Glenn Springs Holdings, Inc.
A subsidiary of Occidental Petroleum

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

7601 Old Channel Trail
Montague, MI 49437
Fax (231) 894-4033

October 31, 2011 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 – Third Quarter 2011**
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, 2011 through September 30, 2011. A total of 4.7 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 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

At the end of July, a scaling problem was noted on the level transmitter from APW-1. Currently the scaling issue is being investigated. The pumping well continues to operate, and manual water levels demonstrate that the water level in the well is being maintained at the setpoint.

The pump in well PW-1L was pulled and replaced on August 10, 2011. The well is currently operational.

On September 26, 2011, the pump in PW-2L was running faster than normal and pump cycling issues were noted. The problems were investigated throughout the remainder of September and into October. As of October 26, 2011, the pump in PW-2L is scheduled to be pulled and replaced. The well is currently operational.

On October 4, 2011, the pump in PW-2M was pulled and replaced due to low flow issues. The well is currently operational.

On October 10, 2011, the pump in PW-5UR was pulled and replaced. The well is currently operational.

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.

Joe Branch
Project Manager
231-670-6809 Cell

JB/JP/adh/1
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

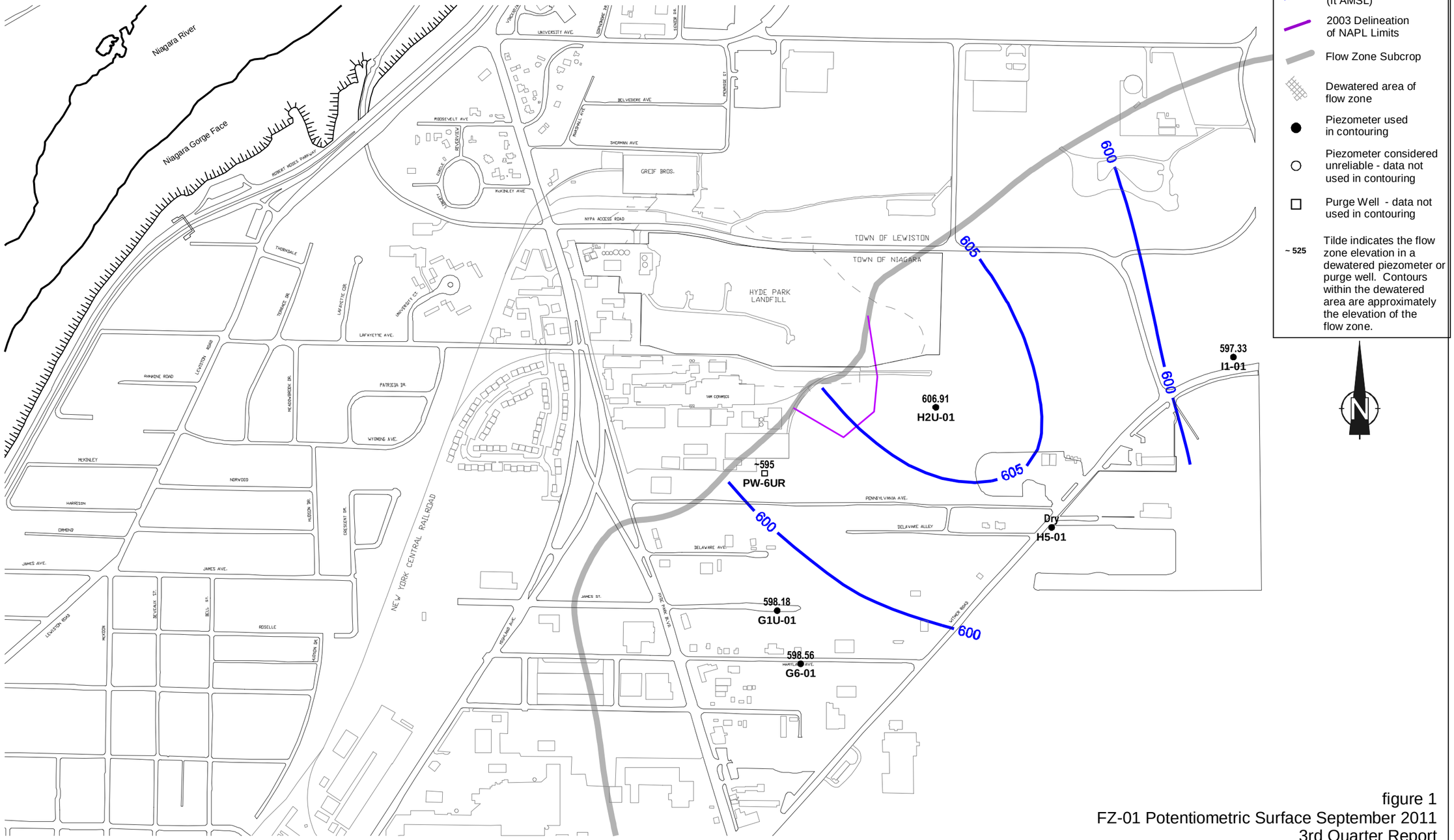


figure 1
FZ-01 Potentiometric Surface September 2011
3rd Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York

Glenn Springs Holdings, Inc.

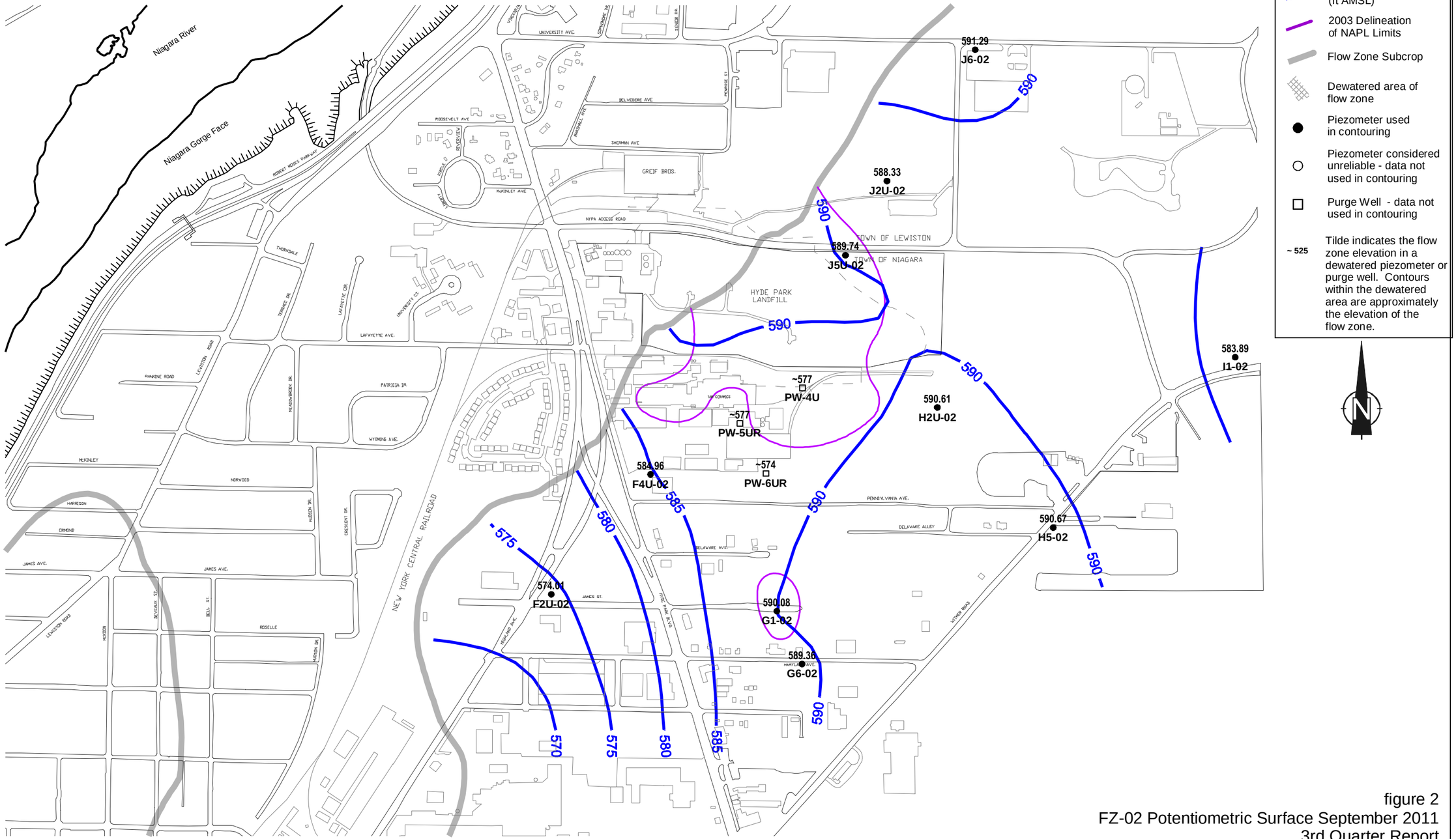


figure 2
FZ-02 Potentiometric Surface September 2011
3rd Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York

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
- ~ 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.

Niagara River
Niagara Gorge Face
ROBERT MOSES PARKWAY
UNIVERSITY AVE
VIRGINIA
CRESCENT AV
FRANKLIN ST
BELVEDERE AVE
ROOSEVELT AVE
BEVERVIEW
MARSHALL AVE
SHERMAN AVE
GREIF BROS.
McKINLEY AVE
LINDSEY
NYPA ACCESS ROAD
TOWN OF LEWISTON
TOWN OF NIAGARA
HYDE PARK LANDFILL
THORNDALE
TERRACE DR
LAFAYETTE DR
UNIVERSITY CT
LAFAYETTE AVE.
RANKINE ROAD
LEWISTON ROAD
MCKOWN/BIRCH DR.
PATRICIA DR
WYOMING AVE.
TANK FARMERS
PENNSYLVANIA AVE.
DELAWARE AVE.
McKINLEY
NORWOOD
HARRISON
HUDSON DR.
CRESCENT DR.
ORMOND
JAMES AVE.
LEWISTON ROAD
HAYDEN
BEVERLY ST.
BELL ST.
ROSELLE
NEW YORK CENTRAL RAILROAD
JAMES ST.
RICHLAND AVE
MARTLAND AVE
LOCUST ROAD

574.30 AFW-2U-04	
~572 PW-10U	
585.82 J2U-04	
577.14 J6-04	
582.43 J5U-04	
~570 PW-2UR	
577.44 D2U-04	578.59 D1U-04
572.30 PW-4U	
~563 PW-5UR	
582.19 I1-04	
584.47 F4U-04	560 PW-6UR
590.72 H5-04	
576.04 F2U-04	
589.94 G1U-04	
589.75 G6-04	
564.03 E6-04	
569.43 F6-04	

570 575 565 580 585 590

figure 3
FZ-04 Potentiometric Surface September 2011
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
- ~ 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.

N

figure 4
FZ-05 Potentiometric Surface September 2011
3rd Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York

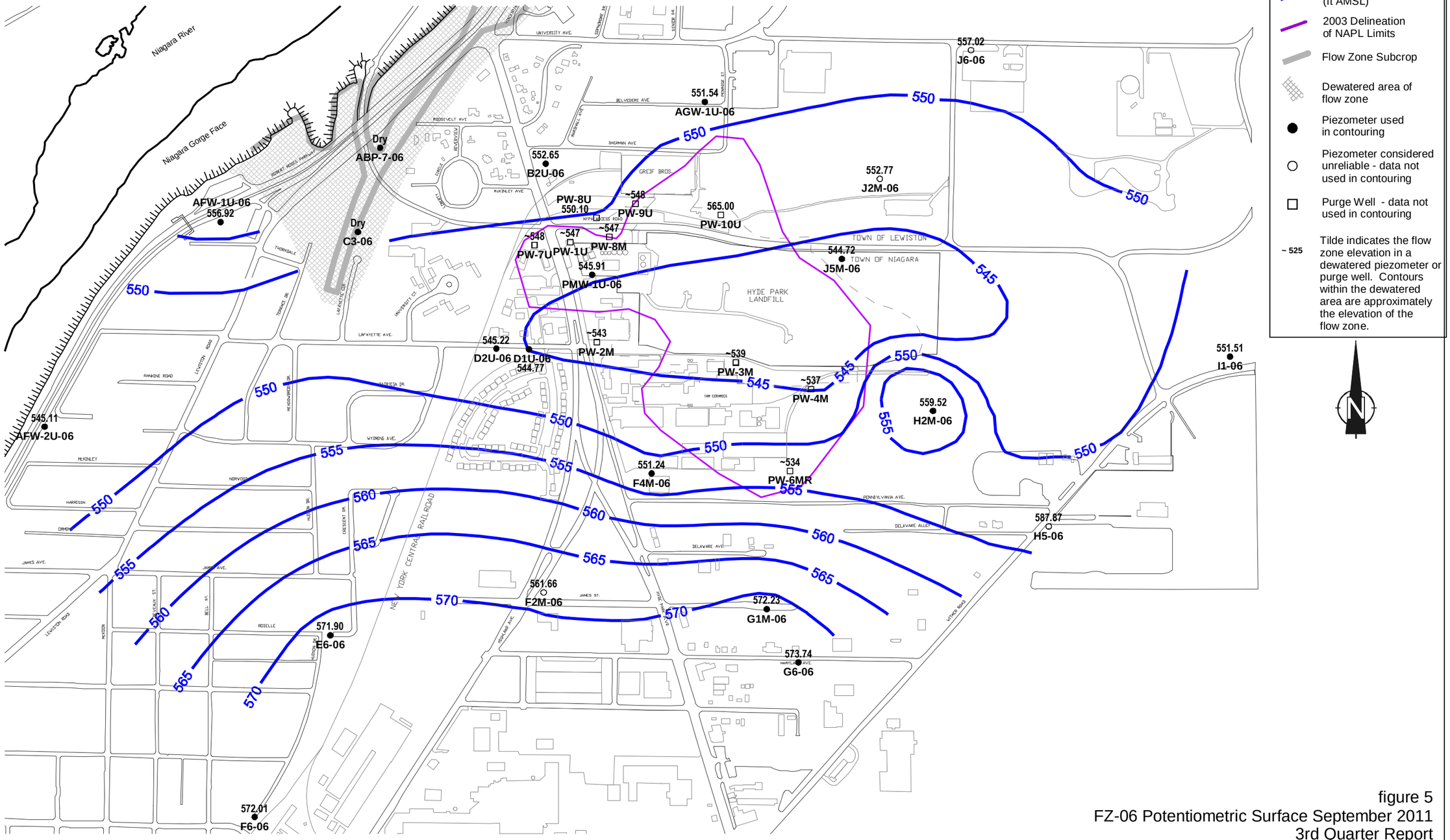


figure 5
FZ-06 Potentiometric Surface September 2011
3rd Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York

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
- ~ 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.

N

ABP-1-07 547.27
~536 APW-1
552.66 J6-07
554.69 AGW-1M-07
~534 ABP-7-07
543.09 B2M-07
~534 AFW-1M-07
537.74 C3-07
~527 PW-8M
552.31 J5M-07
533.28 PMW-1M-07
~523 PW-2M
524.88 D2M-07
532.33 D1M-07
~519 PW-3M
524.30 PW-4M
552.19 I1-07
~528 AFW-2M-07
529.61 F4M-07
~514 PW-6MR
555.71 H5-07
519.89 F2M-07
554.35 E6-07
579.85 G1M-07
579.97 G6-07
567.35 F6-07

Niagara River
Niagara Gorge Face
TOWN OF LEWISTON
TOWN OF NIAGARA
HYDE PARK LANDFILL
NEW YORK CENTRAL RAILROAD

figure 6
FZ-07 Potentiometric Surface September 2011
3rd Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York

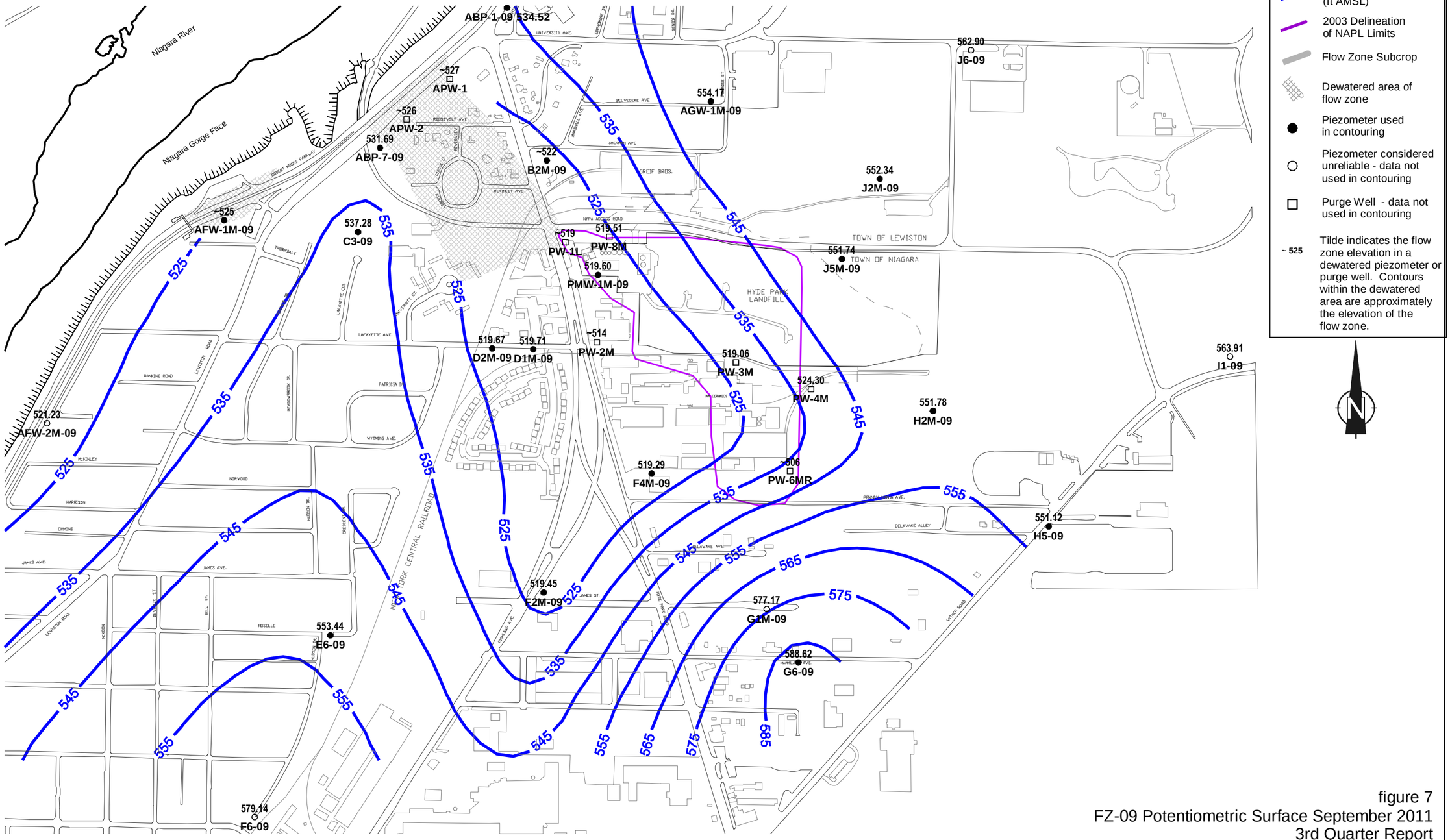


figure 7
FZ-09 Potentiometric Surface September 2011
3rd Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York

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
- ~ 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.

N

figure 8
FZ-11 Potentiometric Surface September 2011
3rd Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York

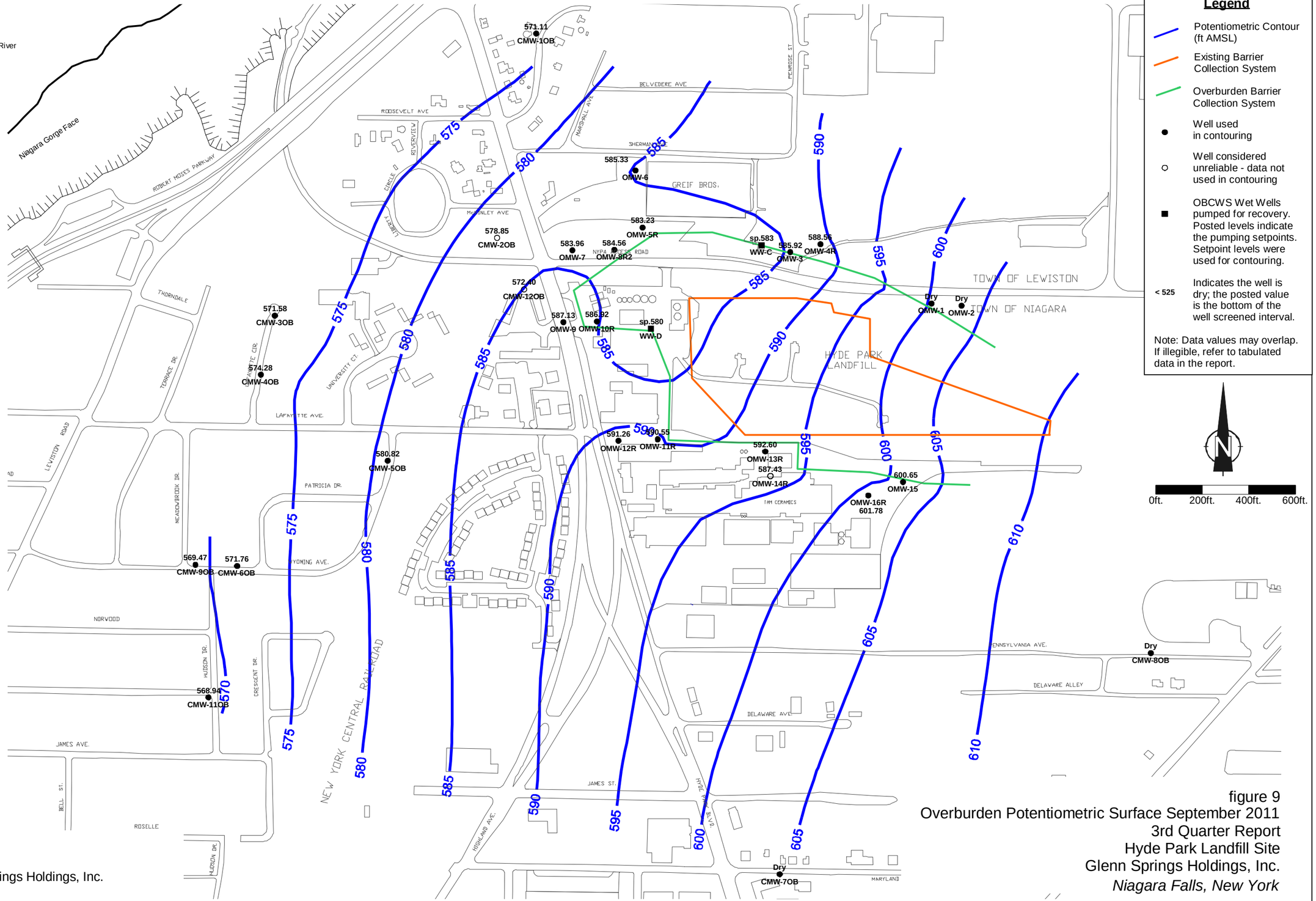


figure 9
Overburden Potentiometric Surface September 2011
3rd Quarter Report
Hyde Park Landfill Site
Glenn Springs Holdings, Inc.
Niagara Falls, New York

Glenn Springs Holdings, Inc.

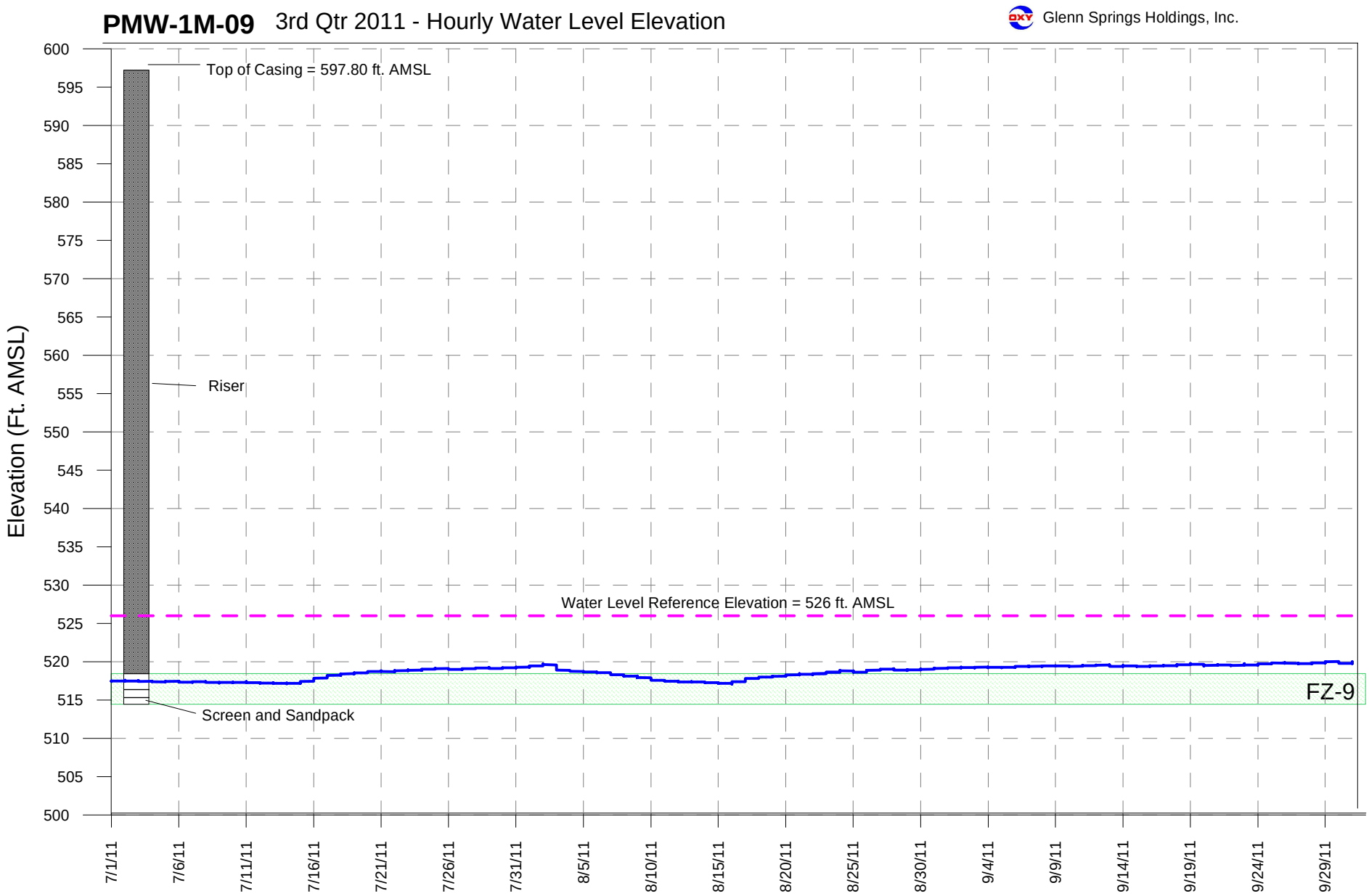

PMW-1M-09
3rd Qtr 2011 - Hourly Water Level Elevation
Glenn Springs Holdings, Inc.
Top of Casing = 597.80 ft. AMSL
Riser
Water Level Reference Elevation = 526 ft. AMSL
Screen and Sandpack
FZ-9
Elevation (Ft. AMSL)
600
595
590
585
580
575
570
565
560
555
550
545
540
535
530
525
520
515
510
505
500
7/1/11
7/6/11
7/11/11
7/16/11
7/21/11
7/26/11
7/31/11
8/5/11
8/10/11
8/15/11
8/20/11
8/25/11
8/30/11
9/4/11
9/9/11
9/14/11
9/19/11
9/24/11
9/29/11

figure 10

TABLES

TABLE 1

WATER LEVEL ELEVATION SUMMARY
THIRD QUARTER 2011
HYDE PARK RRT PROGRAM

Well	*Reference Elevation (ft AMSL)*	*Depth to Water (ft)*	*Water Level Elevation (ft AMSL)*
Overburden			
CMW-2OB	590.79	11.94	578.85
CMW-3OB	582.13	10.55	571.58
CMW-4OB	574.28	Surcharged	Surcharged
CMW-5OB	583.43	2.61	580.82
CMW-6OB	571.89	0.13	571.76
CMW-7OB	611.00	Dry	Dry
CMW-8OB	616.11	Dry	Dry
CMW-9OB	571.76	2.29	569.47
CMW-1OB	576.80	5.69	571.11
CMW-11OB	572.85	3.91	568.94
CMW-12OB	594.74	22.34	572.40
OMW-1	605.28	Dry	Dry
OMW-2	605.99	Dry	Dry
OMW-3	598.63	112.71	485.92
OMW-4R	601.17	12.61	588.56
OMW-5R	591.31	8.08	583.23
OMW-6	587.62	2.29	585.33
OMW-7	592.74	8.78	583.96
OMW-8R2	594.67	10.11	584.56
OMW-9	595.52	8.39	587.13
OMW-10R	595.13	8.21	586.92
OMW-11R	597.52	6.97	590.55
OMW-12R	596.79	5.53	591.26
OMW-13R	601.50	8.90	592.60
OMW-14R	599.64	12.21	587.43
OMW-15	607.48	6.83	600.65
OMW-16R	607.62	5.84	601.78
SC-2	625.61	22.05	603.56
SC-3	638.72	39.96	598.76
SC-4	639.35	39.37	599.98
SC-5	634.07	(1)	(1)
SC-6	631.15	19.29	611.86
Shallow Bedrock			
CMW-1SH	576.11	13.26	562.85
CMW-2SH	590.51	20.41	570.10
CMW-3SH	581.91	32.83	549.08
CMW-4SH	574.16	8.76	565.40
CMW-5SH	583.36	9.16	574.20
CMW-6SH	572.05	10.38	561.67
CMW-7SH	610.58	13.11	597.47
CMW-8SH	615.95	10.75	605.20
CMW-9SH	571.96	12.28	559.68
CMW-11SH	573.21	8.43	564.78
CMW-12SH	597.02	27.38	569.64
Flow Zone 1			
G1U-01	617.08	18.90	598.18
G6-01	609.24	10.68	598.56
H2U-01	620.92	14.01	606.91
H5-01	617.61	Dry	Dry
I1-01	625.58	28.25	597.33

TABLE 1

WATER LEVEL ELEVATION SUMMARY
THIRD QUARTER 2011
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	25.88	574.01
F4U-02	602.32	17.36	584.96
G1-02	616.86	26.78	590.08
G6-02	608.65	19.29	589.36
H2U-02	620.88	30.27	590.61
H5-02	617.47	26.80	590.67
I1-02	625.47	41.58	583.89
J2U-02	609.66	21.33	588.33
J5U-02	606.21	16.47	589.74
J6-02	609.23	17.94	591.29
Flow Zone 4			
AFW-2U-04	593.48	19.18	574.30
D1U-04	593.77	15.18	578.59
D2U-04	590.65	13.21	577.44
E6-04	578.23	14.20	564.03
F2U-04	599.76	23.72	576.04
F4U-04	602.19	17.72	584.47
F6-04	588.06	18.63	569.43
G1U-04	616.96	27.02	589.94
G6-04	609.15	19.40	589.75
H5-04	617.40	26.68	590.72
I1-04	625.30	43.11	582.19
J2U-04	609.42	23.60	585.82
J5U-04	606.05	23.62	582.43
J6-04	609.12	31.98	577.14
Flow Zone 5			
AFW-2U-05	593.33	19.33	574.00
AGW-1U-05	591.80	13.61	578.19
D1U-05	593.51	15.81	577.70
D2U-05	590.56	12.92	577.64
E6-05	578.04	12.24	565.80
F2U-05	599.64	23.21	576.43
F4U-05	602.06	18.89	583.17
F6-05	587.85	18.47	569.38
G6-05	609.13	21.25	587.88
H2M-05	621.59	31.01	590.58
H5-05	617.31	28.26	589.05
I1-05	625.25	70.49	554.76
J2U-05	609.30	34.37	574.93
J5U-05	605.87	30.91	574.96
J6-05	609.02	32.44	576.58
PMW-1U-05	598.00	21.53	576.47

TABLE 1

WATER LEVEL ELEVATION SUMMARY
THIRD QUARTER 2011
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	14.91	556.92
AFW-2U-06	593.22	48.11	545.11
AGW-1U-06	591.66	40.12	551.54
B2U-06	589.29	36.64	552.65
C3-06	585.78	Dry	Dry
D1U-06	593.25	48.48	544.77
D2U-06	590.38	45.16	545.22
E6-06	577.99	6.09	571.90
F2M-06	599.06	37.40	561.66
F4M-06	602.05	50.81	551.24
F6-06	587.84	15.83	572.01
G1M-06	616.75	44.52	572.23
G6-06	609.09	35.35	573.74
H2M-06	621.42	61.90	559.52
H5-06	617.17	29.30	587.87
I1-06	625.15	73.64	551.51
J2M-06	608.94	56.17	552.77
J5M-06	606.22	61.50	544.72
J6-06	608.93	51.91	557.02
PMW-1U-06	597.92	52.01	545.91
Flow Zone 7			
ABP-1-07	576.44	29.17	547.27
ABP-7-07	575.73	42.19	533.54
AFW-1M-07	571.41	Dry	Dry
AFW-2M-07	593.44	66.82	526.62
AGW-1M-07	592.91	38.22	554.69
B2M-07	589.52	46.43	543.09
C3-07	585.62	47.88	537.74
D1M-07	594.15	61.82	532.33
D2M-07	590.77	65.89	524.88
E6-07	577.91	23.56	554.35
F2M-07	598.91	79.02	519.89
F4M-07	601.91	72.30	529.61
F6-07	587.68	20.33	567.35
G1M-07	616.68	36.83	579.85
G6-07	609.06	29.09	579.97
H5-07	617.05	61.34	555.71
I1-07	625.14	72.95	552.19
J5M-07	606.07	53.76	552.31
J6-07	608.85	56.19	552.66
PMW-1M-07	598.50	65.22	533.28

TABLE 1

WATER LEVEL ELEVATION SUMMARY
THIRD QUARTER 2011
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	40.97	534.52
ABP-7-09	575.67	43.98	531.69
AFW-1M-09	571.12	46.17	524.95
AFW-2M-09	593.32	72.09	521.23
AGW-1M-09	592.75	38.58	554.17
B2M-09	589.34	68.69	520.65
C3-09	585.00	47.72	537.28
D1M-09	594.02	74.31	519.71
D2M-09	590.66	70.99	519.67
E6-09	577.82	24.38	553.44
F2M-09	598.71	79.26	519.45
F4M-09	601.79	82.50	519.29
F6-09	587.53	8.39	579.14
G1M-09	616.58	39.41	577.17
G6-09	608.98	20.36	588.62
H2M-09	621.32	69.54	551.78
H5-09	616.93	65.81	551.12
I1-09	624.91	61.00	563.91
J2M-09	608.77	56.43	552.34
J5M-09	605.82	54.08	551.74
J6-09	608.76	45.86	562.90
PMW-1M-09	598.34	78.74	519.60
Flow Zone 11			
AFW-1L-11	572.10	66.15	505.95
AFW-2L-11	593.43	98.73	494.70
AGW-1L-11	592.71	19.48	573.23
B2L-11	589.65	91.33	498.32
D1L-11	593.80	92.23	501.57
D2L-11	590.21	70.11	520.10
E6-11	577.72	47.52	530.20
F2L-11	598.94	51.49	547.45
F4L-11	602.22	34.61	567.61
F6-11	587.40	60.84	526.56
G1L-11	616.84	53.69	563.15
G6-11	608.89	42.01	566.88
H2L-11	620.73	62.59	558.14
H5-11	616.81	66.19	550.62
I1-11	624.75	76.40	548.35
J5L-11	607.20	58.82	548.38
J6-11	608.68	26.22	582.46
PMW-1L-11	598.84	88.60	510.24

Notes:
ft AMSL Feet above mean sea level.
(1) Obstruction in well at 28.14 ft bgs.

TABLE 2

LEACHATE TREATMENT SYSTEM DAILY EFFLUENT MONITORING DATA
THIRD QUARTER - 2011
HYDE PARK RRT PROGRAM

	Effluent			
Date	*Phenol (mg/L)*	*pH (su)*	*Flow (gal)*	*Comments*
07/01/11	-	6.90	60000	
07/05/11	0.025	6.90	136000	
07/07/11	-	7.00	269000	
07/11/11	-	7.10	109000	
07/12/11	-	6.90	122000	
07/13/11	0.016	6.70	95000	
07/14/11	-	6.80	59000	
07/15/11	-	6.80	35000	
07/18/11	-	6.70	147000	
07/19/11	0.044	6.70	32000	
07/22/11	-	6.70	100000	
07/25/11	-	6.90	110000	
07/26/11	-	6.90	86000	
07/27/11	0.0086 J	6.90	46000	
07/28/11	-	6.90	64000	
07/29/11	-	6.90	67000	
08/01/11	-	7.10	130000	
08/02/11	-	6.90	65000	
08/03/11	0.0069 J	6.90	50000	
08/04/11	-	6.60	62000	
08/05/11	-	6.90	50000	
08/08/11	-	8.00	132000	
08/09/11	-	7.10	79000	
08/10/11	0.0098 J	6.90	54000	
08/11/11	-	6.70	91000	
08/15/11	-	6.70	107000	
08/16/11	-	6.90	112000	
08/18/11	-	6.90	41000	
08/19/11	-	6.90	74000	
08/23/11	-	6.90	125000	
08/24/11	0.0066 J	6.80	85000	
08/25/11	-	6.90	51000	
08/26/11	-	6.90	66000	
08/29/11	-	6.90	115000	
08/31/11	0.012	6.90	104000	
09/01/11	-	6.90	49000	
09/06/11	-	6.70	162000	
09/07/11	0.0064	6.70	128000	
09/12/11	-	6.90	143000	
09/13/11	-	7.10	133000	
09/14/11	0.014	7.00	71000	
09/16/11	-	7.10	87000	
09/19/11	-	6.90	118000	
09/20/11	-	7.10	44000	
09/21/11	0.026	7.10	36000	
09/23/11	-	7.10	85000	
09/26/11	-	7.10	133000	
09/27/11	-	7.10	125000	
09/28/11	0.014	7.00	124000	
09/29/11	-	6.90	88000	
09/30/11	-	7.10	58000	

Notes:

J	Estimated.
mg/L	Milligram per liter.
su	Standard unit.
gal	Gallons.
-	Not available.

TABLE 3

ANALYTICAL RESULTS SUMMARY
WEEKLY SAMPLING - LEACHATE TREATMENT SYSTEM
THIRD QUARTER - 2011
HYDE PARK RRT PROGRAM

Effluent

Parameter	*Units*	*07/05/11*	*07/13/11*	*07/19/11*	*07/27/11*	*08/03/11*	*08/10/11*	*08/17/11*	*08/24/11*
Volatiles									
1,1,1-Trichloroethane	µg/L	20 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	20 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	20 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	20 U	1.0 U	1.0 U	1.0 U	1.0 U	0.14 J	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	20 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	20 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	20 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	20 U	1.0	0.89 J	1.1	0.67 J	0.95 J	0.89 J	0.71 J
1,2-Dichloropropane	µg/L	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	20 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	20 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	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
3-Chlorotoluene	µg/L	20 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	20 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	20 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	20 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	20 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	20 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	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	20 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	20 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	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	20 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	20 U	1.0 U	1.0 U	1.0	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	20 U	5.9	5.1	5.9	5.6	6.2	5.9	5.2
cis-1,3-Dichloropropene	µg/L	20 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	20 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	20 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	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m-Monochlorobenzotrifluoride	µg/L	20 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	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
p-Monochlorobenzotrifluoride	µg/L	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	20 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	20 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	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	20 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	20 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	20 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	20 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	20 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	550	2.7	1.9	1.8	1.3	1.7	1.8	1.2
Xylenes (total)	µg/L	60 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 SUMMARY
WEEKLY SAMPLING - LEACHATE TREATMENT SYSTEM
THIRD QUARTER - 2011
HYDE PARK RRT PROGRAM

Effluent

Parameter	Units	08/31/11	09/07/11	09/14/11	09/21/11	09/28/11
1,1,1-Trichloroethane	µg/L	1.0 U	1.0	1.0	1.0	1.0
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0	1.0	1.0	1.0
1,1,2-Trichloroethane	µg/L	1.0 U	1.0	1.0	1.0	1.0
1,1-Dichloroethane	µg/L	1.0 U	1.0	1.0	1.0	1.0
1,1-Dichloroethene	µg/L	1.0 U	1.0	1.0	1.0	1.0
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0	1.0	1.0	1.0
1,2-Dichlorobenzene	µg/L	1.0 U	1.0	1.0	1.0	1.0
1,2-Dichloroethane	µg/L	0.65 J	0.63	0.65	0.63	0.54
1,2-Dichloropropane	µg/L	1.0 U	1.0	1.0	1.0	1.0
1,3-Dichlorobenzene	µg/L	1.0 U	1.0	1.0	1.0	1.0
1,4-Dichlorobenzene	µg/L	1.0 U	1.0	1.0	1.0	1.0
2-Chlorotoluene	µg/L	1.0 U	1.0	1.0	1.0	1.0
3-Chlorotoluene	µg/L	1.0 U	1.0	1.0	1.0	1.0
4-Chlorotoluene	µg/L	1.0 U	1.0	1.0	1.0	1.0
Benzene	µg/L	1.0 U	1.0	1.0	1.0	1.0
Bromodichloromethane	µg/L	1.0 U	1.0	1.0	1.0	1.0
Bromoform	µg/L	1.0 U	1.0	1.0	1.0	1.0
Bromomethane (Methyl Bromide)	µg/L	1.0 U	1.0	1.0	1.0	1.0
Carbon disulfide	µg/L	1.0 U	1.0	1.0	1.0	1.0
Carbon tetrachloride	µg/L	1.0 U	1.0	1.0	1.0	1.0
Chlorobenzene	µg/L	1.0 U	1.0	1.0	1.0	1.0
Chloroethane	µg/L	1.0 U	1.0	1.0	1.0	1.0
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0	1.0	1.0	1.0
Chloromethane (Methyl Chloride)	µg/L	1.0 U	1.0	1.0	1.0	1.0
cis-1,2-Dichloroethene	µg/L	4.8	5.0	4.3	4.4	3.8
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0	1.0	1.0	1.0
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0	1.0	1.0	1.0
Ethylbenzene	µg/L	1.0 U	1.0	1.0	1.0	1.0
Methylene chloride	µg/L	1.0 U	1.0	1.0	1.0	1.0
m-Monochlorobenzotrifluoride	µg/L	1.0 U	1.0	1.0	1.0	1.0
o-Monochlorobenzotrifluoride	µg/L	1.0 U	1.0	1.0	1.0	1.0
p-Monochlorobenzotrifluoride	µg/L	1.0 U	1.0	1.0	1.0	1.0
Styrene	µg/L	1.0 U	1.0	1.0	1.0	1.0
Tetrachloroethene	µg/L	1.0 U	1.0	1.0	1.0	1.0
Toluene	µg/L	1.0 U	1.0	1.0	1.0	1.0
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0	1.0	1.0	1.0
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0	1.0	1.0	1.0
Trichloroethene	µg/L	1.0 U	1.0	1.0	1.0	1.0
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0	1.0	1.0	1.0
Vinyl acetate	µg/L	1.0 U	1.0	1.0	1.0	1.0
Vinyl chloride	µg/L	0.97 J	1.2	0.85	0.93	1.2
Xylenes (total)	µg/L	3.0 U	3.0	3.0	3.0	3.0

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

TABLE 4

ANALYTICAL RESULTS SUMMARY
QUARTERLY SAMPLING - LEACHATE TREATMENT SYSTEM
THIRD QUARTER - 2011
HYDE PARK RRT PROGRAM

Effluent

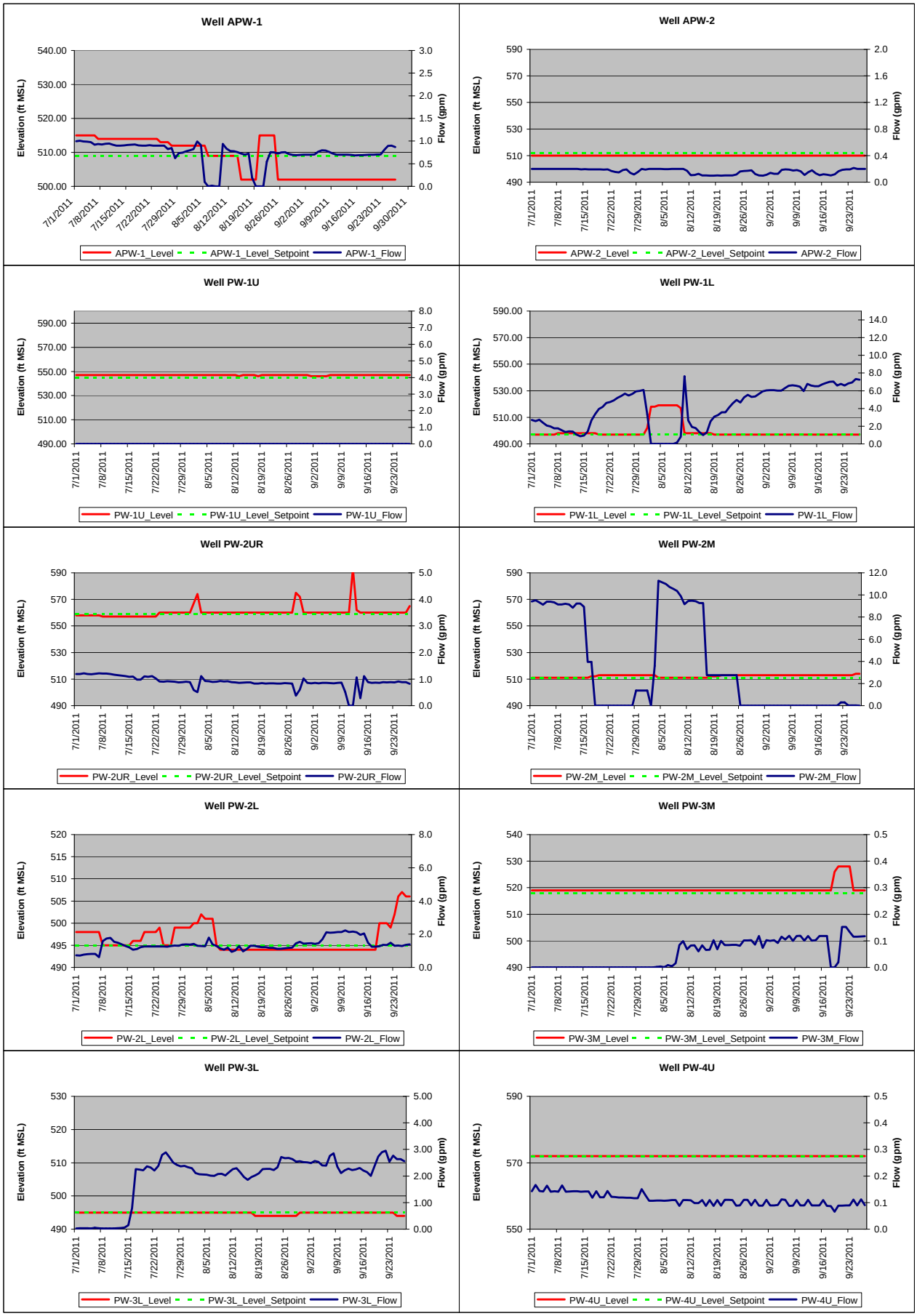
	Sample ID:	*HP6811 EFF*
	Sample Date:	*06/08/11*
Parameter	***Units***	
Phosphorus, Total	mg/L	0.48
Vinyl chloride	µg/L	540

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

ATTACHMENT 1

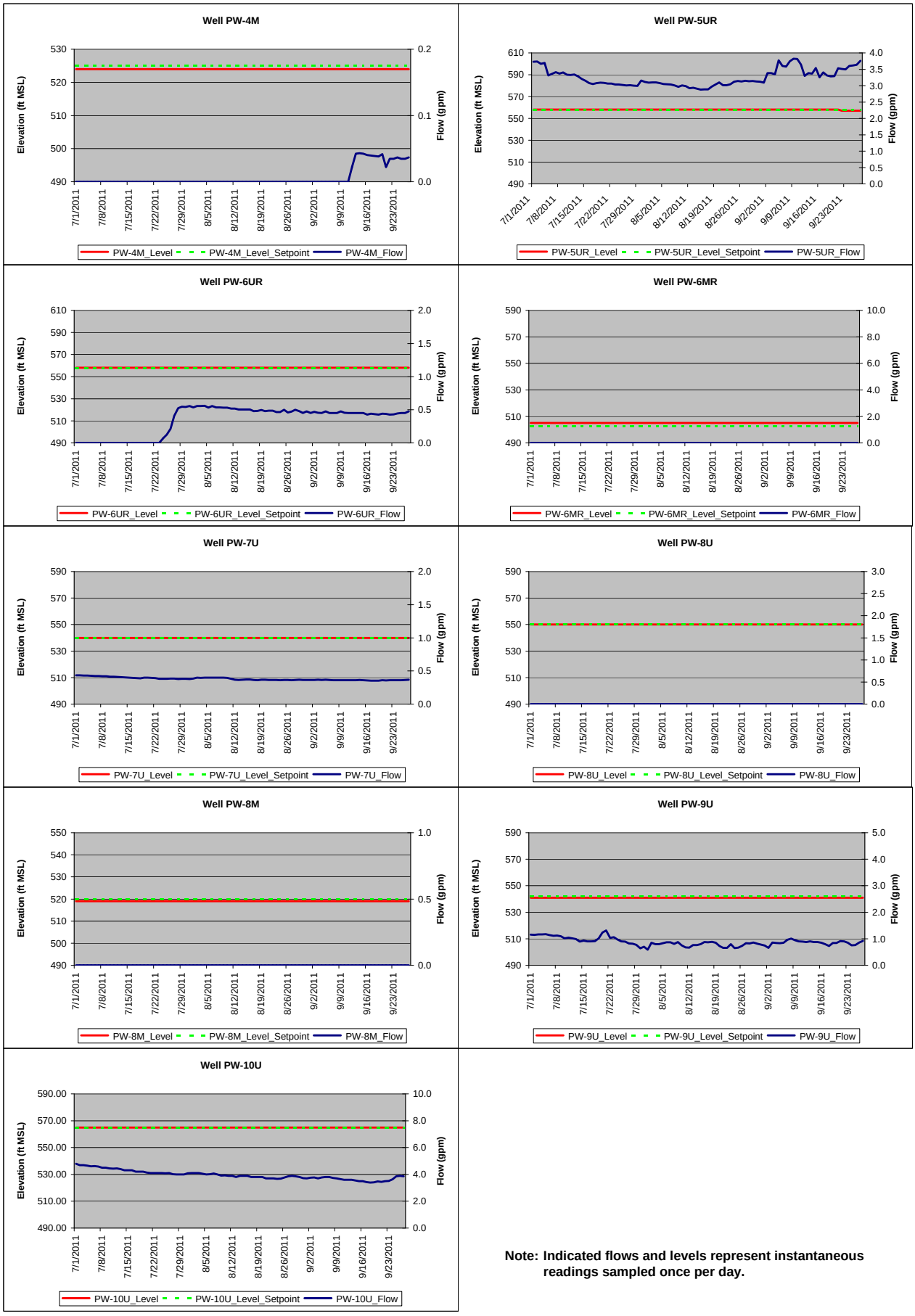
ATTACHMENT 1

THIRD QUARTER 2011 - PUMPING LEVELS AND FLOWS-HYDE PARK



ATTACHMENT 1

THIRD QUARTER 2011 - PUMPING LEVELS AND FLOWS-HYDE PARK



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