



Glenn Springs Holdings, Inc.

A subsidiary of Occidental Petroleum

Clint Babcock
Project Manager
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January 30, 2009

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 – 4th Quarter 2008**
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 of October 1, 2008 to December 31, 2008. During this period a total of 8 million gallons of aqueous phase liquid (APL) were 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.

The purge well graphs for wells APW-2, PW1U, and PW-2L show gradually increasing flow in the 4th quarter of 2008. The purge well graphs for wells PW-8U and PW-8M show sudden spikes in flow at the end of December 2008. This is due to a combination of increased runtime and reliability due to the November 2008 radio installations, and late-December weather events.

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.

Sincerely,

Clinton J. Babcock
Project Manager

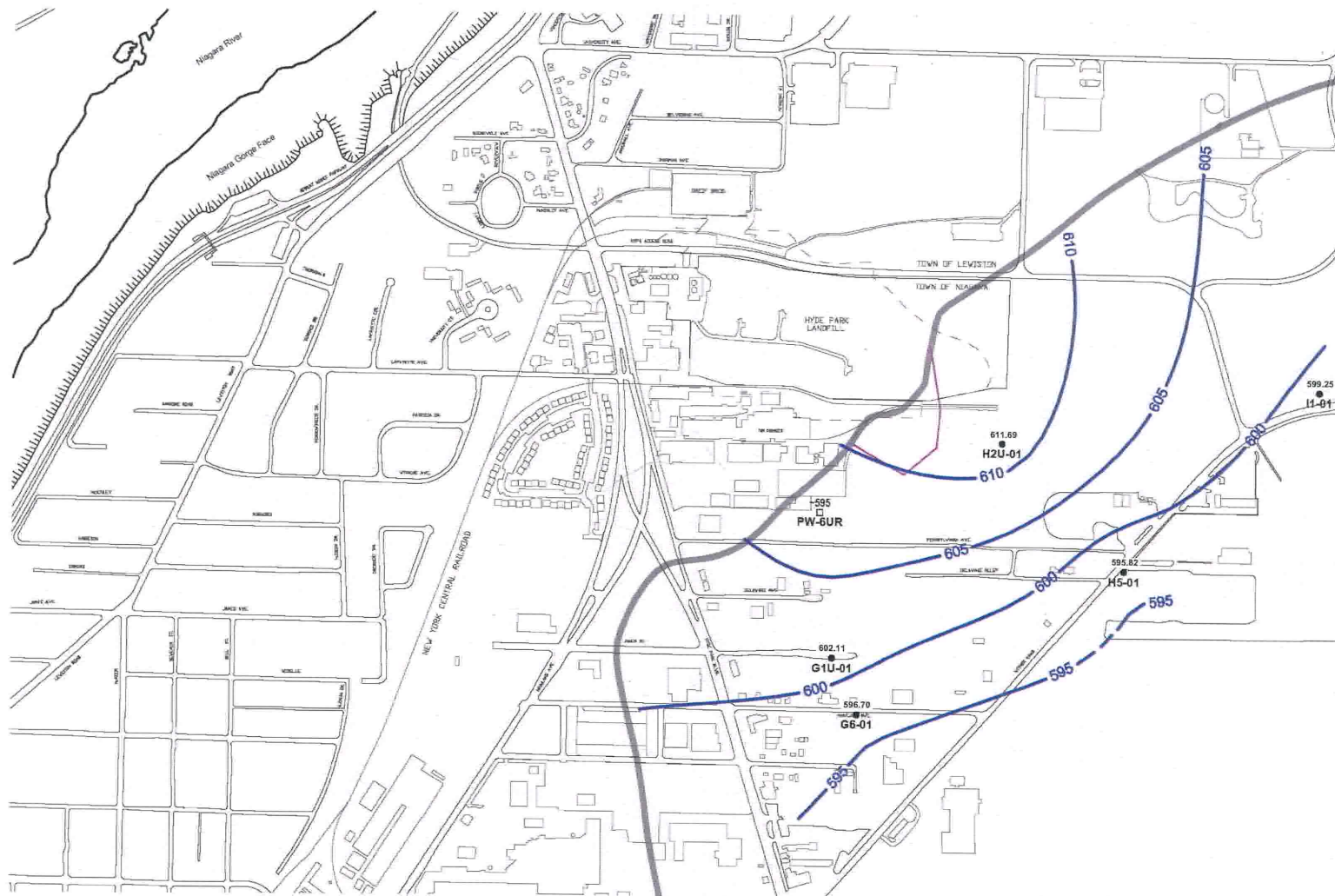
CJB/JP/bjw/001069-SosaWell-21
Enclosure

M. Anderson, GSHI - 1*
M. Forcucci, NYSDOH - 1*
D. Hoyt, CRA - 1
T. Raby, EarthTech - 1*

J. Pentilchuk, CRA - 1
G Sutton, NYSDEC - 1*
G. Sosa, USEPA - 4*
W. Welling, NYSDEC - 2*

*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.

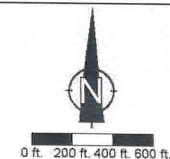
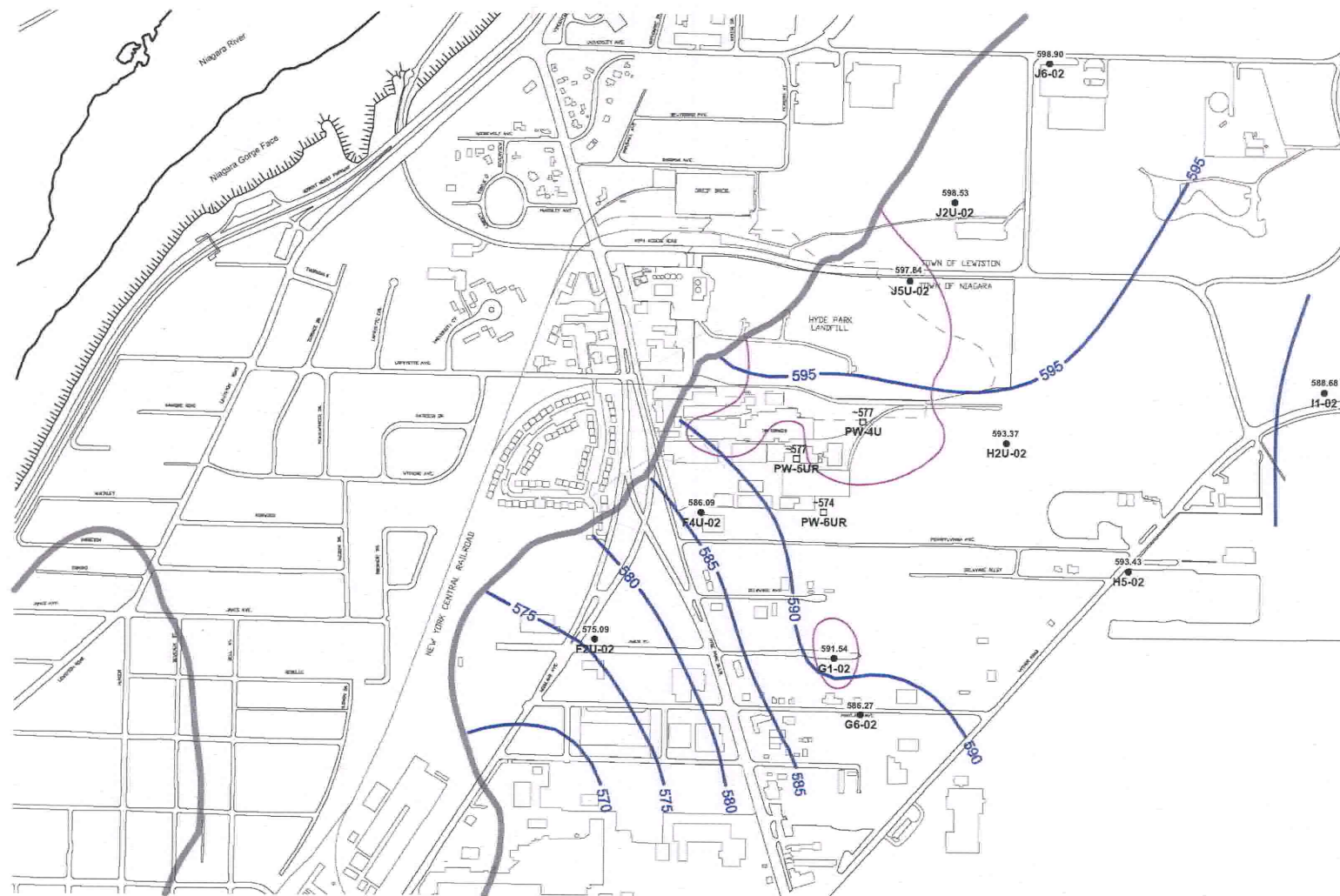


figure 1
FZ-01 POTENTIOMETRIC SURFACE DECEMBER 2008
4TH QUARTER REPORT
HYDE PARK LANDFILL SITE
Town of Niagara, NY



Glenn Springs Holdings, Inc.



- Legend**
- Potentiometric Contour (ft AMSL)
 - 2003 Delineation of NAPL Limits
 - Flow Zone Subcrop
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 - 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.

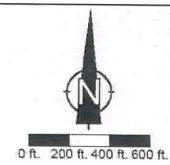
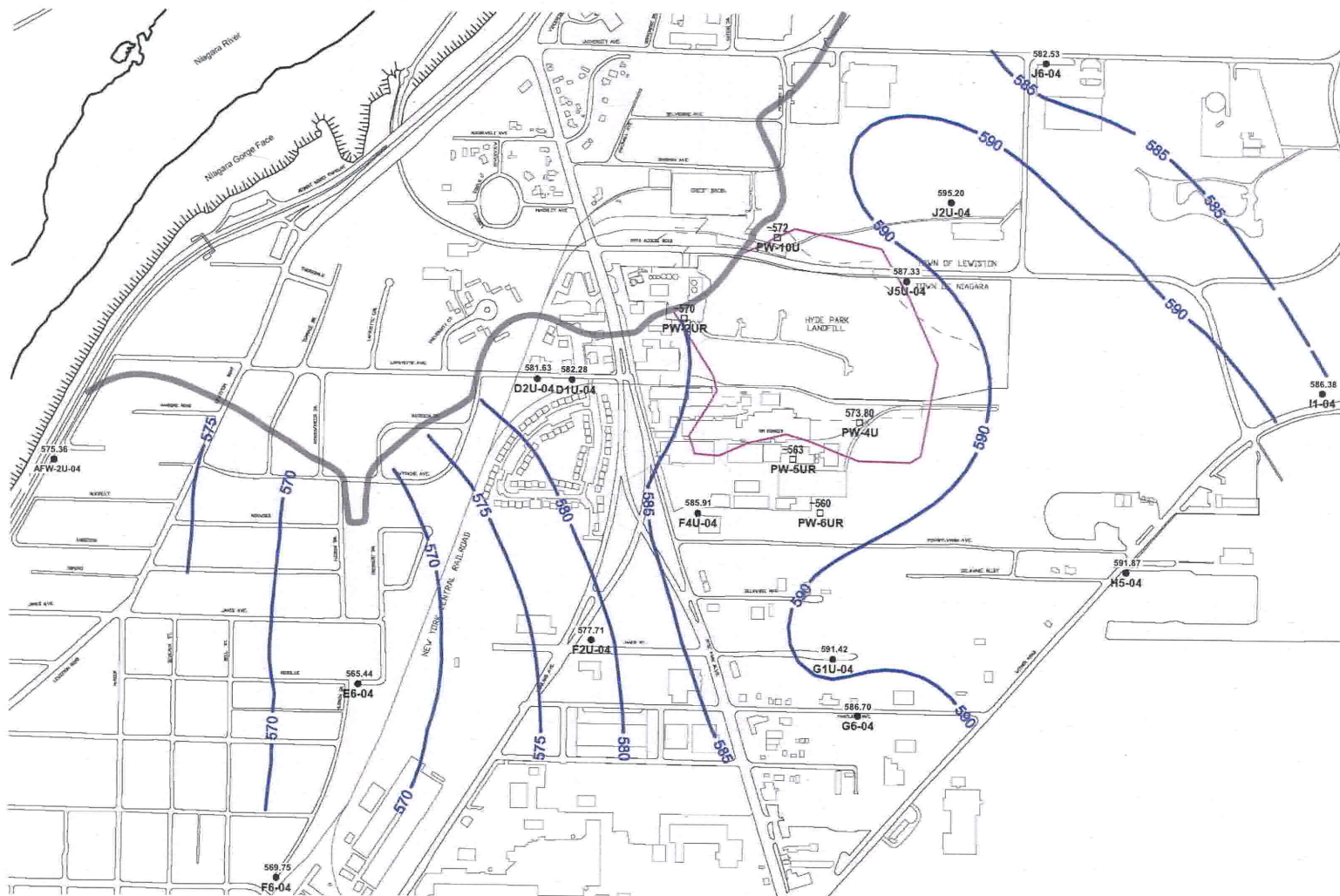


figure 2
FZ-02 POTENTIOMETRIC SURFACE DECEMBER 2008
4TH QUARTER REPORT
HYDE PARK LANDFILL SITE
Town of Niagara, NY



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.

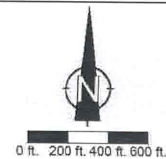


figure 3
FZ-04 POTENTIOMETRIC SURFACE DECEMBER 2008
4TH QUARTER REPORT
HYDE PARK LANDFILL SITE
Town of Niagara, NY



Glenn Springs Holdings, Inc.

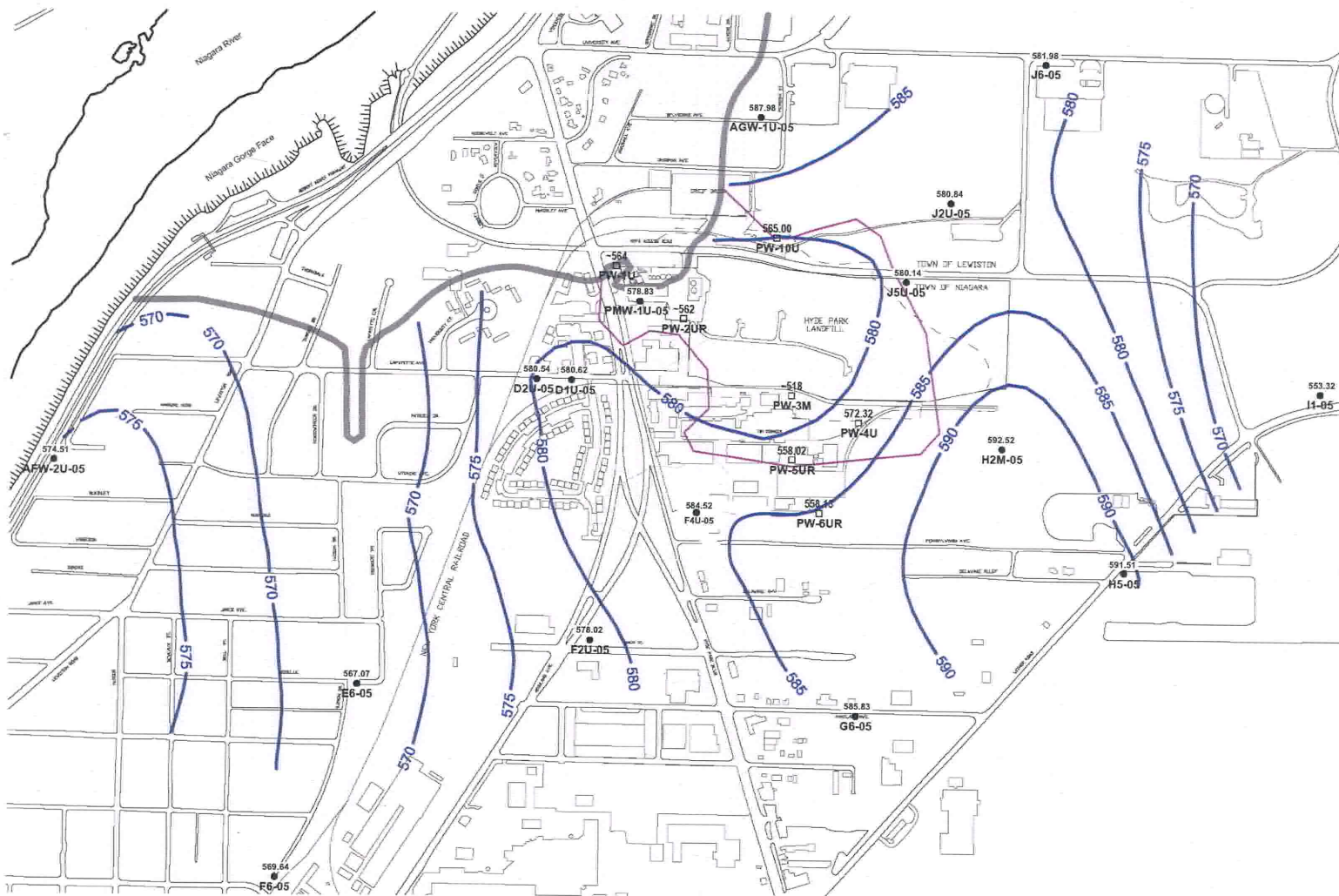
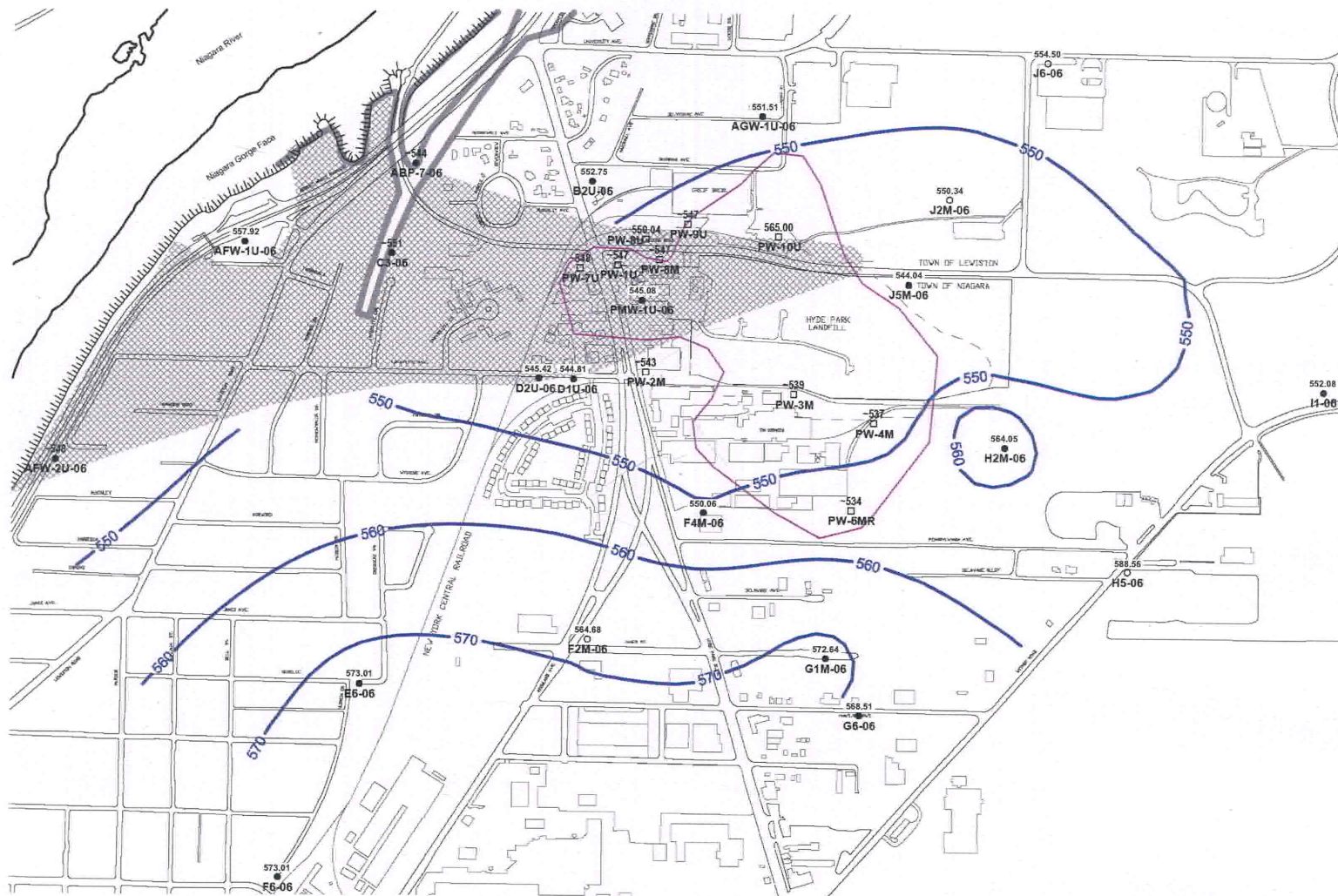


figure 4
FZ-05 POTENTIOMETRIC SURFACE DECEMBER 2008
4TH QUARTER REPORT
HYDE PARK LANDFILL SITE
Town of Niagara, NY



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 Tide 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.

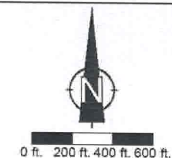
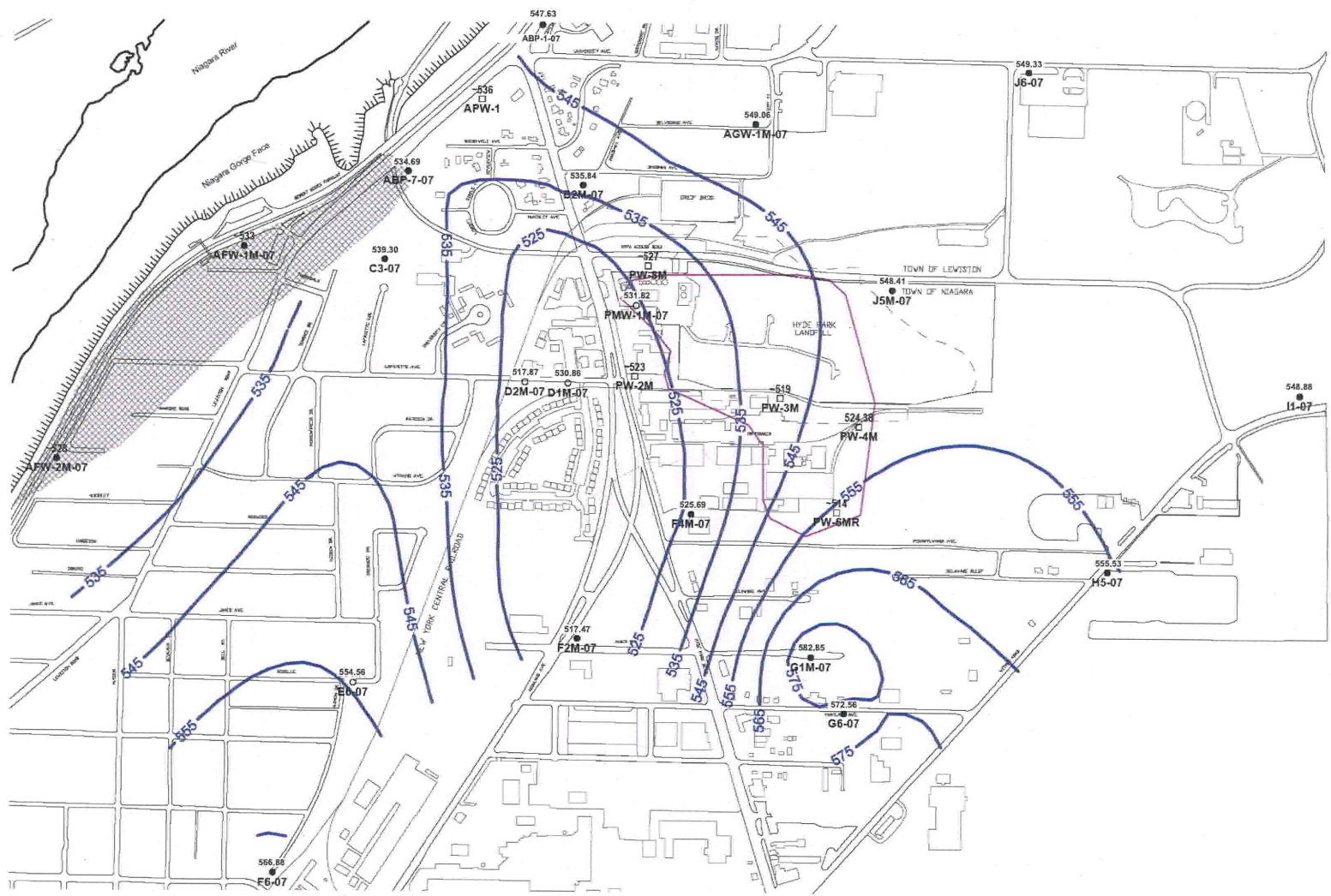


figure 5
FZ-06 POTENTIOMETRIC SURFACE DECEMBER 2008
4TH QUARTER REPORT
HYDE PARK LANDFILL SITE
Town of Niagara, NY



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.

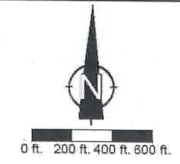
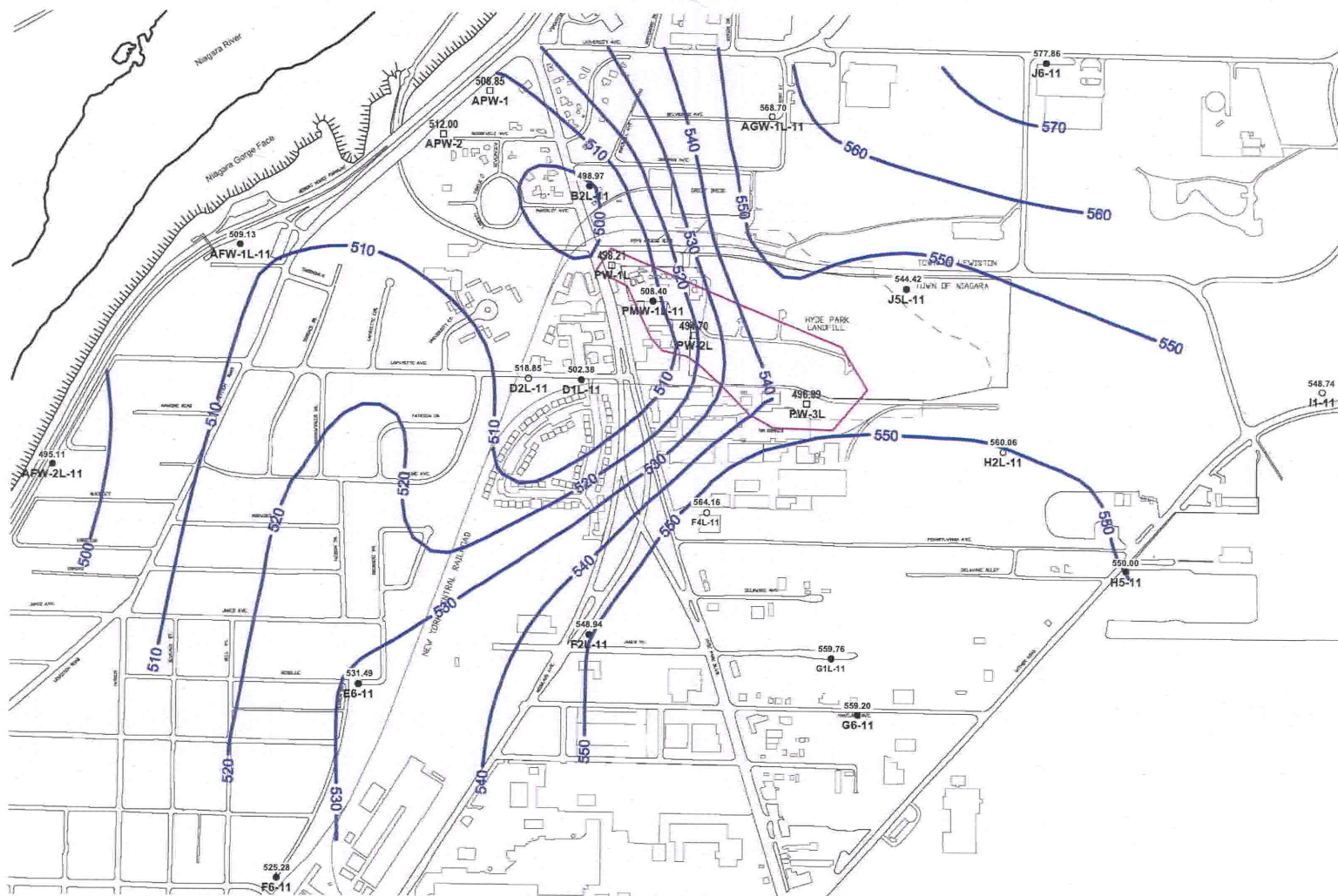


figure 6
FZ-07 POTENTIOMETRIC SURFACE DECEMBER 2008
4TH QUARTER REPORT
HYDE PARK LANDFILL SITE
Town of Niagara, NY



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.

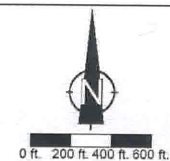


figure 8
FZ-11 POTENTIOMETRIC SURFACE DECEMBER 2008
4TH QUARTER REPORT
HYDE PARK LANDFILL SITE
Town of Niagara, NY

PMW-1M-09 4th Quarter 2008 - Hourly Water Level Elevation

Glenn Springs Holdings, Inc.

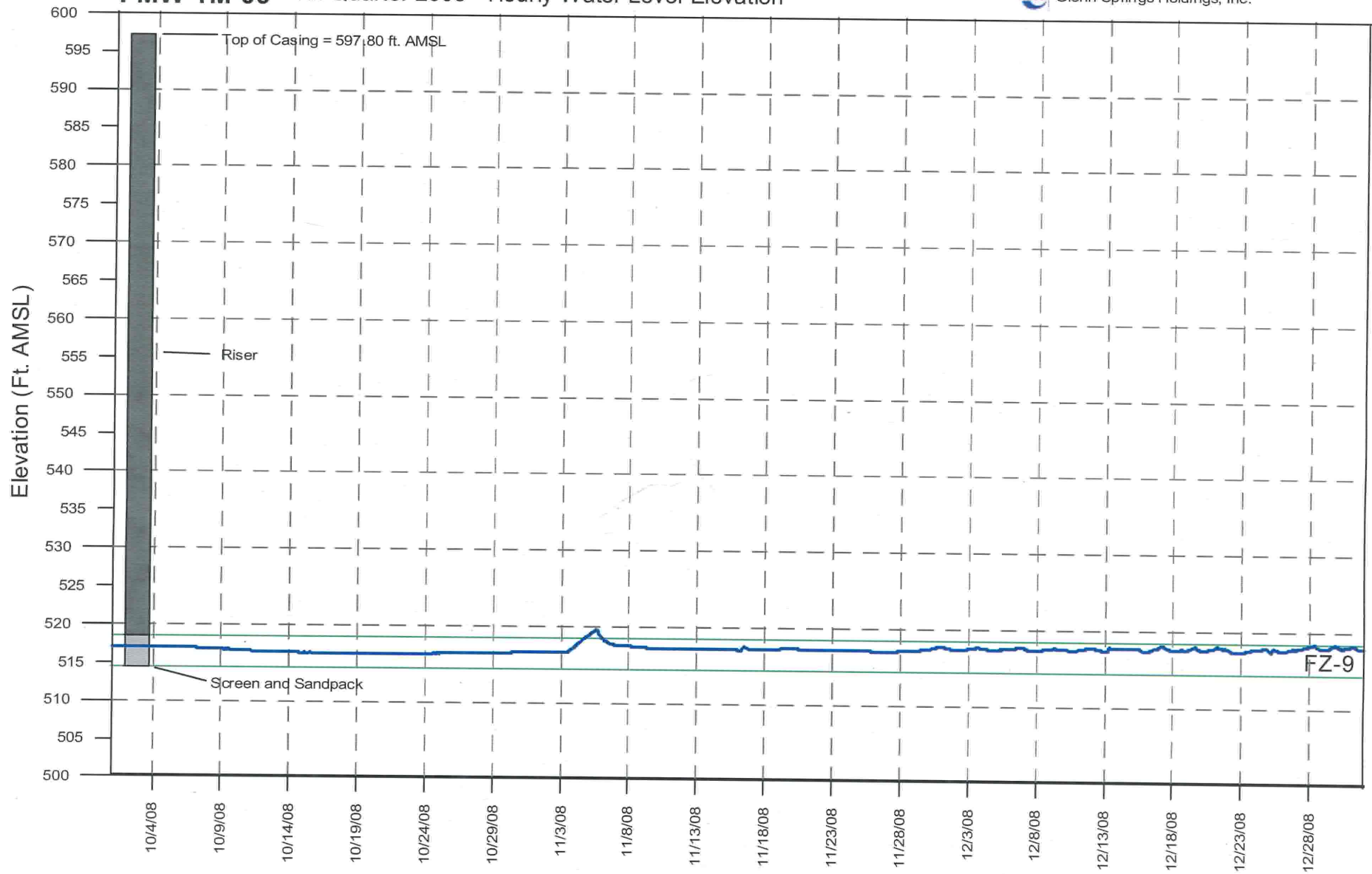


figure 10

TABLES

TABLE 1
WATER LEVEL ELEVATION SUMMARY
FOURTH QUARTER - 2008
HYDE PARK RRT PROGRAM

Well	Reference Elevation (ft AMSL)	Depth to Water (ft)	Water Level Elevation (ft AMSL)
Overburden			
CMW-2OB	590.79	0.13	590.66
CMW-3OB	582.13	9.72	572.41
CMW-4OB	574.28	0.02	574.26
CMW-5OB	583.43	0.74	582.69
CMW-6OB	571.89	2.54	569.35
CMW-7OB	611.00	4.15	606.85
CMW-8OB	616.11	-	-
CMW-9OB	571.76	2.34	569.42
CMW-10B	576.80	5.10	571.70
CMW-11OB	572.85	1.78	571.07
CMW-12OB	594.74	20.79	573.95
OMW-1	605.28	5.29	599.99
OMW-2	605.99	2.80	603.19
OMW-3	598.63	12.94	585.69
OMW-4R	601.17	12.76	588.41
OMW-5R	591.31	5.43	585.88
OMW-6	587.62	2.07	585.55
OMW-7	592.74	8.10	584.64
OMW-8R*	597.51	8.27	589.24
OMW-9	595.52	7.62	587.90
OMW-10R	595.13	8.50	586.63
OMW-11R	597.52	5.87	591.65
OMW-12R	596.79	5.00	591.79
OMW-13R	601.50	8.93	592.57
OMW-14R	599.64	6.47	593.17
OMW-15	607.48	6.45	601.03
OMW-16R	607.62	4.19	603.43
SC-2	625.61	23.2	602.41
SC-3	638.72	40.1	598.62
SC-4	639.35	22.7	616.65
SC-5	634.07	-	-
SC-6	631.15	19.5	611.65
Shallow Bedrock			
CMW-1SH	576.11	12.02	564.09
CMW-2SH	590.51	18.31	572.20
CMW-3SH	581.91	27.58	554.33
CMW-4SH	574.16	7.11	567.05
CMW-5SH	583.36	6.42	576.94
CMW-6SH	572.05	10.33	561.72
CMW-7SH	610.58	11.02	599.56
CMW-8SH	615.95	6.44	609.51
CMW-9SH	571.96	12.04	559.92
CMW-11SH	573.21	8.18	565.03
CMW-12SH	597.02	25.44	571.58
Flow Zone 1			
G1U-01	616.54	14.43	602.11
G6-01	608.70	12.00	596.70
H2U-01	620.38	8.69	611.69
H5-01	617.61	21.79	595.82
I1-01	621.55	22.30	599.25

TABLE 1
WATER LEVEL ELEVATION SUMMARY
FOURTH QUARTER - 2008
HYDE PARK RRT PROGRAM

Well	Reference Elevation (ft AMSL)	Depth to Water (ft)	Water Level Elevation (ft AMSL)
Flow Zone 2			
F2U-02	599.35	24.26	575.09
F4U-02	601.78	15.69	586.09
G1-02	616.32	24.78	591.54
G6-02	608.11	21.84	586.27
H2U-02	620.34	26.97	593.37
H5-02	617.47	24.04	593.43
I1-02	621.42	32.74	588.68
J2U-02	609.66	11.13	598.53
J5U-02	605.67	7.83	597.84
J6-02	609.23	10.33	598.90
Flow Zone 4			
AFW-2U-04	592.94	17.58	575.36
D1U-04	593.77	11.49	582.28
D2U-04	590.65	9.02	581.63
E6-04	578.23	12.79	565.44
F2U-04	599.22	21.51	577.71
F4U-04	601.65	15.74	585.91
F6-04	588.06	18.31	569.75
G1U-04	616.42	25.00	591.42
G6-04	608.61	21.91	586.70
H5-04	617.40	25.53	591.87
I1-04	621.31	34.93	586.38
J2U-04	609.42	14.22	595.20
J5U-04	605.51	18.18	587.33
J6-04	609.12	26.59	582.53
Flow Zone 5			
AFW-2U-05	592.79	18.28	574.51
AGW-1U-05	591.26	3.28	587.98
D1U-05	593.51	12.89	580.62
D2U-05	590.56	10.02	580.54
E6-05	578.04	10.97	567.07
F2U-05	599.10	21.08	578.02
F4U-05	601.52	17.00	584.52
F6-05	587.85	18.21	569.64
G6-05	608.59	22.76	585.83
H2M-05	621.05	28.53	592.52
H5-05	617.31	25.80	591.51
I1-05	621.21	67.89	553.32
J2U-05	609.30	28.46	580.84
J5U-05	605.33	25.19	580.14
J6-05	609.02	27.04	581.98
PMW-1U-05	597.46	18.63	578.83

TABLE 1
WATER LEVEL ELEVATION SUMMARY
FOURTH QUARTER - 2008
HYDE PARK RRT PROGRAM

Well	Reference Elevation (ft AMSL)	Depth to Water (ft)	Water Level Elevation (ft AMSL)
Flow Zone 6			
ABP-7-06	575.24	-	-
AFW-1U-06	571.83	13.91	557.92
AFW-2U-06	592.68	48.13	544.55
AGW-1U-06	591.12	39.61	551.51
B2U-06	588.75	36.00	552.75
C3-06	585.24	-	-
D1U-06	593.25	48.44	544.81
D2U-06	590.38	44.96	545.42
E6-06	577.99	4.98	573.01
F2M-06	598.52	33.84	564.68
F4M-06	601.51	51.45	550.06
F6-06	587.84	14.83	573.01
G1M-06	616.21	43.57	572.64
G6-06	608.55	40.04	568.51
H2M-06	620.88	56.83	564.05
H5-06	617.17	28.61	588.56
I1-06	621.08	69.00	552.08
J2M-06	608.94	58.60	550.34
J5M-06	605.68	61.64	544.04
J6-06	608.93	54.43	554.50
PMW-1U-06	597.38	52.30	545.08
Flow Zone 7			
ABP-1-07	576.44	28.81	547.63
ABP-7-07	575.19	40.50	534.69
AFW-1M-07	570.87	-	-
AFW-2M-07	592.90	66.88	526.02
AGW-1M-07	592.37	43.31	549.06
B2M-07	588.98	53.14	535.84
C3-07	585.08	45.78	539.30
D1M-07	594.15	63.29	530.86
D2M-07	590.77	72.90	517.87
E6-07	577.91	23.35	554.56
F2M-07	598.37	80.90	517.47
F4M-07	601.37	75.68	525.69
F6-07	587.68	20.80	566.88
G1M-07	616.14	33.29	582.85
G6-07	608.52	35.96	572.56
H5-07	617.05	61.52	555.53
I1-07	620.97	72.09	548.88
J5M-07	605.53	57.12	548.41
J6-07	608.85	59.52	549.33
PMW-1M-07	597.96	66.14	531.82

TABLE 1
WATER LEVEL ELEVATION SUMMARY
FOURTH QUARTER - 2008
HYDE PARK RRT PROGRAM

Well	Reference Elevation (ft AMSL)	Depth to Water (ft)	Water Level Elevation (ft AMSL)
Flow Zone 9			
ABP-1-09	576.19	41.32	534.87
ABP-7-09	575.13	41.46	533.67
AFW-1M-09	570.58	46.52	524.06
AFW-2M-09	592.78	71.90	520.88
AGW-1M-09	592.21	42.52	549.69
B2M-09	588.80	68.78	520.02
C3-09	585.00	47.03	537.97
D1M-09	594.02	76.21	517.81
D2M-09	590.66	67.97	522.69
E6-09	577.82	23.81	554.01
F2M-09	598.17	81.09	517.08
F4M-09	601.25	84.36	516.89
F6-09	587.53	3.78	583.75
G1M-09	616.04	39.37	576.67
G6-09	608.44	29.68	578.76
H2M-09	620.78	73.16	547.62
H5-09	616.93	68.31	548.62
I1-09	620.86	55.93	564.93
J2M-09	608.77	58.60	550.17
J5M-09	605.28	55.78	549.50
J6-09	608.76	30.20	578.56
PMW-1M-09	597.80	80.53	517.27
Flow Zone 11			
AFW-1L-11	572.10	62.97	509.13
AFW-2L-11	592.89	97.78	495.11
AGW-1L-11	592.17	23.47	568.70
B2L-11	589.65	90.68	498.97
D1L-11	593.80	91.42	502.38
D2L-11	590.21	71.36	518.85
E6-11	577.72	46.23	531.49
F2L-11	598.40	49.46	548.94
F4L-11	602.22	38.06	564.16
F6-11	587.40	62.12	525.28
G1L-11	616.30	56.54	559.76
G6-11	608.35	49.15	559.20
H2L-11	620.19	60.13	560.06
H5-11	616.81	66.81	550.00
I1-11	620.71	71.97	548.74
J5L-11	606.66	62.24	544.42
J6-11	608.68	30.82	577.86
PMW-1L-11	598.30	89.90	508.40
Source Control Monitoring Wells			
OEW-1	616.57	-	-
OEW-2	626.29	20.1	606.19
OEW-3	634.56	30.8	603.76
OEW-4	636.73	24.4	612.33
OEW-5	631.18	-	-
OEW-6	627.40	26.5	600.90
OEW-7	627.20	-	-

Notes

ft Feet.

AMSL Above mean sea level.

* Well damaged by car.

* OMW-8R was measured erroneously instead of OMW-8R2 for the 4th quarter of 2008.

- Well dry.

TABLE 2
LEACHATE TREATMENT SYSTEM DAILY EFFLUENT MONITORING DATA
FOURTH QUARTER - 2008
HYDE PARK RRT PROGRAM

Page 1 of 3

Date	Effluent			Comments
	Phenol (mg/L)	pH (su)	Flow (gal)	
10/01/08	0.027	-	-	
10/02/08	-	7.20	97,000	
10/03/08	-	7.10	69,000	
10/04/08	-	-	-	
10/05/08	-	-	-	
10/06/08	-	7.10	109,000	
10/07/08	-	6.50	110,000	
10/08/08	0.015 U	-	-	
10/09/08	-	7.20	123,000	
10/10/08	-	7.10	66,000	
10/11/08	-	-	-	
10/12/08	-	-	-	
10/13/08	-	7.00	136,000	
10/14/08	-	-	-	
10/15/08	0.010 U	7.10	135,000	
10/16/08	-	7.10	73,000	
10/17/08	-	7.00	62,000	
10/18/08	-	-	-	
10/19/08	-	-	-	
10/20/08	-	7.00	147,000	
10/21/08	-	-	-	
10/22/08	0.011 U	7.00	86,000	
10/23/08	-	7.00	119,000	
10/24/08	-	7.00	53,000	
10/25/08	-	-	-	
10/26/08	-	-	-	
10/27/08	-	7.10	143,000	
10/28/08	-	7.10	135,000	
10/29/08	0.010 U	7.10	66,000	
10/30/08	-	7.20	76,000	
10/31/08	-	7.00	64,000	

TABLE 2
LEACHATE TREATMENT SYSTEM DAILY EFFLUENT MONITORING DATA
FOURTH QUARTER - 2008
HYDE PARK RRT PROGRAM

Date	Effluent			Comments
	Phenol (mg/L)	pH (su)	Flow (gal)	
11/01/08	-	-	-	
11/02/08	-	-	-	
11/03/08	-	7.00	106,000	
11/04/08	-	-	-	
11/05/08	0.010 U	7.10	65,000	
11/06/08	-	7.00	82,000	
11/07/08	-	7.10	63,000	
11/08/08	-	-	-	
11/09/08	-	-	-	
11/10/08	-	7.00	135,000	
11/11/08	-	-	-	
11/12/08	0.010 U	7.30	117,000	
11/13/08	-	-	-	
11/14/08	-	7.10	129,000	
11/15/08	-	-	-	
11/16/08	-	-	-	
11/17/08	-	7.20	170,000	
11/18/08	-	7.30	135,000	
11/19/08	0.010 U	7.20	83,000	
11/20/08	-	-	-	
11/21/08	-	7.30	103,000	
11/22/08	-	-	-	
11/23/08	-	-	-	
11/24/08	-	7.00	155,000	
11/25/08	-	7.00	135,000	
11/26/08	0.010 U	7.10	101,000	
11/27/08	-	-	-	
11/28/08	-	-	-	
11/29/08	-	-	-	
11/30/08	-	-	-	

TABLE 2
LEACHATE TREATMENT SYSTEM DAILY EFFLUENT MONITORING DATA
FOURTH QUARTER - 2008
HYDE PARK RRT PROGRAM

Page 3 of 3

Date	Effluent			Comments
	Phenol (mg/L)	pH (su)	Flow (gal)	
12/01/08	-	-	-	
12/02/08	-	7.00	422,000	
12/03/08	0.010 U	7.00	141,000	
12/04/08	-	6.80	123,000	
12/05/08	-	7.00	101,000	
12/06/08	-	-	-	
12/07/08	-	-	-	
12/08/08	-	7.00	135,000	
12/09/08	-	7.00	128,000	
12/10/08	0.010 U	7.00	132,000	
12/11/08	-	7.10	317,000	
12/12/08	-	7.10	127,000	
12/13/08	-	-	-	
12/14/08	-	6.90	339,000	
12/15/08	-	7.00	151,000	
12/16/08	-	6.90	127,000	
12/17/08	0.010 U	6.80	115,000	
12/18/08	-	6.80	105,000	
12/19/08	-	6.90	92,000	
12/20/08	-	-	-	
12/21/08	-	-	-	
12/22/08	-	6.90	442,000	
12/23/08	0.018 U	-	-	
12/24/08	-	-	-	
12/25/08	-	-	-	
12/26/08	-	7.00	493,000	
12/27/08	-	6.90	423,000	
12/28/08	-	-	-	
12/29/08	-	6.90	154,000	
12/30/08	-	7.00	451,000	
12/31/08	0.012 U	7.00	87,000	

Notes:

mg/L Milligram per liter.

su Standard unit.

gal Gallons

- Not available

U Non-detect at associated value.

TABLE 3
ANALYTICAL RESULTS SUMMARY
WEEKLY SAMPLING - LEACHATE TREATMENT SYSTEM
FOURTH QUARTER - 2008
HYDE PARK RRT PROGRAM

Effluent

Parameter	Units	10/01/08	10/08/08	10/15/08	10/22/08	10/29/08	11/05/08	11/12/08	11/19/08
Volatiles									
1,1,1-Trichloroethane	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
1,1,2-Trichloroethane	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
1,1-Dichloroethane	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
1,1-Dichloroethene	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
1,2-Dichlorobenzene	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
1,2-Dichloroethane	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
1,2-Dichloropropane	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
1,3-Dichlorobenzene	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
1,4-Dichlorobenzene	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
2-Chlorotoluene	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
3-Chlorotoluene	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
4-Chlorotoluene	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
Benzene	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
Bromodichloromethane	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
Bromoform	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
Bromomethane (Methyl Bromide)	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
Carbon disulfide	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	1.8 J	5.0 U	10 U	10 U
Carbon tetrachloride	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
Chlorobenzene	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
Chloroethane	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
Chloroform (Trichloromethane)	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
Chloromethane (Methyl Chloride)	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
cis-1,2-Dichloroethene	µg/L	0.41 J	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
cis-1,3-Dichloropropene	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
Ethylbenzene	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
Methylene chloride	µg/L	1.0 U	2.0 U	5.0 U	5.6 J	3.6 J	5.0 U	10 U	10 U
m-Monochlorobenzotrifluoride	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
o-Monochlorobenzotrifluoride	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
p-Monochlorobenzotrifluoride	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
Styrene	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
Tetrachloroethene	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
Toluene	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
trans-1,2-Dichloroethene	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
trans-1,3-Dichloropropene	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
Trichloroethene	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
Vinyl acetate	µg/L	1.0 U	2.0 U	5.0 U	8.0 U	5.0 U	5.0 U	10 U	10 U
Vinyl chloride	µg/L	19	45	100	150	140	200	150	130
Xylene (total)	µg/L	3.0 U	6.0 U	15 U	24 U	15 U	15 U	30 U	30 U

TABLE 3
ANALYTICAL RESULTS SUMMARY
WEEKLY SAMPLING - LEACHATE TREATMENT SYSTEM
FOURTH QUARTER - 2008
HYDE PARK RRT PROGRAM

Effluent

Parameter	Units	11/26/08	12/03/08	12/10/08	12/17/08	12/23/08	12/31/08
1,1,1-Trichloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 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	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	µg/L	10 U	10 U	10 U	10 U	10 U	10 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	10 U	10 U	10 U	10 U	10 U	10 U
3-Chlorotoluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorotoluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane (Methyl Bromide)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Carbon disulfide	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Carbon tetrachloride	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform (Trichloromethane)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Chloromethane (Methyl Chloride)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Dichlorodifluoromethane (CFC-12)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	µg/L	3.3 J	10 U	10 U	10 U	10 U	10 U
m-Monochlorobenzotrifluoride	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
o-Monochlorobenzotrifluoride	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
p-Monochlorobenzotrifluoride	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Styrene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Trichlorofluoromethane (CFC-11)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl chloride	µg/L	220	190	220	330	300	370
Xylene (total)	µg/L	30 U	30 U	30 U	30 U	30 U	30 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 SUMMARY
QUARTERLY SAMPLING - LEACHATE TREATMENT SYSTEM
FOURTH QUARTER - 2008
HYDE PARK RRT PROGRAM

Page 1 of 1

Effluent

Parameter	Units	November 2008
Phosphorus, Total	mg/L	0.15
Vinyl chloride	µg/L	150

Notes:

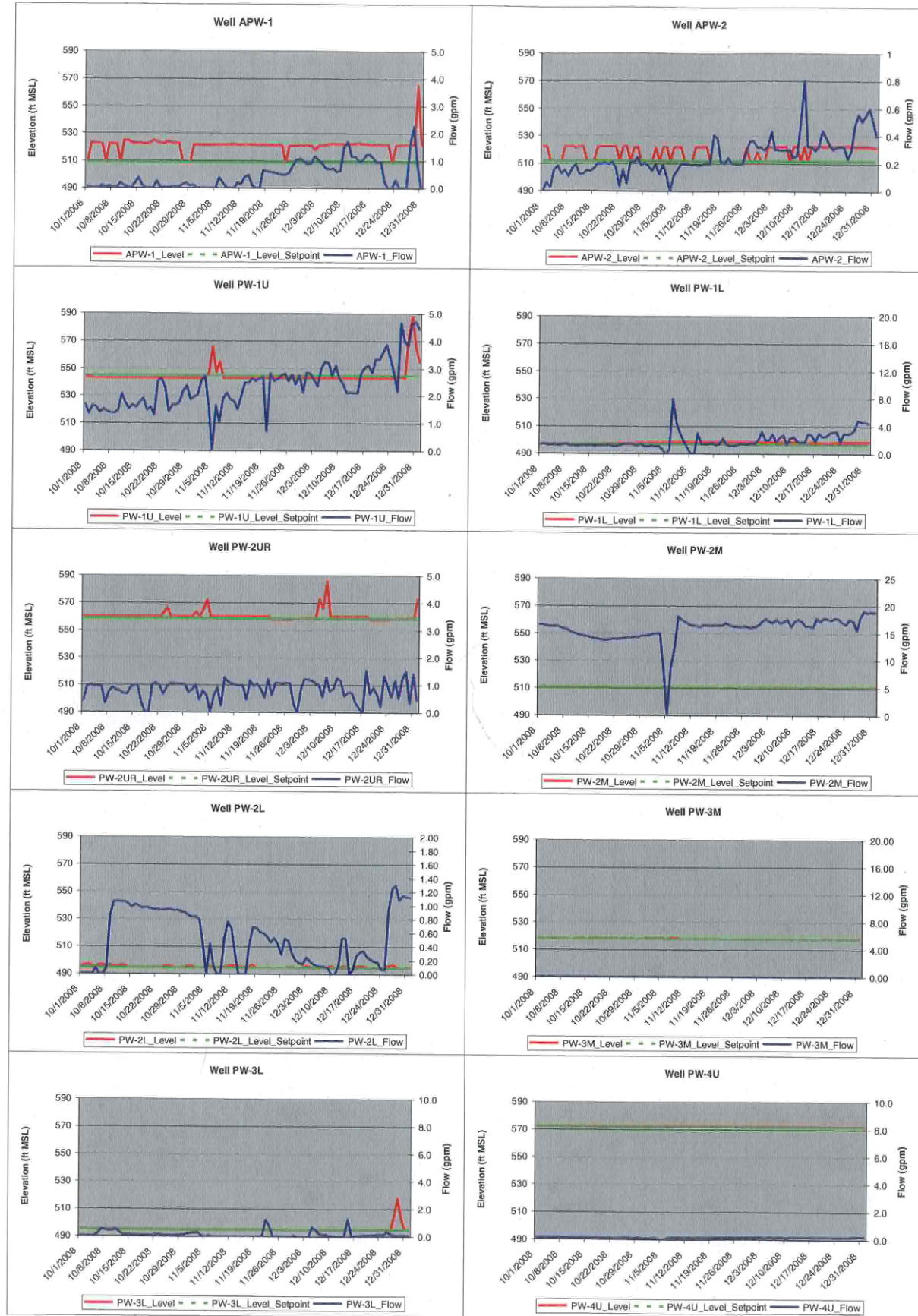
- Not available/not applicable.
- mg/L Milligrams per liter.
- µg/L Micrograms per liter.

ATTACHMENT 1

PURGE WELL PERFORMANCE GRAPHS

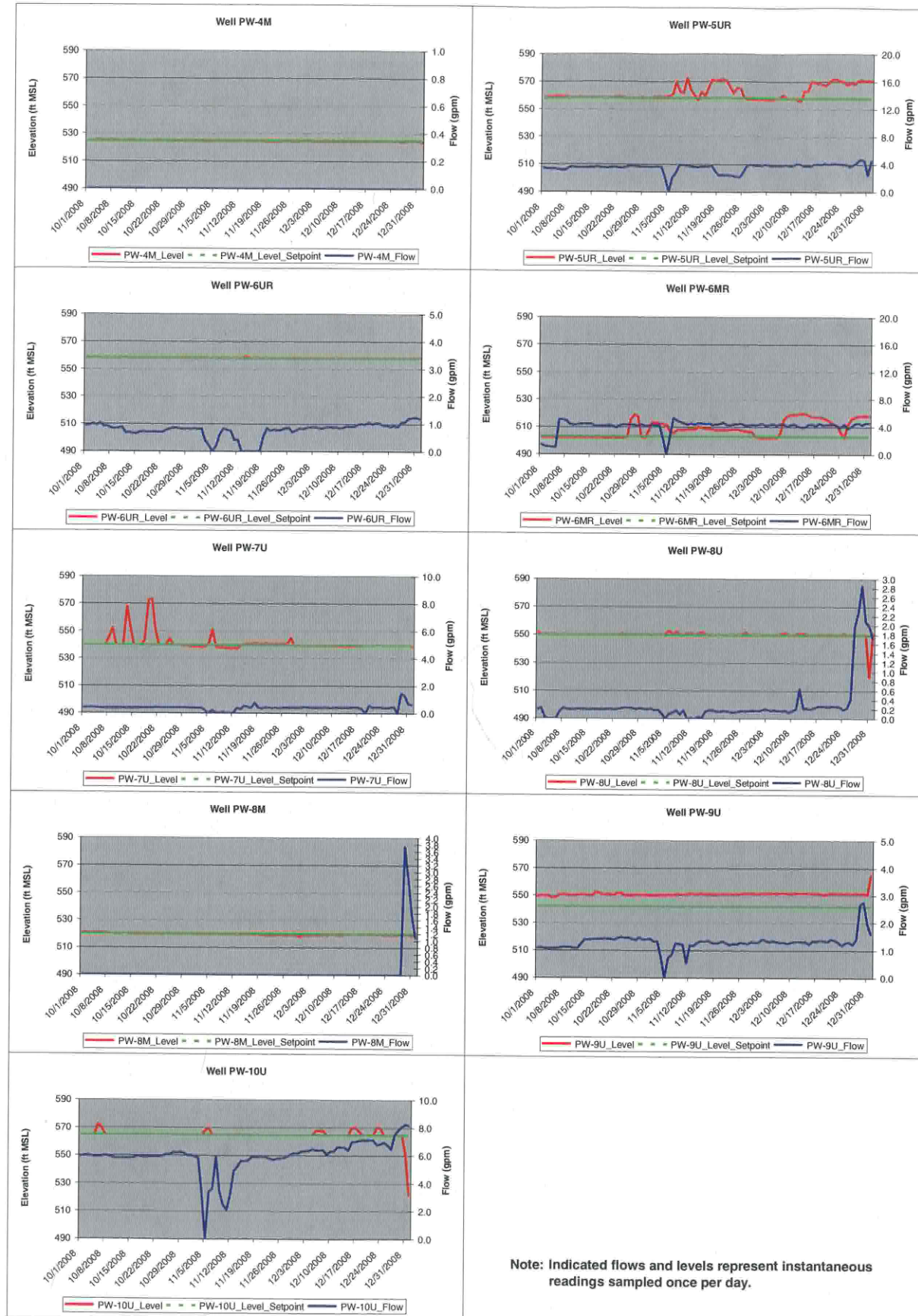
Attachment 1
4th Quarter 2008 - Pumping levels and Flows
Hyde Park

Page 1 of 2



Attachment 1
4th Quarter 2008 - Pumping levels and Flows
Hyde Park

Page 2 of 2



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