Glenn Springs Holdings, Inc.
A subsidiary of Occidental Petroleum

Clint Babcock
Project Manager
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April 22, 2010 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 – First Quarter 2010**
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 January 1, 2010 through March 31, 2010. A total of 4.2 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 water level data presented on Figure 10 (PMW-1M-09) indicates a data gap between January 1, 2010 and February 23, 2010. This data gap is due to the loss of the levelogger recorder that had been installed in the well. The levelogger was replaced on February 23, 2010. Based on a review of historic data for this location, it is not believed that the water level rose above the action level of 526 feet MSL.

APW-2 remained un-repaired during the first quarter of 2010 due to accessibility issues (i.e., snow cover, soft ground, etc.) However, in April, the area surrounding APW-2 did dry out sufficiently to allow the repair activities to take place. APW-2 was repaired on April 05, 2010.

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/DJH/ck/001069Sosa-Welling-30

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

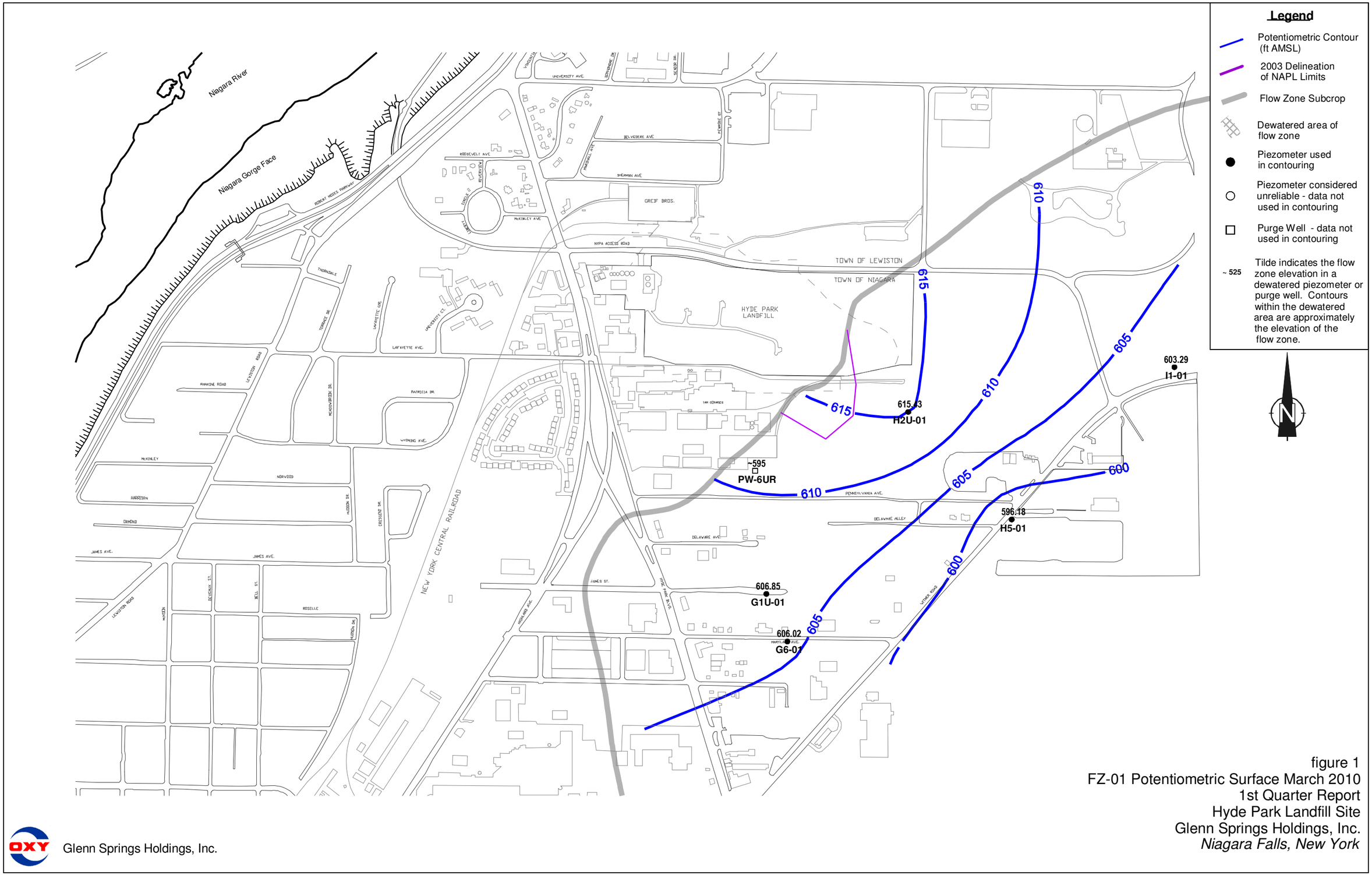
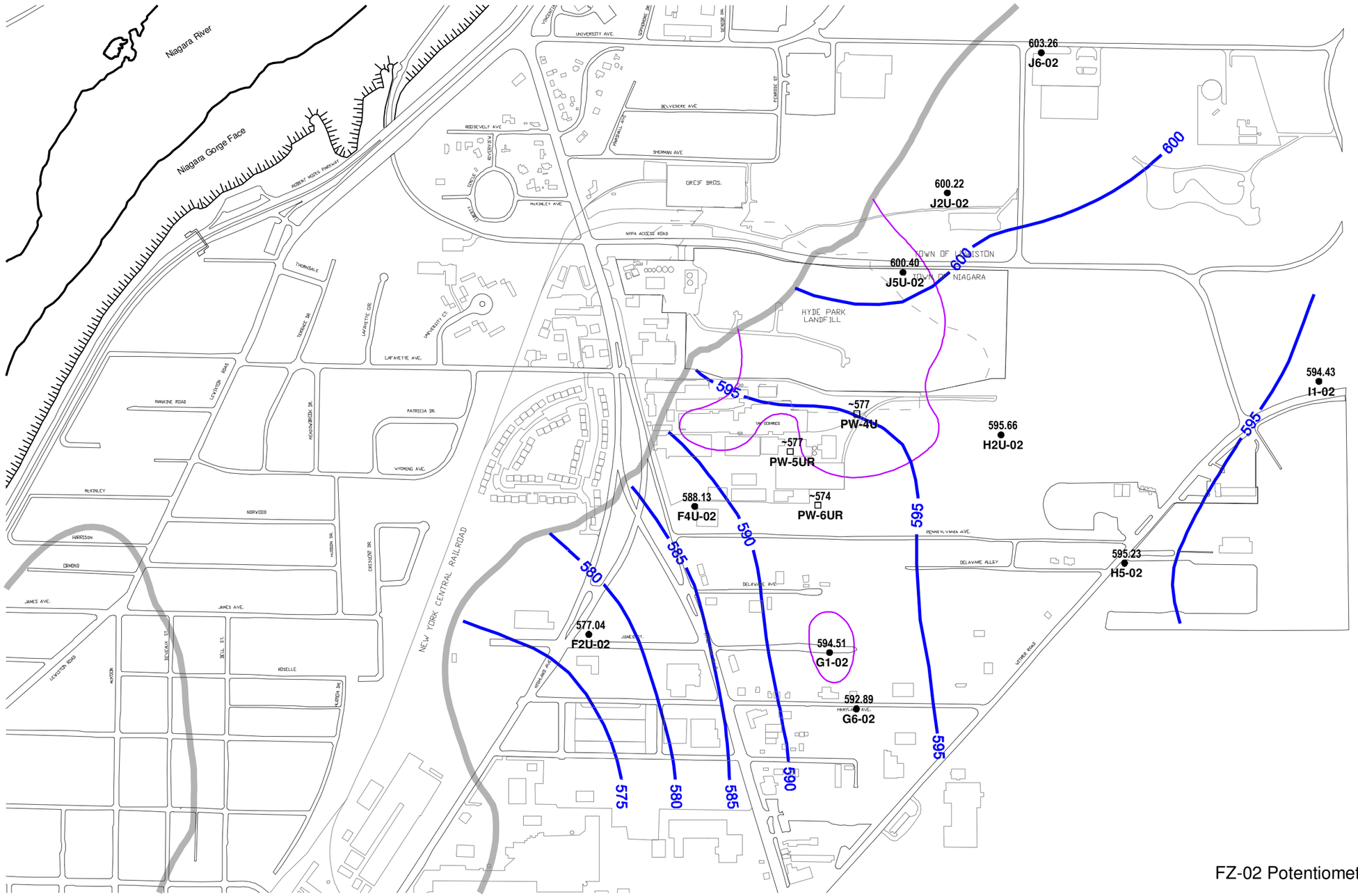


figure 1
FZ-01 Potentiometric Surface March 2010
1st Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York

Glenn Springs Holdings, Inc.

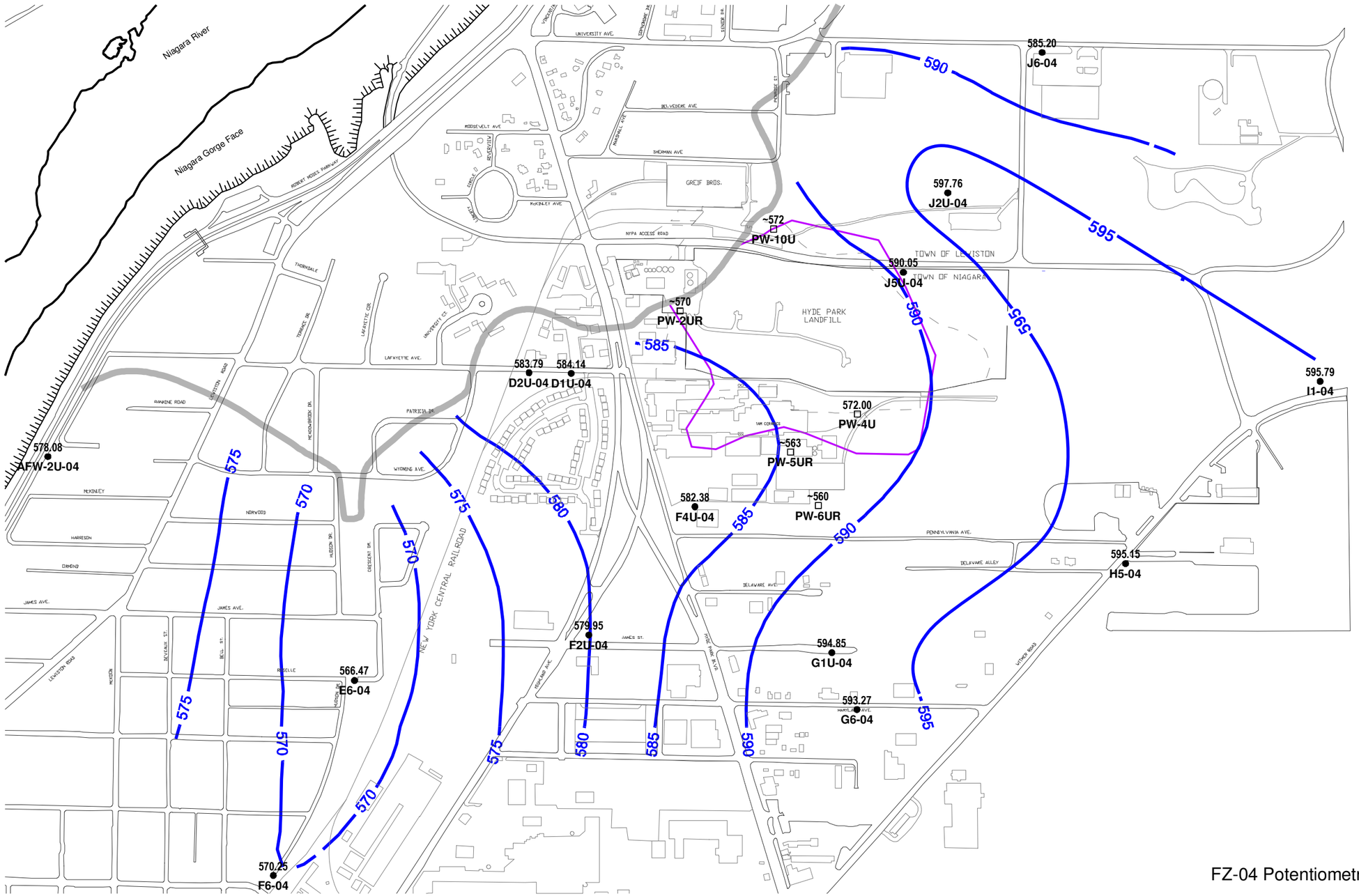


Legend

- 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 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 2
FZ-02 Potentiometric Surface March 2010
1st Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York

Glenn Springs Holdings, Inc.

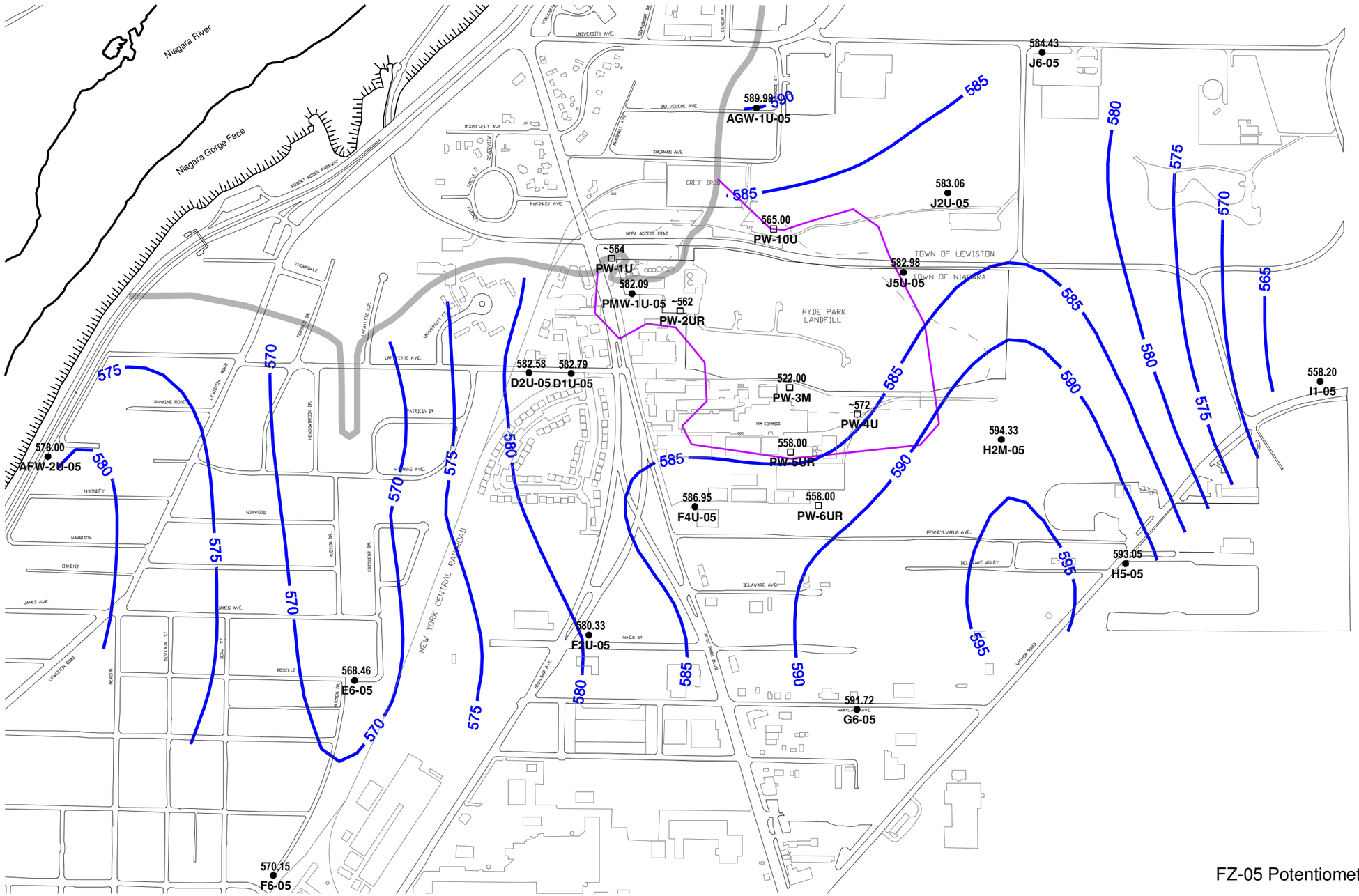


Legend

- 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 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 March 2010
1st Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York

Glenn Springs Holdings, Inc.

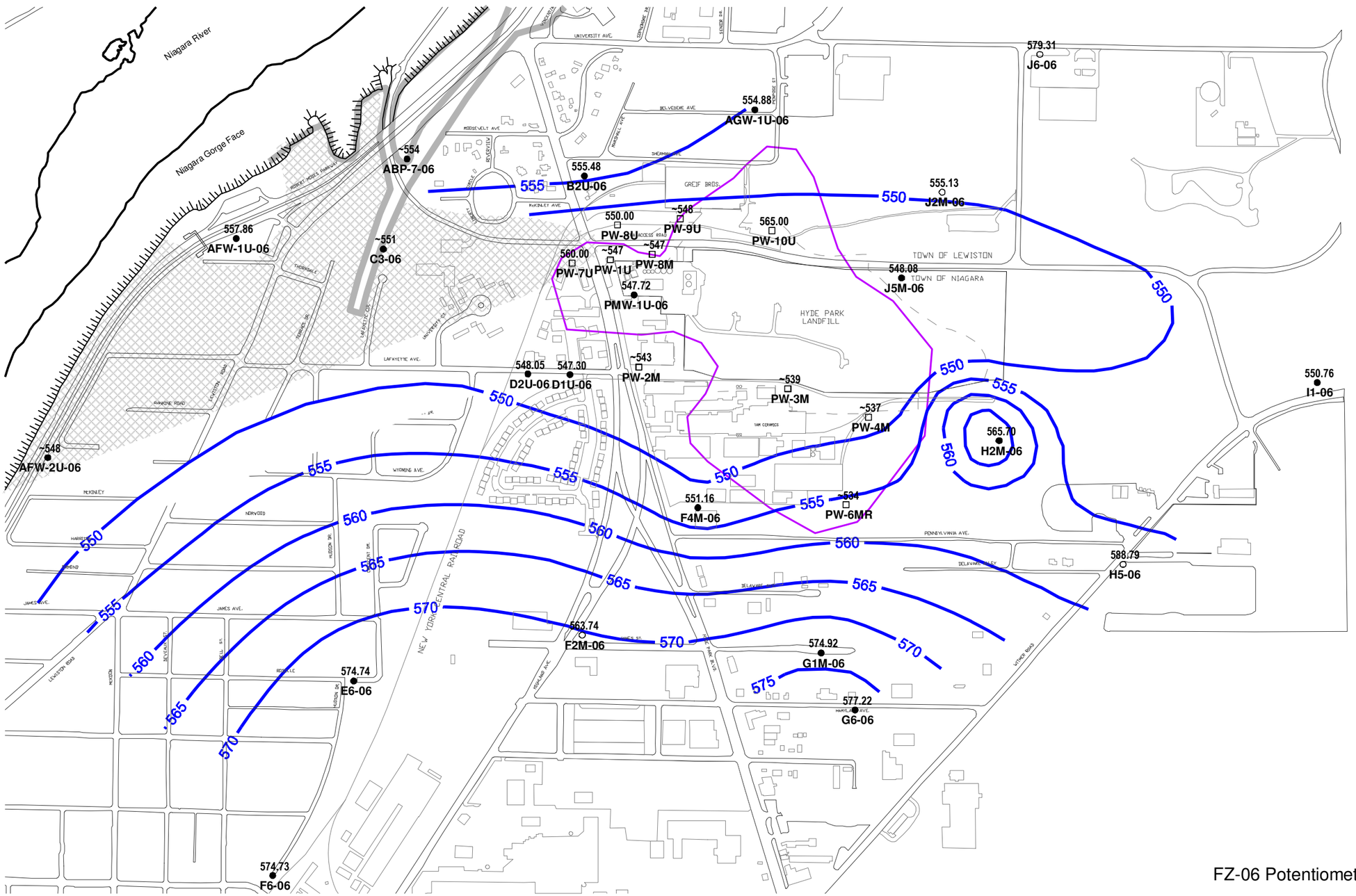


Legend

- 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 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 March 2010
1st 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 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 March 2010
1st Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York

Glenn Springs Holdings, Inc.

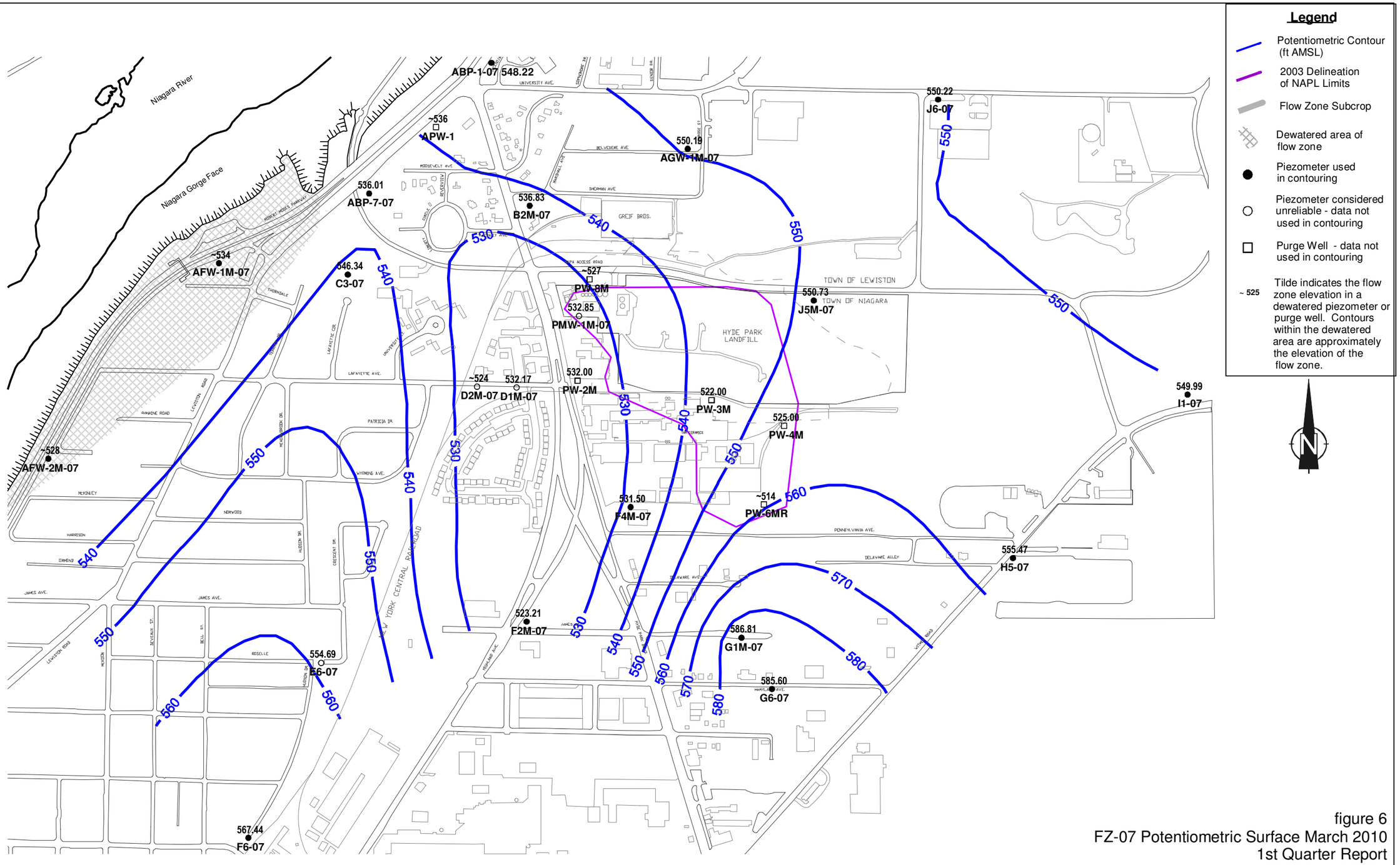


figure 6
FZ-07 Potentiometric Surface March 2010
1st Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York

Glenn Springs Holdings, Inc.

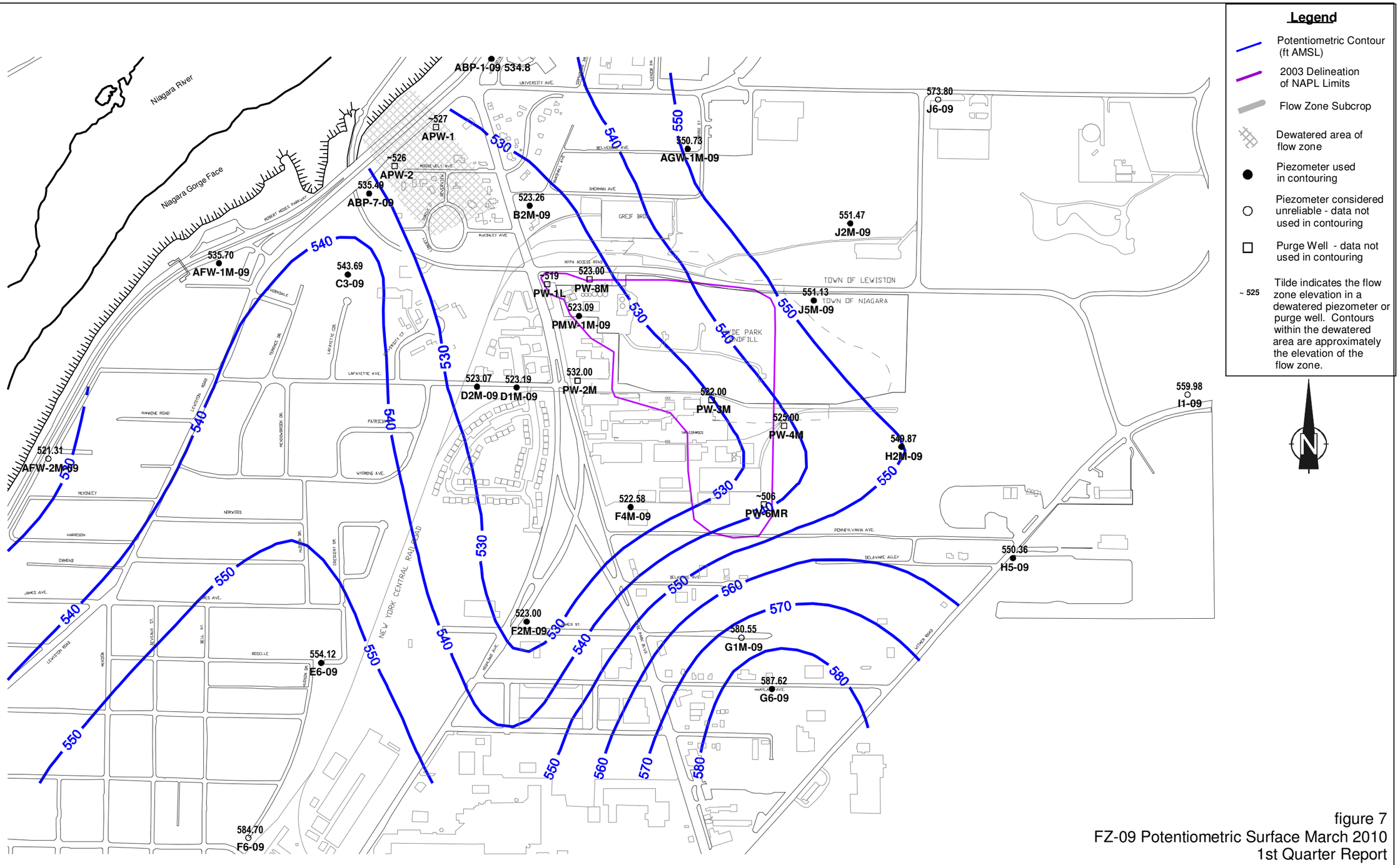


figure 7
FZ-09 Potentiometric Surface March 2010
1st Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York

Glenn Springs Holdings, Inc.

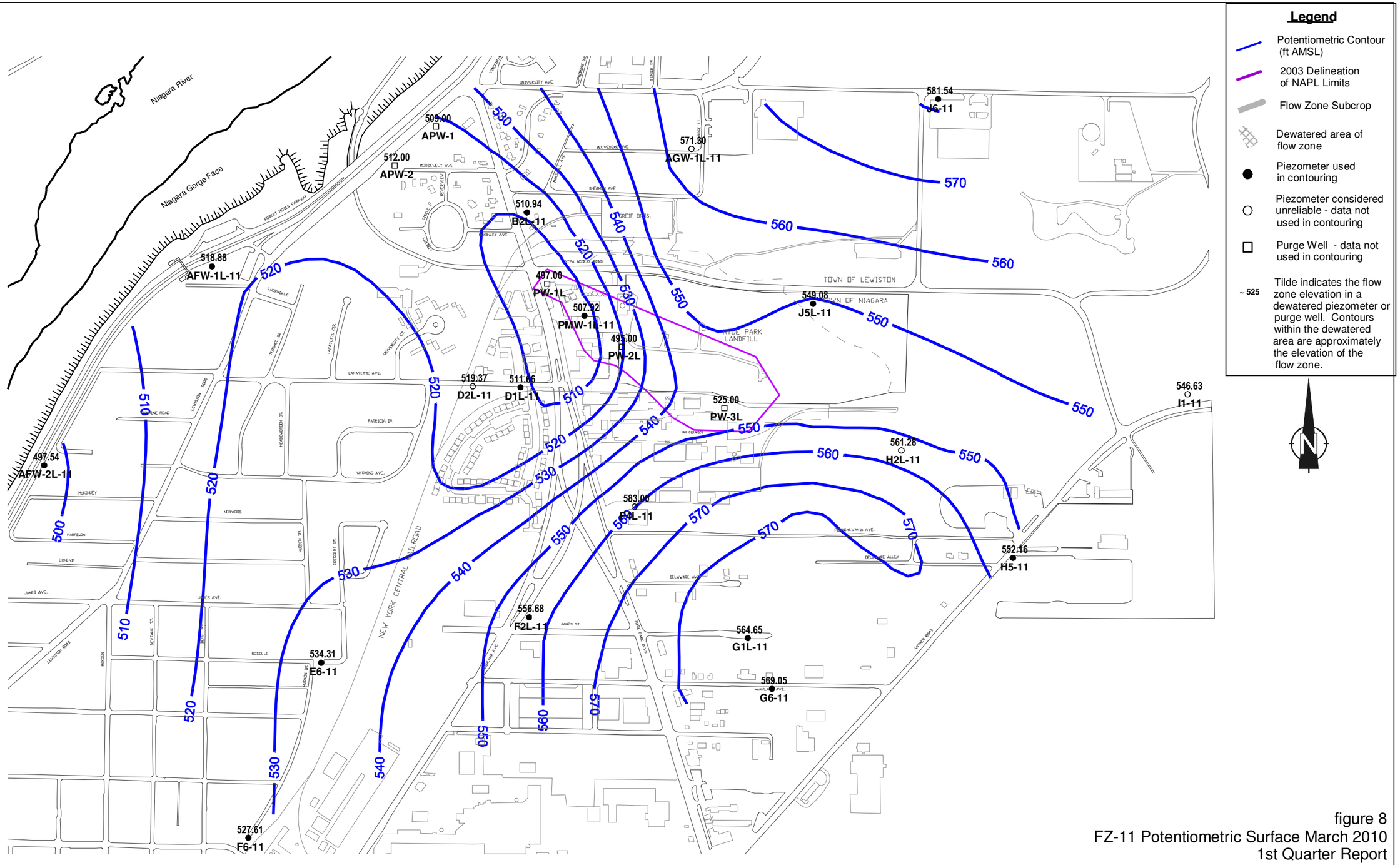


figure 8
FZ-11 Potentiometric Surface March 2010
1st Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York

Glenn Springs Holdings, Inc.

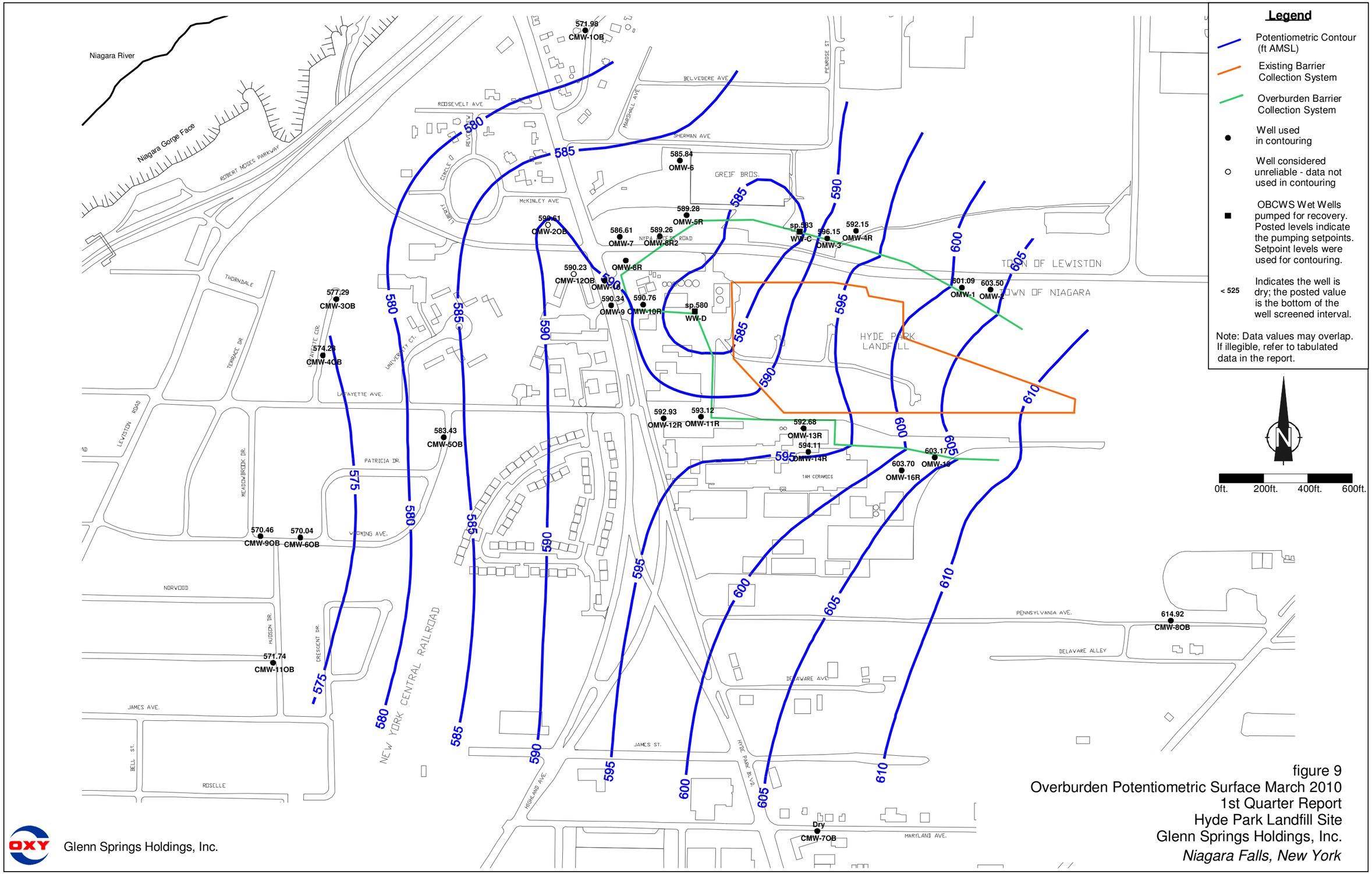


figure 9
Overburden Potentiometric Surface March 2010
1st Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York

Glenn Springs Holdings, Inc.

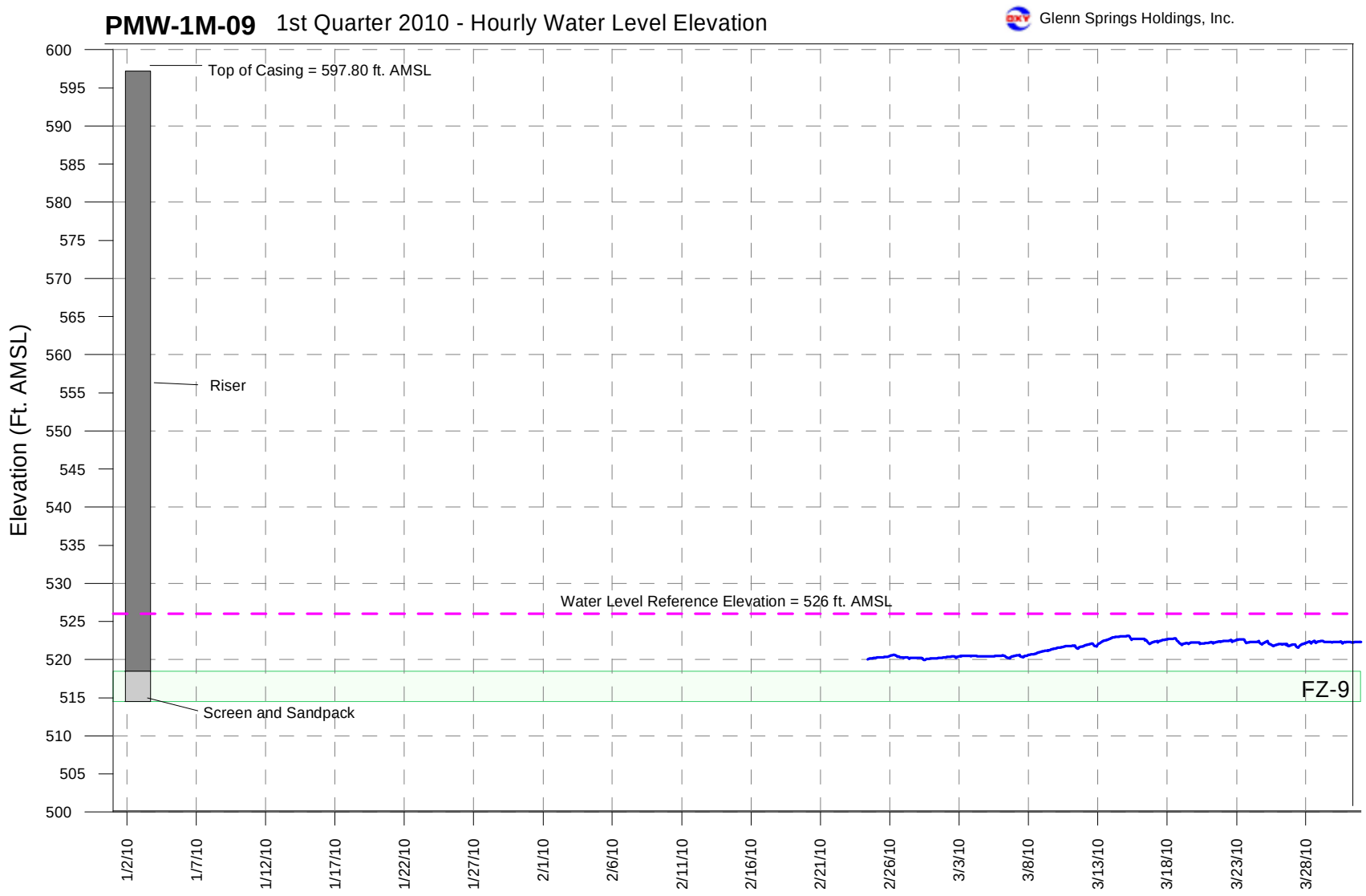

PMW-1M-09
1st Quarter 2010 - Hourly Water Level Elevation
Glenn Springs Holdings, Inc.
Top of Casing = 597.80 ft. AMSL
Riser
Water Level Reference Elevation = 526 ft. AMSL
Screen and Sandpack
FZ-9
Elevation (Ft. AMSL)
600
595
590
585
580
575
570
565
560
555
550
545
540
535
530
525
520
515
510
505
500
1/2/10
1/7/10
1/12/10
1/17/10
1/22/10
1/27/10
2/1/10
2/6/10
2/11/10
2/16/10
2/21/10
2/26/10
3/3/10
3/8/10
3/13/10
3/18/10
3/23/10
3/28/10

figure 10

TABLE 1
WATER LEVEL ELEVATION SUMMARY
FIRST QUARTER - 2010
HYDE PARK RRT PROGRAM

Well	Reference Elevation (ft AMSL)	Depth to Water (ft)	Water Level Elevation (ft AMSL)
Overburden			
CMW-2OB	590.79	0.18	590.61
CMW-3OB	582.13	4.84	577.29
CMW-4OB	574.28	Surcharged	574.28
CMW-5OB	583.43	Surcharged	583.43
CMW-6OB	571.89	1.85	570.04
CMW-7OB	611.00	Dry	-
CMW-8OB	616.11	1.19	614.92
CMW-9OB	571.76	1.30	570.46
CMW-1OB	576.80	4.82	571.98
CMW-11OB	572.85	1.11	571.74
CMW-12OB	594.74	4.51	590.23
OMW-1	605.28	4.19	601.09
OMW-2	605.99	2.49	603.50
OMW-3	598.63	2.48	596.15
OMW-4R	601.17	9.02	592.15
OMW-5R	591.31	2.03	589.28
OMW-6	587.62	1.78	585.84
OMW-7	592.74	6.13	586.61
OMW-8R2	594.67	5.41	589.26
OMW-9	595.52	5.18	590.34
OMW-10R	595.13	4.37	590.76
OMW-11R	597.52	4.40	593.12
OMW-12R	596.79	3.86	592.93
OMW-13R	601.50	8.82	592.68
OMW-14R	599.64	5.53	594.11
OMW-15	607.48	4.31	603.17
OMW-16R	607.62	3.92	603.70
SC-2	625.61	19.90	605.71
SC-3	638.72	32.20	606.52
SC-4	639.35	19.80	619.55
SC-5	634.07	Dry	-
SC-6	631.15	16.20	614.95
Shallow Bedrock			
CMW-1SH	576.11	10.28	565.83
CMW-2SH	590.51	14.68	575.83
CMW-3SH	581.91	26.26	555.65
CMW-4SH	574.16	6.29	567.87
CMW-5SH	583.36	4.71	578.65
CMW-6SH	572.05	9.30	562.75
CMW-7SH	610.58	6.08	604.50
CMW-8SH	615.95	1.50	614.45
CMW-9SH	571.96	11.15	560.81
CMW-11SH	573.21	8.01	565.20
CMW-12SH	597.02	20.67	576.35
Flow Zone 1			
G1U-01	617.08	10.23	606.85
G6-01	609.24	3.22	606.02
H2U-01	620.92	5.49	615.43
H5-01	617.61	21.43	596.18
I1-01	621.55	18.26	603.29

TABLE 1
WATER LEVEL ELEVATION SUMMARY
FIRST QUARTER - 2010
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	22.85	577.04
F4U-02	602.32	14.19	588.13
G1-02	616.86	22.35	594.51
G6-02	608.65	15.76	592.89
H2U-02	620.88	25.22	595.66
H5-02	617.47	22.24	595.23
I1-02	621.42	26.99	594.43
J2U-02	609.66	9.44	600.22
J5U-02	606.21	5.81	600.40
J6-02	609.23	5.97	603.26
Flow Zone 4			
AFW-2U-04	593.48	15.40	578.08
D1U-04	593.77	9.63	584.14
D2U-04	590.65	6.86	583.79
E6-04	578.23	11.76	566.47
F2U-04	599.76	19.81	579.95
F4U-04	602.19	19.81	582.38
F6-04	588.06	17.81	570.25
G1U-04	616.96	22.11	594.85
G6-04	609.15	15.88	593.27
H5-04	617.40	22.25	595.15
I1-04	621.31	25.52	595.79
J2U-04	609.42	11.66	597.76
J5U-04	606.05	16.00	590.05
J6-04	609.12	23.92	585.20
Flow Zone 5			
AFW-2U-05	593.33	15.33	578.00
AGW-1U-05	591.80	1.82	589.98
D1U-05	593.51	10.72	582.79
D2U-05	590.56	7.98	582.58
E6-05	578.04	9.58	568.46
F2U-05	599.64	19.31	580.33
F4U-05	602.06	15.11	586.95
F6-05	587.85	17.70	570.15
G6-05	609.13	17.41	591.72
H2M-05	621.59	27.26	594.33
H5-05	617.31	24.26	593.05
I1-05	621.21	63.01	558.20
J2U-05	609.30	26.24	583.06
J5U-05	605.87	22.89	582.98
J6-05	609.02	24.59	584.43
PMW-1U-05	598.00	15.91	582.09

TABLE 1
WATER LEVEL ELEVATION SUMMARY
FIRST QUARTER - 2010
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	-
AFW-1U-06	571.83	13.97	557.86
AFW-2U-06	593.22	48.11	545.11
AGW-1U-06	591.66	36.78	554.88
B2U-06	589.29	33.81	555.48
C3-06	585.78	37.12	548.66
D1U-06	593.25	45.95	547.30
D2U-06	590.38	42.33	548.05
E6-06	577.99	3.25	574.74
F2M-06	599.06	35.32	563.74
F4M-06	602.05	50.89	551.16
F6-06	587.84	13.11	574.73
G1M-06	616.75	41.83	574.92
G6-06	609.09	31.87	577.22
H2M-06	621.42	55.72	565.70
H5-06	617.17	28.38	588.79
I1-06	621.08	70.32	550.76
J2M-06	608.94	53.81	555.13
J5M-06	606.22	58.14	548.08
J6-06	608.93	29.62	579.31
PMW-1U-06	597.92	50.20	547.72
Flow Zone 7			
ABP-1-07	576.44	28.22	548.22
ABP-7-07	575.73	39.72	536.01
AFW-1M-07	571.41	Dry	-
AFW-2M-07	593.44	66.73	526.71
AGW-1M-07	592.91	42.72	550.19
B2M-07	589.52	52.69	536.83
C3-07	585.62	39.28	546.34
D1M-07	594.15	61.98	532.17
D2M-07	590.77	67.52	523.25
E6-07	577.91	23.22	554.69
F2M-07	598.91	75.70	523.21
F4M-07	601.91	70.41	531.50
F6-07	587.68	20.24	567.44
G1M-07	616.68	29.87	586.81
G6-07	609.06	23.46	585.60
H5-07	617.05	61.58	555.47
I1-07	620.97	70.98	549.99
J5M-07	606.07	55.34	550.73
J6-07	608.85	58.63	550.22
PMW-1M-07	598.50	65.65	532.85

TABLE 1
WATER LEVEL ELEVATION SUMMARY
FIRST QUARTER - 2010
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	40.69	534.80
ABP-7-09	575.67	40.18	535.49
AFW-1M-09	571.12	35.42	535.70
AFW-2M-09	593.32	72.01	521.31
AGW-1M-09	592.75	42.02	550.73
B2M-09	589.34	66.08	523.26
C3-09	585.00	41.31	543.69
D1M-09	594.02	70.83	523.19
D2M-09	590.66	67.59	523.07
E6-09	577.82	23.70	554.12
F2M-09	598.71	75.71	523.00
F4M-09	601.79	79.21	522.58
F6-09	587.53	2.83	584.70
G1M-09	616.58	36.03	580.55
G6-09	608.98	21.36	587.62
H2M-09	621.32	71.45	549.87
H5-09	616.93	66.57	550.36
I1-09	620.86	60.88	559.98
J2M-09	608.77	57.30	551.47
J5M-09	605.82	54.69	551.13
J6-09	608.76	34.96	573.80
PMW-1M-09	598.34	75.25	523.09
Flow Zone 11			
AFW-1L-11	572.10	53.22	518.88
AFW-2L-11	593.43	95.89	497.54
AGW-1L-11	592.71	21.41	571.30
B2L-11	589.65	78.71	510.94
D1L-11	593.80	82.14	511.66
D2L-11	590.21	70.84	519.37
E6-11	577.72	43.41	534.31
F2L-11	598.94	42.26	556.68
F4L-11	602.22	19.22	583.00
F6-11	587.40	59.79	527.61
G1L-11	616.84	52.19	564.65
G6-11	608.89	39.84	569.05
H2L-11	620.73	59.45	561.28
H5-11	616.81	64.65	552.16
I1-11	620.71	74.08	546.63
J5L-11	607.20	58.12	549.08
J6-11	608.68	27.14	581.54
PMW-1L-11	598.84	90.92	507.92

TABLE 2
LEACHATE TREATMENT SYSTEM DAILY EFFLUENT MONITORING DATA
FIRST QUARTER - 2010
HYDE PARK RRT PROGRAM

Date	Effluent		
	Phenol (mg/L)	pH (su)	Flow (gal)
01/01/10	-	-	-
01/02/10	-	-	-
01/03/10	-	-	-
01/04/10	-	-	423,000
01/05/10	-	-	30,000
01/06/10	-	7.00	60,000
01/07/10	0.010 U	6.90	86,000
01/08/10	-	-	-
01/09/10	-	-	-
01/10/10	-	-	-
01/11/10	-	-	232,000
01/12/10	-	-	119,000
01/13/10	0.010 U	-	-
01/14/10	-	-	-
01/15/10	-	7.00	126,000
01/16/10	-	-	-
01/17/10	-	-	-
01/18/10	-	-	126,000
01/19/10	-	-	149,000
01/20/10	0.010 U	7.10	416,000
01/21/10	-	-	-
01/22/10	-	7.10	104,000
01/23/10	-	-	-
01/24/10	-	-	-
01/25/10	-	-	357,000
01/26/10	-	-	121,000
01/27/10	0.010 U	7.00	353,000
01/28/10	-	7.00	103,000
01/29/10	-	6.80	306,000
01/30/10	-	6.90	199,000
01/31/10	-	6.90	116,000
02/01/10	-	6.90	127,000
02/02/10	-	7.00	156,000
02/03/10	0.010 UJ	-	-
02/04/10	-	7.10	299,000
02/05/10	-	7.00	38,000
02/06/10	-	7.10	181,000
02/07/10	-	-	-
02/08/10	-	7.20	139,000
02/09/10	-	7.00	137,000
02/10/10	0.010 U	-	-
02/11/10	-	7.00	137,000
02/12/10	-	-	-
02/13/10	-	-	-
02/14/10	-	7.00	293,000
02/15/10	-	-	-
02/16/10	-	-	-
02/17/10	0.010 U	7.20	115,000
02/18/10	-	-	-
02/19/10	-	-	-
02/20/10	-	7.20	323,000
02/21/10	-	-	-
02/22/10	-	-	-
02/23/10	-	6.80	138,000
02/24/10	0.010 UJ	-	-
02/25/10	-	-	-

TABLE 2
LEACHATE TREATMENT SYSTEM DAILY EFFLUENT MONITORING DATA
FIRST QUARTER - 2010
HYDE PARK RRT PROGRAM

Date	Effluent		
	Phenol (mg/L)	pH (su)	Flow (gal)
02/26/10	-	-	-
02/27/10	-	6.90	200,000
02/28/10	-	6.80	186,000
03/01/10	-	7.10	147,000
03/02/10	-	-	-
03/03/10	0.0060	-	-
03/04/10	-	7.10	127,000
03/05/10	-	-	-
03/06/10	-	6.80	392,000
03/07/10	-	-	-
03/08/10	-	6.90	134,000
03/09/10	0.031	7.00	133,000
03/10/10	-	-	-
03/11/10	-	-	-
03/12/10	-	7.00	363,000
03/13/10	-	7.00	253,000
03/14/10	-	-	-
03/15/10	-	7.00	150,000
03/16/10	-	7.00	152,000
03/17/10	0.010 U	7.00	148,000
03/18/10	-	7.00	154,000
03/19/10	-	-	-
03/20/10	-	7.00	430,000
03/21/10	-	6.80	114,000
03/22/10	-	7.10	144,000
03/23/10	-	7.00	145,000
03/24/10	0.010 U	7.10	123,000
03/25/10	-	7.00	97,000
03/26/10	-	7.20	216,000
03/27/10	-	7.20	374,000
03/28/10	-	7.20	191,000
03/29/10	-	-	-
03/30/10	-	7.20	124,000
03/31/10	0.010 U	7.10	121,000

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

TABLE 3
ANALYTICAL RESULTS SUMARY
WEEKLY SAMPLING - LEACHATE TREATMENT SYSTEM
FIRST QUARTER - 2010
HYDE PARK RRT PROGRAM

Effluent

Parameter	Units	01/07/10	01/13/10	01/20/10	01/27/10	02/03/10	02/10/10	02/17/10	02/24/10
Volatiles									
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	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	1.0 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	1.0 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	1.0 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	1.0 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	1.0 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	1.0 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	1.0 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	1.0 U	1.0 U	0.69 J	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	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	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	1.0 U	1.0 U	0.85 J	1.0 U
3-Chlorotoluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	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	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	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	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	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	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	0.28 J	0.72 J	0.99 J	0.62 J
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	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	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	1.0 U	1.0 U	0.54 J	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	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	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	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	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	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.57 J	1.0 U
m-Monochlorobenzotrifluoride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	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	1.0 U	1.0 U	0.32 J	1.0 U
p-Monochlorobenzotrifluoride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.45 J	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	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	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	0.53 J	1.0 U	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	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	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	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	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	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	2.2	2.0	2.0	1.7	2.1	3.5 J	320	4.1
Xylene (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

TABLE 3
ANALYTICAL RESULTS SUMARY
WEEKLY SAMPLING - LEACHATE TREATMENT SYSTEM
FIRST QUARTER - 2010
HYDE PARK RRT PROGRAM

Effluent

Parameter	Units	03/03/10	03/09/10	03/17/10	03/24/10	03/31/10
1,1,1-Trichloroethane	µg/L	1.0 U	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	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	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	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	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	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	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	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	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	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	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	1.0 U
3-Chlorotoluene	µg/L	1.0 U	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	1.0 U
Benzene	µg/L	1.0 U	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	1.0 U
Bromoform	µg/L	1.0 U	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	1.0 U
Carbon disulfide	µg/L	1.4	0.49 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	1.0 U
Chlorobenzene	µg/L	1.0 U	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	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	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	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	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	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	0.69 J	1.0 U
m-Monochlorobenzotrifluoride	µg/L	1.0 U	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	1.0 U
p-Monochlorobenzotrifluoride	µg/L	1.0 U	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	1.0 U
Tetrachloroethene	µg/L	1.0 U	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	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	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	1.0 U
Trichloroethene	µg/L	1.0 U	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	1.0 U
Vinyl acetate	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	7.4	11	30	67	73
Xylene (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	15 U

Notes:

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

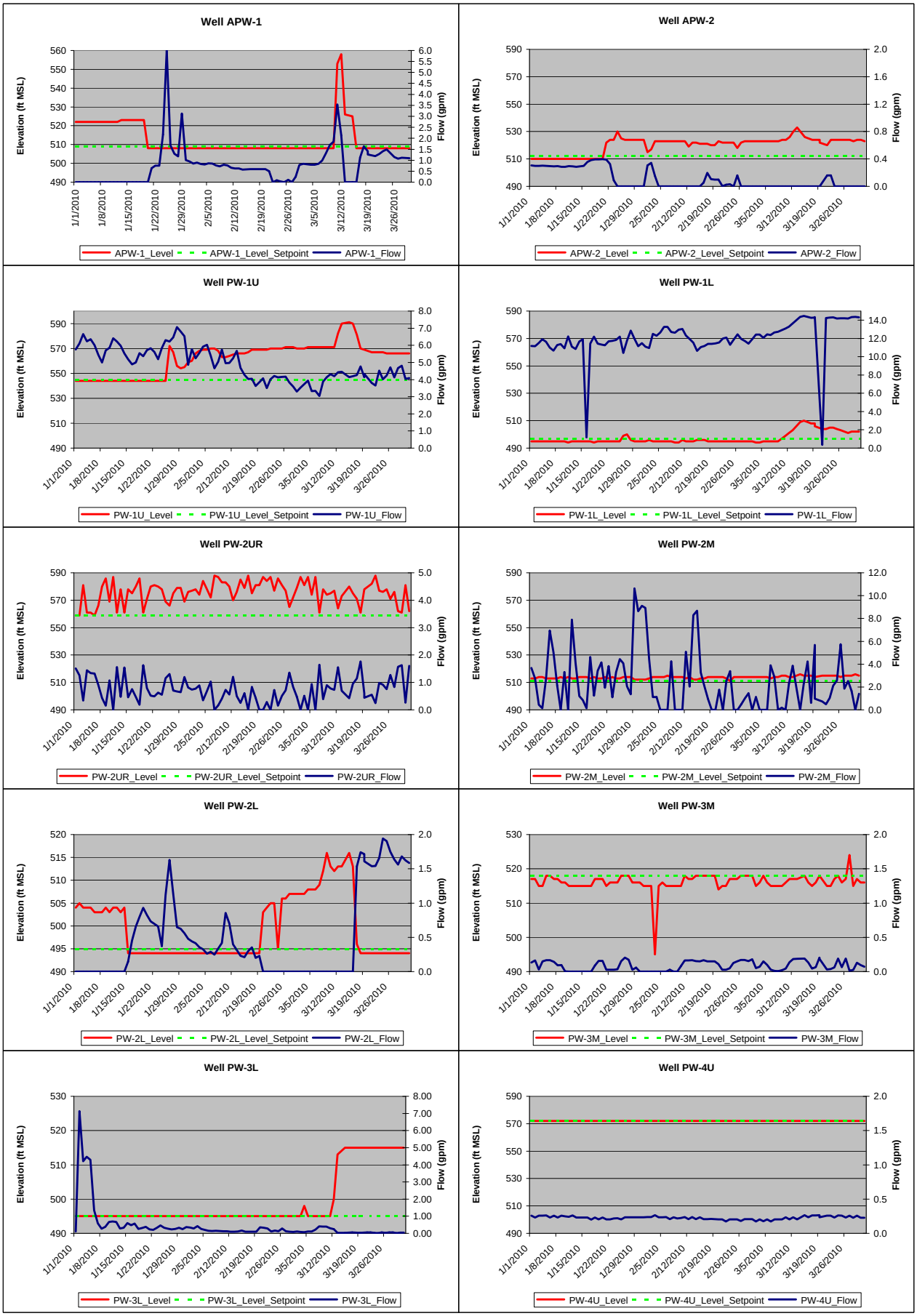
TABLE 4
ANALYTICAL RESULTS SUMARY
QUARTERLY SAMPLING - LEACHATE TREATMENT SYSTEM
FIRST QUARTER - 2010
HYDE PARK RRT PROGRAM

Effluent

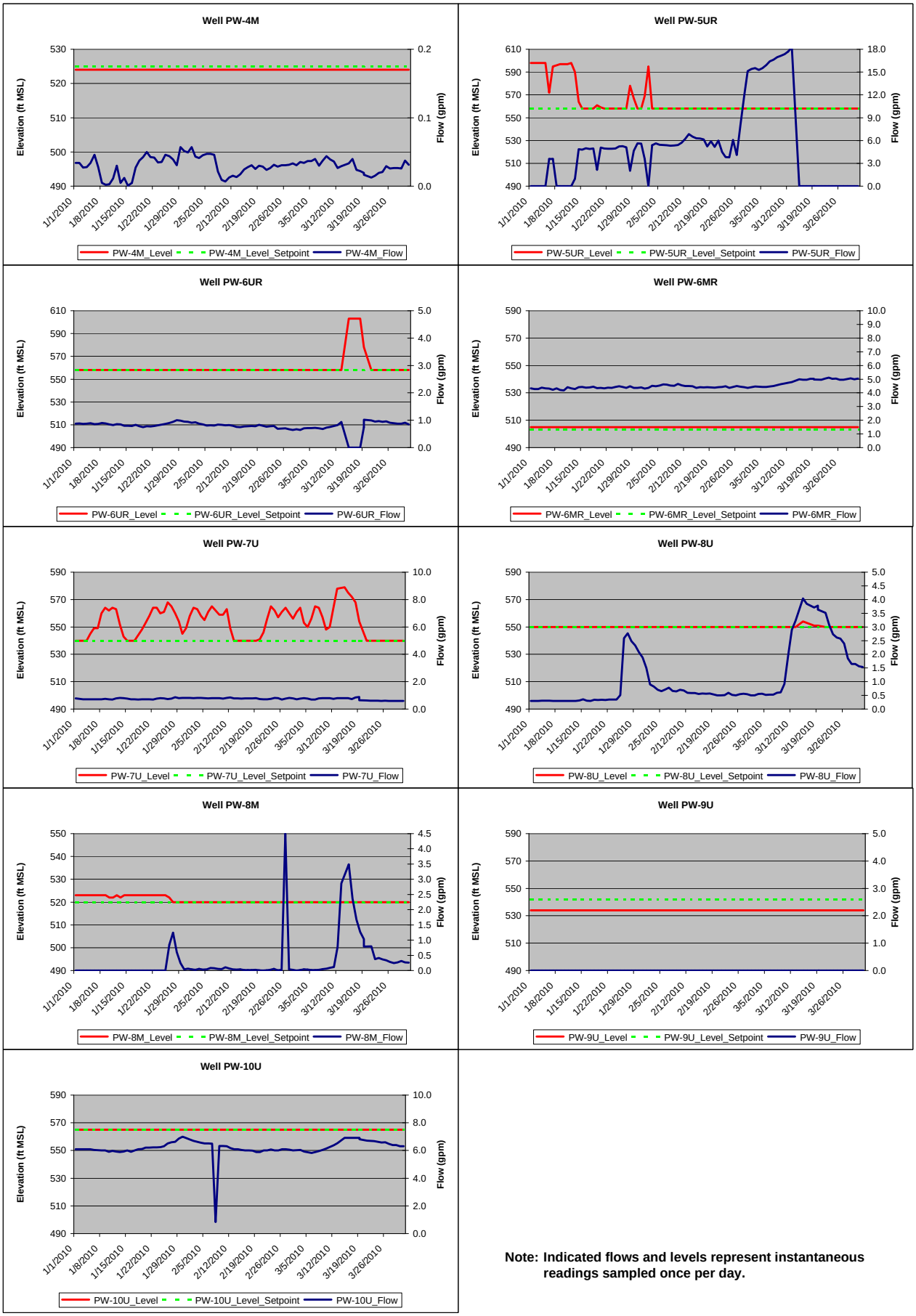
	Sample ID:	***EFF-210-3***	***EFF-210-4***
	Sample Date:	***02/10/10***	***02/10/10***
Parameter	*Units*		
Phosphorus, Total	mg/L	0.14	-
Vinyl chloride	µg/L	-	3.5 J

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

Attachment 1
1st Quarter 2010 - Pumping levels and Flows
Hyde Park



Attachment 1
1st Quarter 2010 - Pumping levels and Flows
Hyde Park



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