PROGRAM

<i>Well</i>	<i>Reference Elevation (ft AMSL)</i>	<i>Depth to Water (ft)</i>	<i>Water Level Elevation (ft AMSL)</i>
Overburden			
CMW-2OB	590.79	5.21	585.58
CMW-3OB	582.13	8.09	574.04
CMW-4OB	574.28	0.94	573.34
CMW-5OB	583.43	3.07	580.36
CMW-6OB	571.89	2.53	569.36
CMW-7OB	611.00	Dry	-
CMW-8OB	616.11	Dry	-
CMW-9OB	571.76	2.37	569.39
CMW-10B	576.80	5.38	571.42
CMW-11OB	572.85	3.90	568.95
CMW-12OB	594.74	21.75	572.99
OMW-1	605.28	7.78	597.50
OMW-2	605.99	5.89	600.10
OMW-3	598.63	10.83	587.80
OMW-4R	601.17	11.64	589.53
OMW-5R	591.31	7.09	584.22
OMW-6	587.62	2.56	585.06
OMW-7	592.74	8.77	583.97
OMW-8R2	594.67	9.19	585.48
OMW-9	595.52	8.65	586.87
OMW-10R	595.13	8.93	586.20
OMW-11R	597.52	7.45	590.07
OMW-12R	596.79	5.83	590.96
OMW-13R	601.50	8.78	592.72
OMW-14R	599.64	6.78	592.86
OMW-15	607.48	6.02	601.46
OMW-16R	607.62	5.99	601.63
SC-2	625.61	19.60	606.01
SC-3	638.72	33.00	605.72
SC-4	639.35	19.10	620.25
SC-5	634.07	Dry	-
SC-6	631.15	16.10	615.05
Shallow Bedrock			
CMW-1SH	576.11	12.82	563.29
CMW-2SH	590.51	20.73	569.78
CMW-3SH	581.91	30.72	551.19
CMW-4SH	574.16	8.60	565.56
CMW-5SH	583.36	8.52	574.84
CMW-6SH	572.05	10.50	561.55
CMW-7SH	610.58	12.17	598.41
CMW-8SH	615.95	9.55	606.40
CMW-9SH	571.96	12.24	559.72
CMW-11SH	573.21	8.54	564.67
CMW-12SH	597.02	28.31	568.71
Flow Zone 1			
G1U-01	617.08	16.18	600.90
G6-01	609.24	8.89	600.35
H2U-01	620.92	12.18	608.74
H5-01	617.61	22.39	595.22
I1-01	621.55	23.78	597.77

TABLE 1

WATER LEVEL ELEVATION SUMMARY
THIRD QUARTER - 2009
HYDE PARK RRT PROGRAM

<i>Well</i>	<i>Reference Elevation (ft AMSL)</i>	<i>Depth to Water (ft)</i>	<i>Water Level Elevation (ft AMSL)</i>
Flow Zone 2			
F2U-02	599.89	25.44	574.45
F4U-02	602.32	17.14	585.18
G1-02	616.86	25.76	591.10
G6-02	608.65	18.11	590.54
H2U-02	620.88	28.72	592.16
H5-02	617.47	24.79	592.68
I1-02	621.42	35.21	586.21
J2U-02	609.66	18.72	590.94
J5U-02	606.21	13.53	592.68
J6-02	609.23	17.64	591.59
Flow Zone 4			
AFW-2U-04	593.48	18.25	575.23
D1U-04	593.77	14.91	578.86
D2U-04	590.65	12.62	578.03
E6-04	578.23	13.45	564.78
F2U-04	599.76	23.00	576.76
F4U-04	602.19	17.30	584.89
F6-04	588.06	18.45	569.61
G1U-04	616.96	26.08	590.88
G6-04	609.15	18.14	591.01
H5-04	617.40	25.25	592.15
I1-04	621.31	39.76	581.55
J2U-04	609.42	21.21	588.21
J5U-04	606.05	23.15	582.90
J6-04	609.12	31.57	577.55
Flow Zone 5			
AFW-2U-05	593.33	18.98	574.35
AGW-1U-05	591.80	13.39	578.41
D1U-05	593.51	15.99	577.52
D2U-05	590.56	13.24	577.32
E6-05	578.04	12.32	565.72
F2U-05	599.64	22.68	576.96
F4U-05	602.06	18.72	583.34
F6-05	587.85	18.33	569.52
G6-05	609.13	19.71	589.42
H2M-05	621.59	30.13	591.46
H5-05	617.31	27.28	590.03
I1-05	621.21	65.48	555.73
J2U-05	609.30	33.96	575.34
J5U-05	605.87	30.78	575.09
J6-05	609.02	31.94	577.08
PMW-1U-05	598.00	21.62	576.38

TABLE 1

WATER LEVEL ELEVATION SUMMARY
THIRD QUARTER - 2009
HYDE PARK RRT PROGRAM

<i>Well</i>	<i>Reference Elevation (ft AMSL)</i>	<i>Depth to Water (ft)</i>	<i>Water Level Elevation (ft AMSL)</i>
Flow Zone 6			
ABP-7-06	575.78	Dry	-
AFW-1U-06	571.83	14.19	557.64
AFW-2U-06	593.22	48.16	545.06
AGW-1U-06	591.66	39.09	552.57
B2U-06	589.29	36.79	552.50
C3-06	585.78	Dry	-
D1U-06	593.25	47.63	545.62
D2U-06	590.38	44.59	545.79
E6-06	577.99	5.36	572.63
F2M-06	599.06	34.86	564.20
F4M-06	602.05	50.78	551.27
F6-06	587.84	15.28	572.56
G1M-06	616.75	43.97	572.78
G6-06	609.09	34.87	574.22
H2M-06	621.42	56.79	564.63
H5-06	617.17	26.77	590.40
I1-06	621.08	69.94	551.14
J2M-06	608.94	55.47	553.47
J5M-06	606.22	61.04	545.18
J6-06	608.93	36.40	572.53
PMW-1U-06	597.92	51.78	546.14
Flow Zone 7			
ABP-1-07	576.44	29.47	546.97
ABP-7-07	575.73	42.40	533.33
AFW-1M-07	571.41	Dry	-
AFW-2M-07	593.44	66.85	526.59
AGW-1M-07	592.91	35.14	557.77
B2M-07	589.52	54.92	534.60
C3-07	585.62	46.89	538.73
D1M-07	594.15	62.70	531.45
D2M-07	590.77	66.68	524.09
E6-07	577.91	23.41	554.50
F2M-07	598.91	78.17	520.74
F4M-07	601.91	73.19	528.72
F6-07	587.68	20.88	566.80
G1M-07	616.68	35.30	581.38
G6-07	609.06	28.37	580.69
H5-07	617.05	61.38	555.67
I1-07	620.97	65.29	555.68
J5M-07	606.07	48.22	557.85
J6-07	608.85	51.09	557.76
PMW-1M-07	598.50	65.97	532.53

TABLE 1

WATER LEVEL ELEVATION SUMMARY
THIRD QUARTER - 2009
HYDE PARK RRT PROGRAM

<i>Well</i>	<i>Reference Elevation (ft AMSL)</i>	<i>Depth to Water (ft)</i>	<i>Water Level Elevation (ft AMSL)</i>
Flow Zone 9			
ABP-1-09	575.49	41.34	534.15
ABP-7-09	575.67	44.58	531.09
AFW-1M-09	571.12	46.54	524.58
AFW-2M-09	593.32	72.00	521.32
AGW-1M-09	592.75	35.09	557.66
B2M-09	589.34	68.70	520.64
C3-09	585.00	47.02	537.98
D1M-09	594.02	73.42	520.60
D2M-09	590.66	70.11	520.55
E6-09	577.82	23.94	553.88
F2M-09	598.71	78.28	520.43
F4M-09	601.79	81.66	520.13
F6-09	587.53	8.68	578.85
G1M-09	616.58	38.53	578.05
G6-09	608.98	26.74	582.24
H2M-09	621.32	68.14	553.18
H5-09	616.93	61.93	555.00
I1-09	620.86	57.94	562.92
J2M-09	608.77	51.12	557.65
J5M-09	605.82	48.10	557.72
J6-09	608.76	36.98	571.78
PMW-1M-09	598.34	77.81	520.53
Flow Zone 11			
AFW-1L-11	572.10	66.16	505.94
AFW-2L-11	593.43	98.00	495.43
AGW-1L-11	592.71	22.41	570.30
B2L-11	589.65	90.93	498.72
D1L-11	593.80	90.39	503.41
D2L-11	590.21	70.98	519.23
E6-11	577.72	45.53	532.19
F2L-11	598.94	43.29	555.65
F4L-11	602.22	17.98	584.24
F6-11	587.40	60.31	527.09
G1L-11	616.84	52.40	564.44
G6-11	608.89	40.36	568.53
H2L-11	620.73	55.30	565.43
H5-11	616.81	64.75	552.06
I1-11	620.71	74.58	546.13
J5L-11	607.20	57.98	549.22
J6-11	608.68	29.88	578.80
PMW-1L-11	598.84	90.53	508.31

Notes

ft AMSL Feet Above Mean Sea Level

- Elevation Not Applicable - Well Dry

TABLE 2

LEACHATE TREATMENT SYSTEM DAILY EFFLUENT MONITORING DATA
THIRD QUARTER - 2009
HYDE PARK RRT PROGRAM

Date	Effluent		
	Phenol (mg/L)	pH (su)	Flow (gal)
07/01/09	0.015 U	-	-
07/02/09	-	6.90	135,000
07/06/09	-	6.90	120,000
07/07/09	-	6.90	104,000
07/08/09	0.010 U	-	-
07/09/09	-	7.00	100,000
07/10/09	-	7.10	50,000
07/13/09	-	7.00	151,000
07/14/09	-	-	-
07/15/09	0.010 U	6.90	129,000
07/17/09	-	6.90	96,000
07/19/09	-	-	151,000
07/22/09	0.010 U	7.20	129,000
07/23/09	-	7.10	77,000
07/24/09	-	7.10	130,000
07/27/09	-	7.00	139,000
07/28/09	-	6.90	134,000
07/29/09	0.031 U	6.70	130,000
07/30/09	-	6.70	148,000
07/31/09	-	6.90	102,000
08/04/09	-	7.10	148,000
08/05/09	0.010 U	7.10	132,000
08/06/09	-	7.00	95,000
08/07/09	-	7.00	103,000
08/08/09	-	7.00	107,000
08/11/09	-	7.00	152,000
08/12/09	0.036	6.90	483,000
08/13/09	-	7.00	133,000
08/14/09	-	7.10	99,000
08/17/09	-	7.00	145,000
08/18/09	-	6.90	156,000
08/19/09	0.010 U	6.80	113,000
08/20/09	-	6.90	72,000
08/21/09	-	7.00	56,000
08/24/09	-	7.00	142,000
08/25/09	-	7.00	129,000
08/26/09	0.010 U	7.00	62,000
08/27/09	-	7.10	73,000
08/28/09	-	7.10	89,000
08/31/09	-	7.00	115,000
09/01/09	-	6.90	139,000
09/02/09	0.011	7.00	112,000
09/03/09	-	6.90	61,000
09/04/09	-	6.90	67,000
09/08/09	-	6.90	141,000
09/09/09	0.017	6.90	68,000
09/10/09	-	7.00	100,000
09/14/09	-	7.00	165,000
09/15/09	-	7.00	141,000
09/16/09	0.010	7.00	65,000
09/18/09	-	6.90	144,000
09/22/09	-	6.90	168,000
09/23/09	0.012	6.90	85,000
09/25/09	-	6.90	111,000
09/28/09	-	6.90	172,000
09/29/09	-	6.90	98,000
09/30/09	0.018	-	-

Notes:

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

TABLE 3

ANALYTICAL RESULTS SUMMARY
WEEKLY SAMPLING - LEACHATE TREATMENT SYSTEM
THIRD QUARTER - 2009
HYDE PARK RRT PROGRAM

Effluent										
	Parameter	Units	07/01/09	07/08/09	07/15/09	07/24/09	07/29/09	08/05/09	08/12/09	08/19/09
Volatiles										
	1,1,1-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	1,1,2,2-Tetrachloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	1,1,2-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	1,1-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	1,1-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	1,2,4-Trichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	1,2-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	1,2-Dichloroethane	µg/L	5.0 U	1.8 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	1,2-Dichloropropane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	1,3-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	1,4-Dichlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	2-Chlorotoluene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	3-Chlorotoluene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	4-Chlorotoluene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	Benzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	Bromodichloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	Bromoform	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	Bromomethane (Methyl Bromide)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	Carbon disulfide	µg/L	5.0 U	5.0 U	5.0 U	1.3 J	5.0 U	5.0 U	5.0 U	5.0 U
	Carbon tetrachloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	Chlorobenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	Chloroethane	µg/L	5.0 U	2.1 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	Chloroform (Trichloromethane)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	Chloromethane (Methyl Chloride)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	cis-1,2-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	cis-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	Dichlorodifluoromethane (CFC-12)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	Ethylbenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	Methylene chloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	m-Monochlorobenzotrifluoride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	o-Monochlorobenzotrifluoride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	p-Monochlorobenzotrifluoride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	Styrene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	Tetrachloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	Toluene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	trans-1,2-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	Trichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	Trichlorofluoromethane (CFC-11)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	Vinyl acetate	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	Vinyl chloride	µg/L	3.2 J	2.4 J	2.2 J	1.8 J	1.8 J	2.4 J	2.1 J	2.1 J
	Xylene (total)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
WEEKLY SAMPLING - LEACHATE TREATMENT SYSTEM
THIRD QUARTER - 2009
HYDE PARK RRT PROGRAM

Effluent

<i>Parameter</i>	<i>Units</i>	<i>08/20/09</i>	<i>08/26/09</i>	<i>09/02/09</i>	<i>09/09/09</i>	<i>09/16/09</i>	<i>09/23/09</i>	<i>09/30/09</i>
1,1,1-Trichloroethane	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2,4-Trichlorobenzene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
1,3-Dichlorobenzene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	µg/L	-	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorotoluene	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
3-Chlorotoluene	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorotoluene	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl Bromide)	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon tetrachloride	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform (Trichloromethane)	µg/L	-	5.0 U	1.4 J	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl Chloride)	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	µg/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
m-Monochlorobenzotrifluoride	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
o-Monochlorobenzotrifluoride	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
p-Monochlorobenzotrifluoride	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichlorofluoromethane (CFC-11)	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl acetate	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl chloride	µg/L	1.9 J	3.9 J	2.2 J	2.6 J	1.6 J	2.7 J	1.5 J
Xylene (total)	µg/L	-	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U

Notes:

- Not available/not applicable.
- J Estimated at associated value.
- U Non-detect at associated value.
- µg/L Microgram per liter.

ANALYTICAL RESULTS SUMMARY
 QUARTERLY SAMPLING - LEACHATE TREATMENT SYSTEM
 THIRD QUARTER - 2009
 HYDE PARK RRT PROGRAM

Effluent

	<i>Sample ID:</i>	<i>EFF-0809-3</i>	<i>EFF-0809-4</i>
	<i>Sample Date:</i>	<i>08/20/09</i>	<i>08/20/09</i>
<i>Parameter</i>	<i>Units</i>		
Phosphorus, Total	mg/L	0.30 J	-
Vinyl chloride	µg/L	-	1.9 J

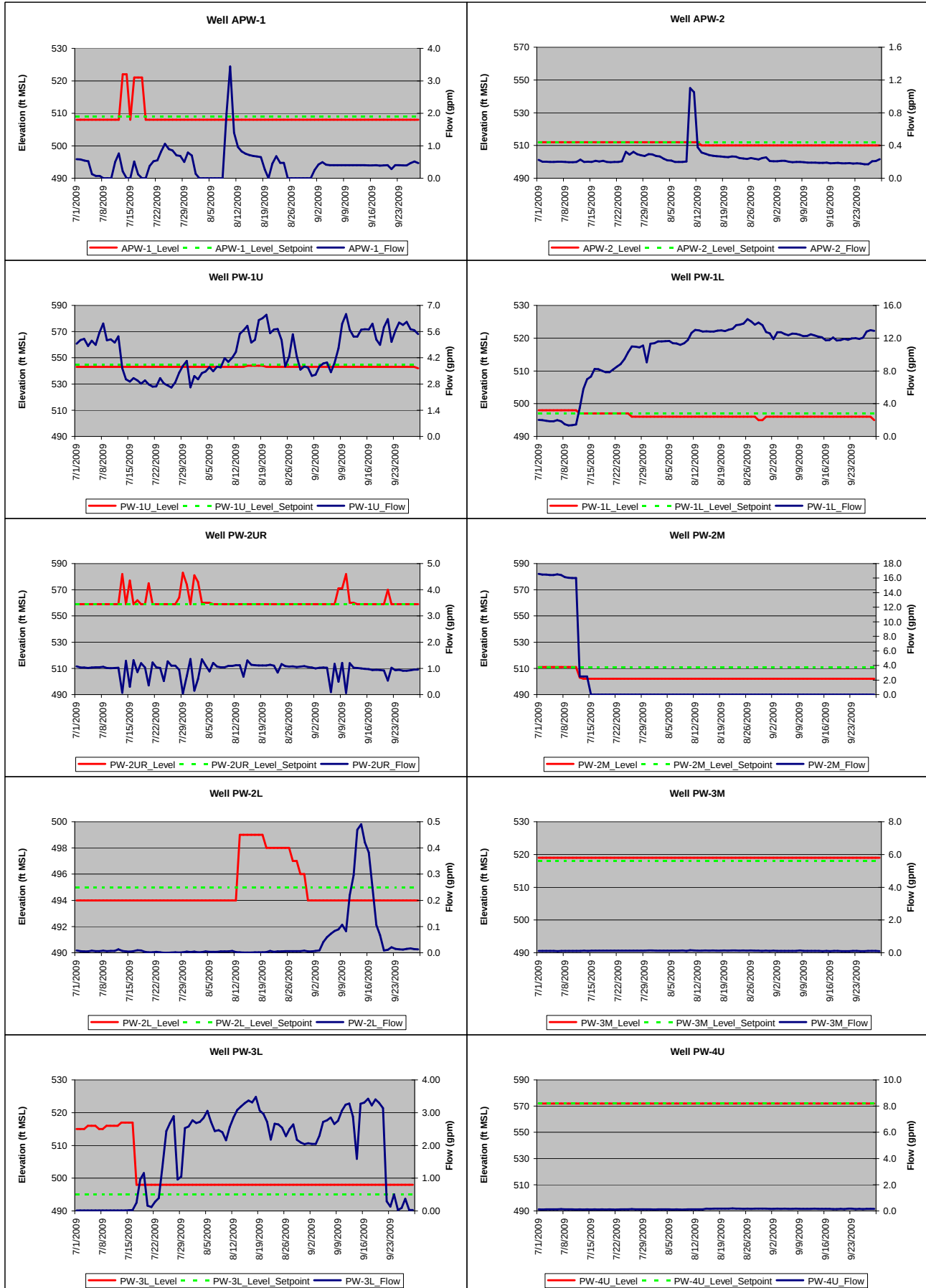
Notes:

- Not available/not applicable
- mg/L Milligrams per liter
- µg/L Micrograms per liter

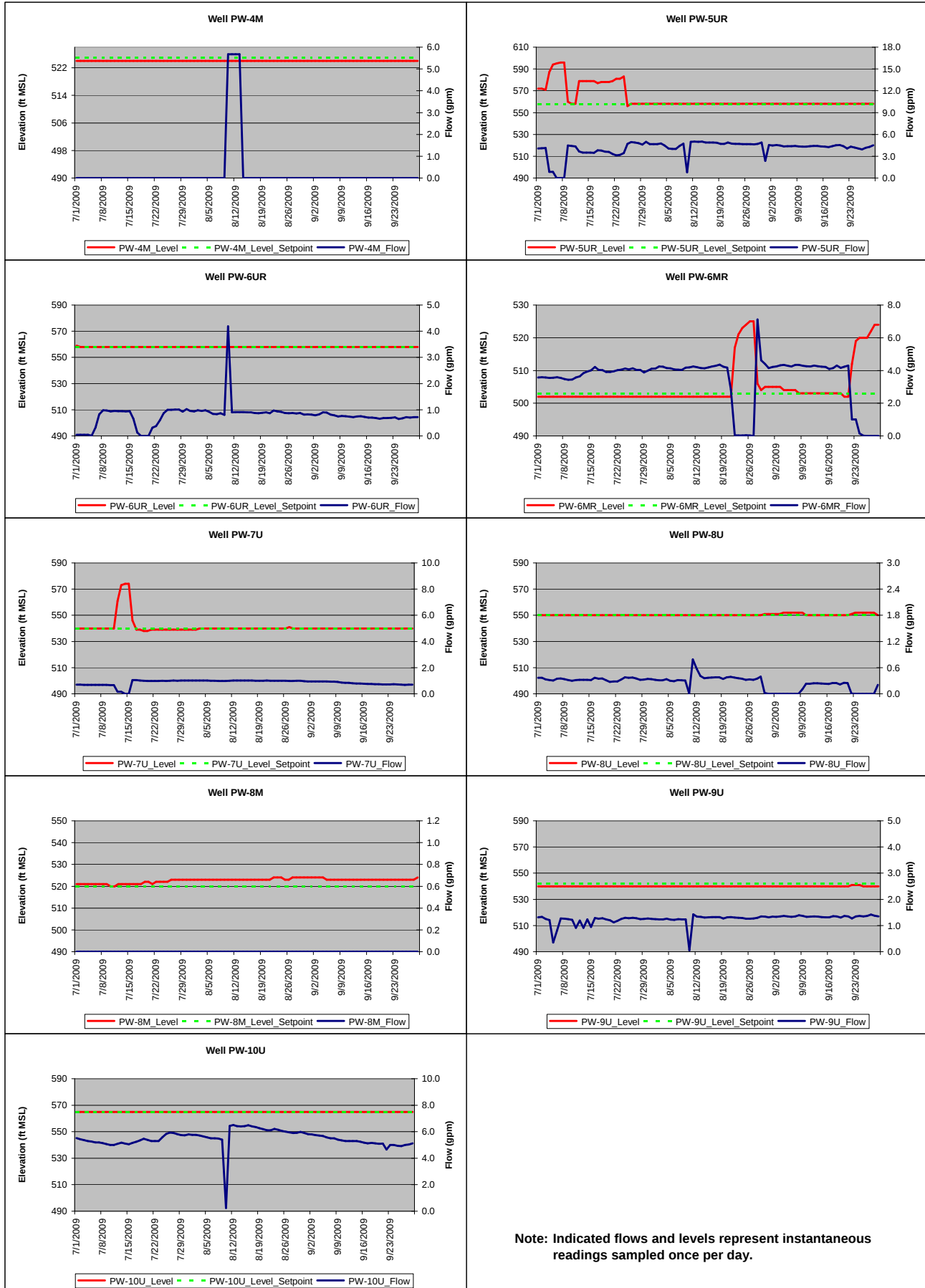
ATTACHMENT 1

Attachment 1
3rd Quarter 2009 - Pumping levels and Flows
Hyde Park

Page 1 of 2



Attachment 1
3rd Quarter 2009 - Pumping levels and Flows
Hyde Park



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