



January 30, 2008

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

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

Re: **Quarterly Operations Report – 4th Quarter 2007**
Hyde Park Remedial Program
Bedrock and Overburden Monitoring Programs

Dear Ms. Sosa and Mr. Welling:

***NOTE:** Effective January 1, 2008, responsibility for the Hyde Park Landfill has been transferred from Miller Springs Remediation Management, Inc. to Glenn Springs Holdings, Inc. This will have no impact on the routine operations at the facility.*

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 October 1, 2007 to December 31, 2007. A total of 6.9 million gallons of APL were collected, treated, and discharged in compliance with our City of Niagara Falls POTW permit; no 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.

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 859-543-2174 or by email at don_mcleod@oxy.com.

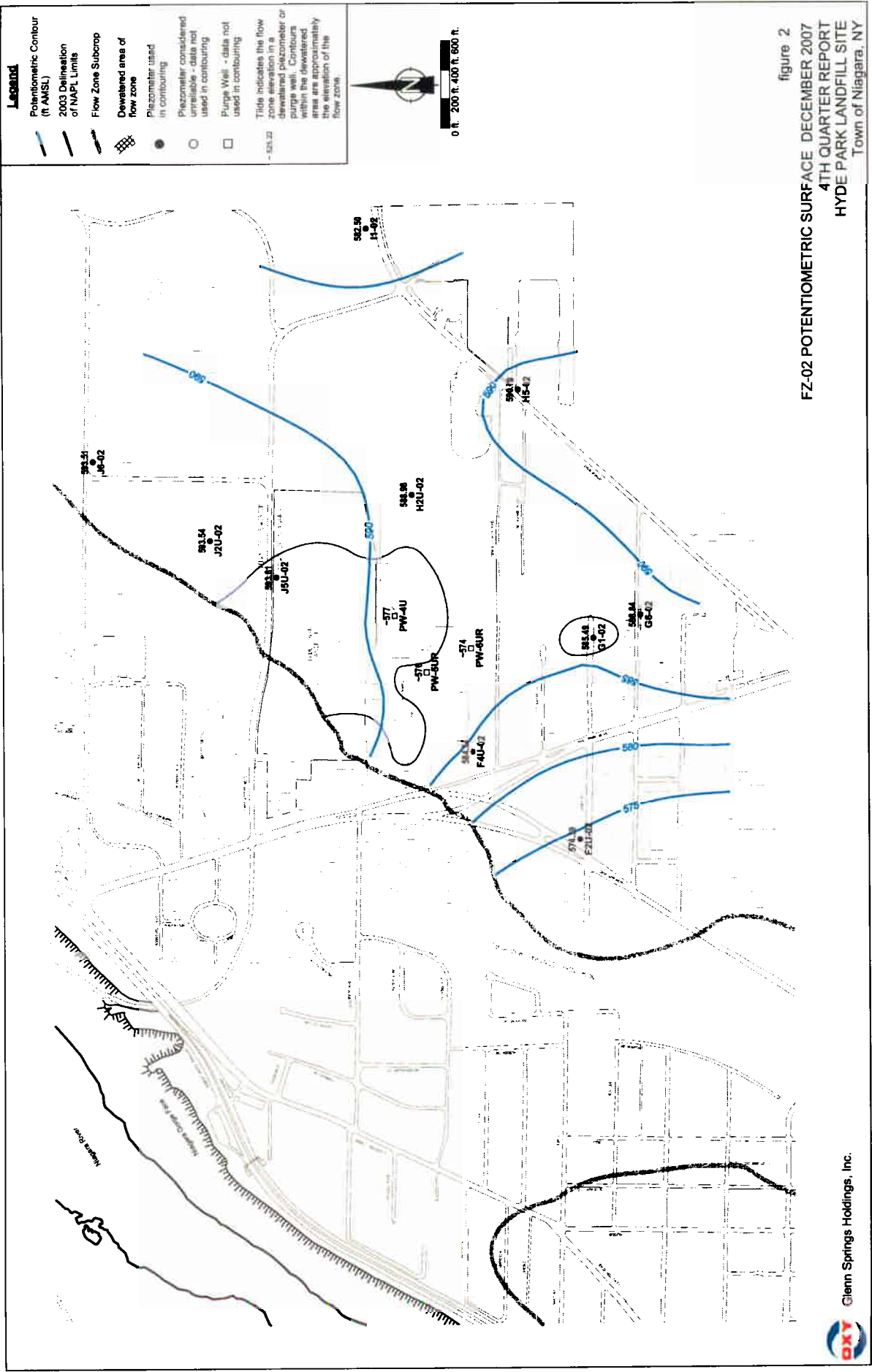
Sincerely,

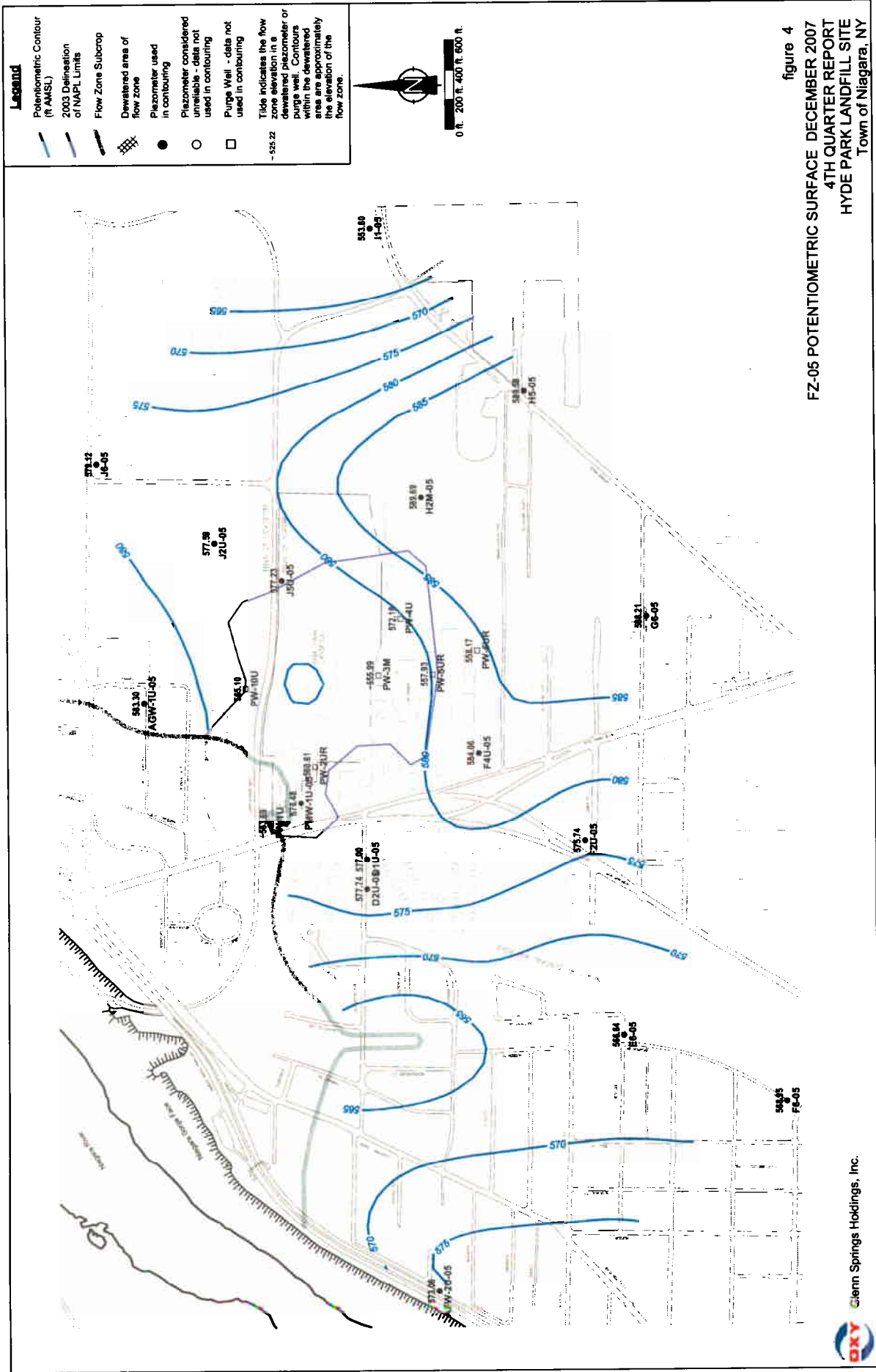
Donald W. McLeod, P.E.
Project Manager

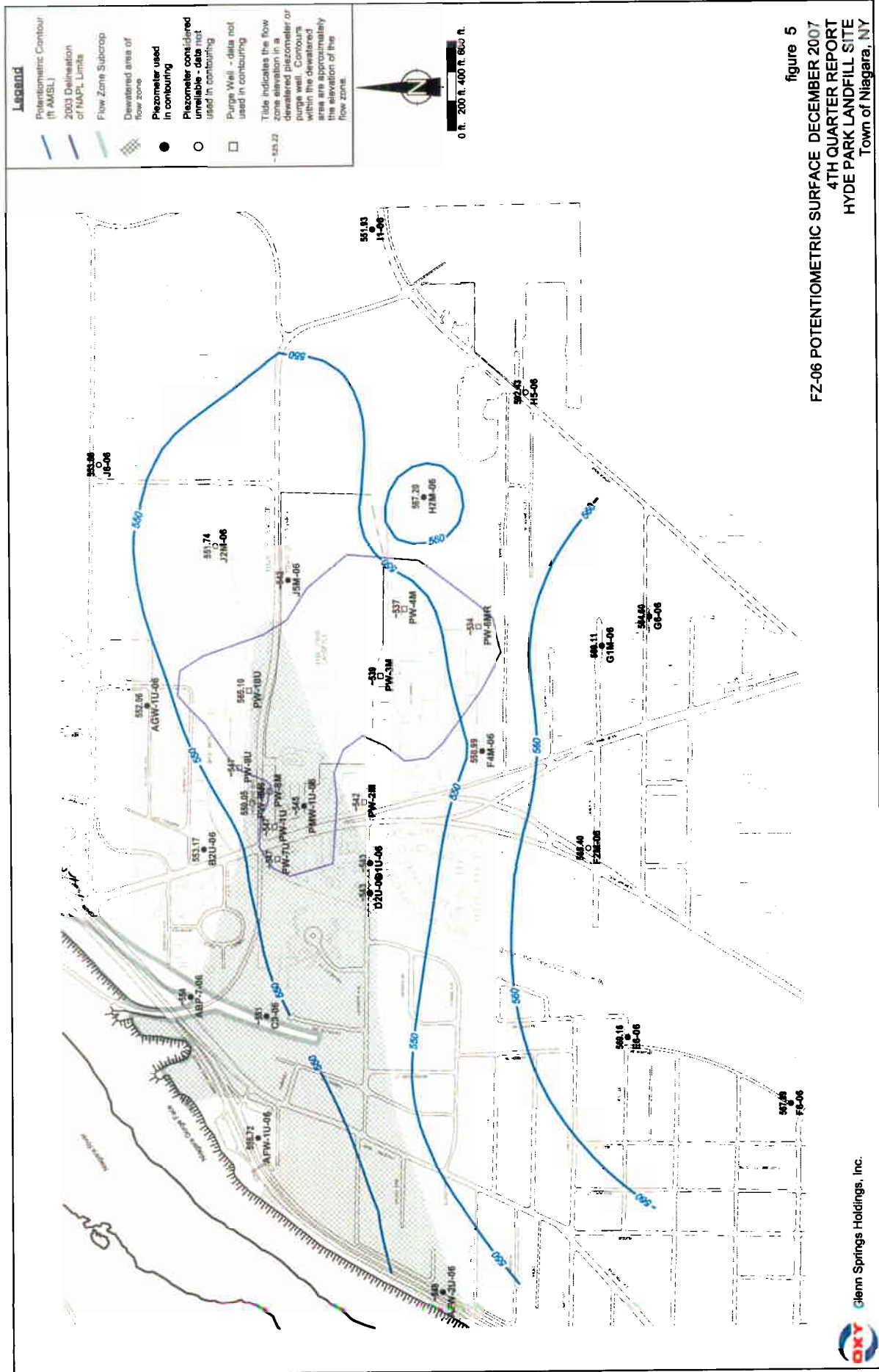
Enclosure

cc:	G. Sosa, EPA – 4*	J. Kaczor, EarthTech – 1*	W. Welling, DEC – 2*
	S. Parkhill, GSH – 1	B. Sadowski, DEC – 1*	D. Booth, GSH – 1
	M. Forcucci, DOH – 1*	M. Anderson, GSH – 1	D. Hoyt, CRA – 1

FIGURES







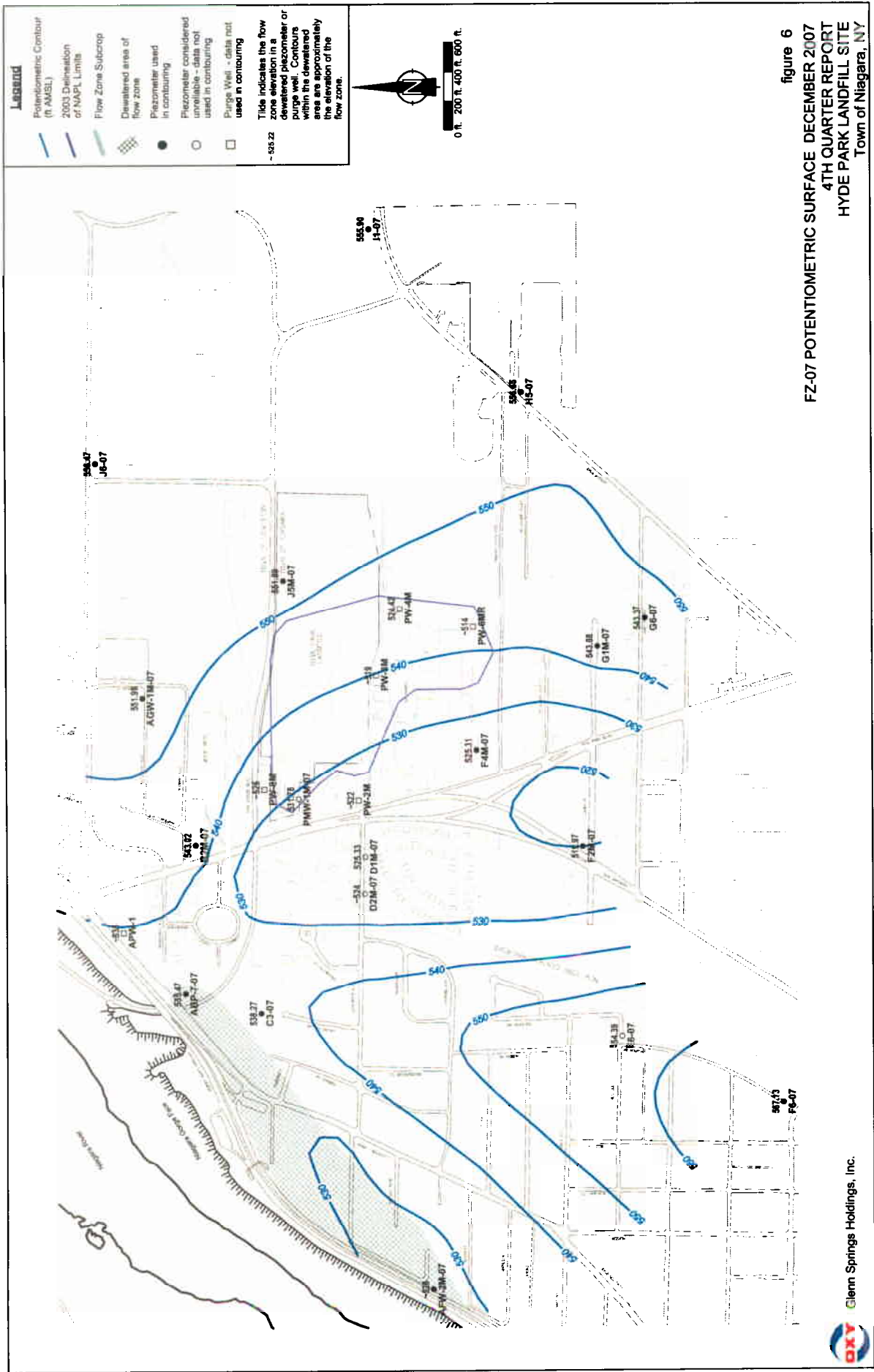
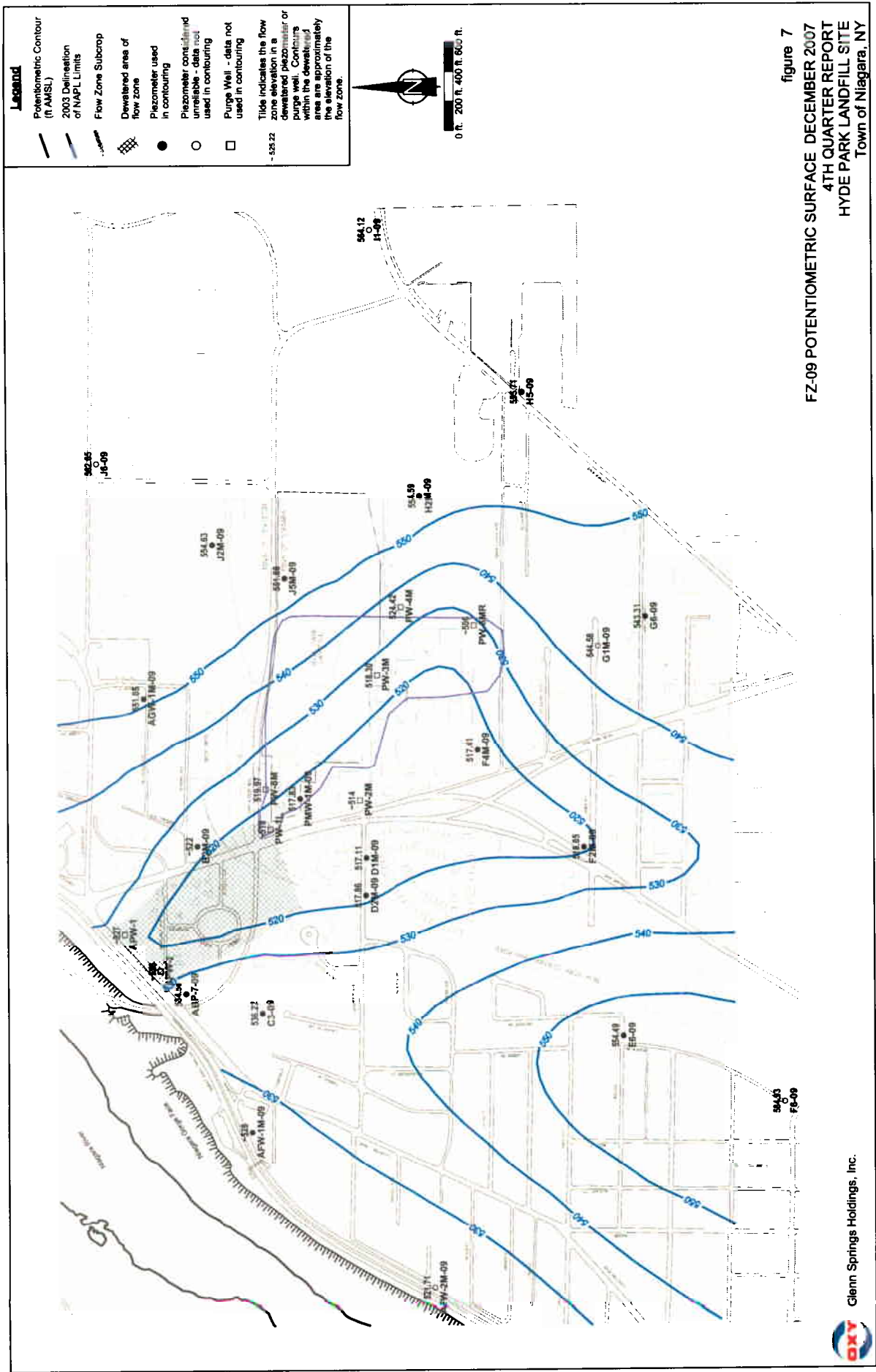
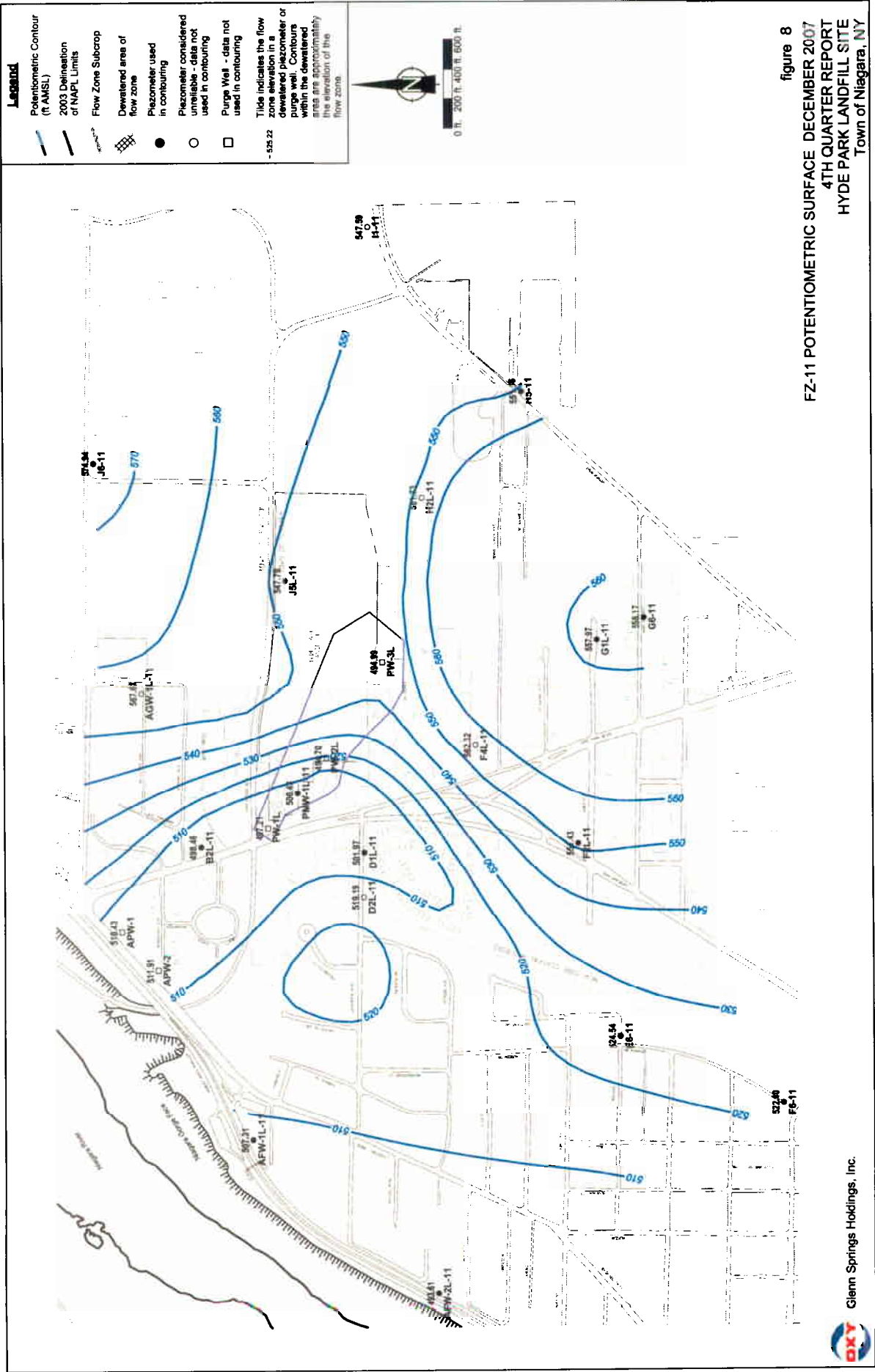
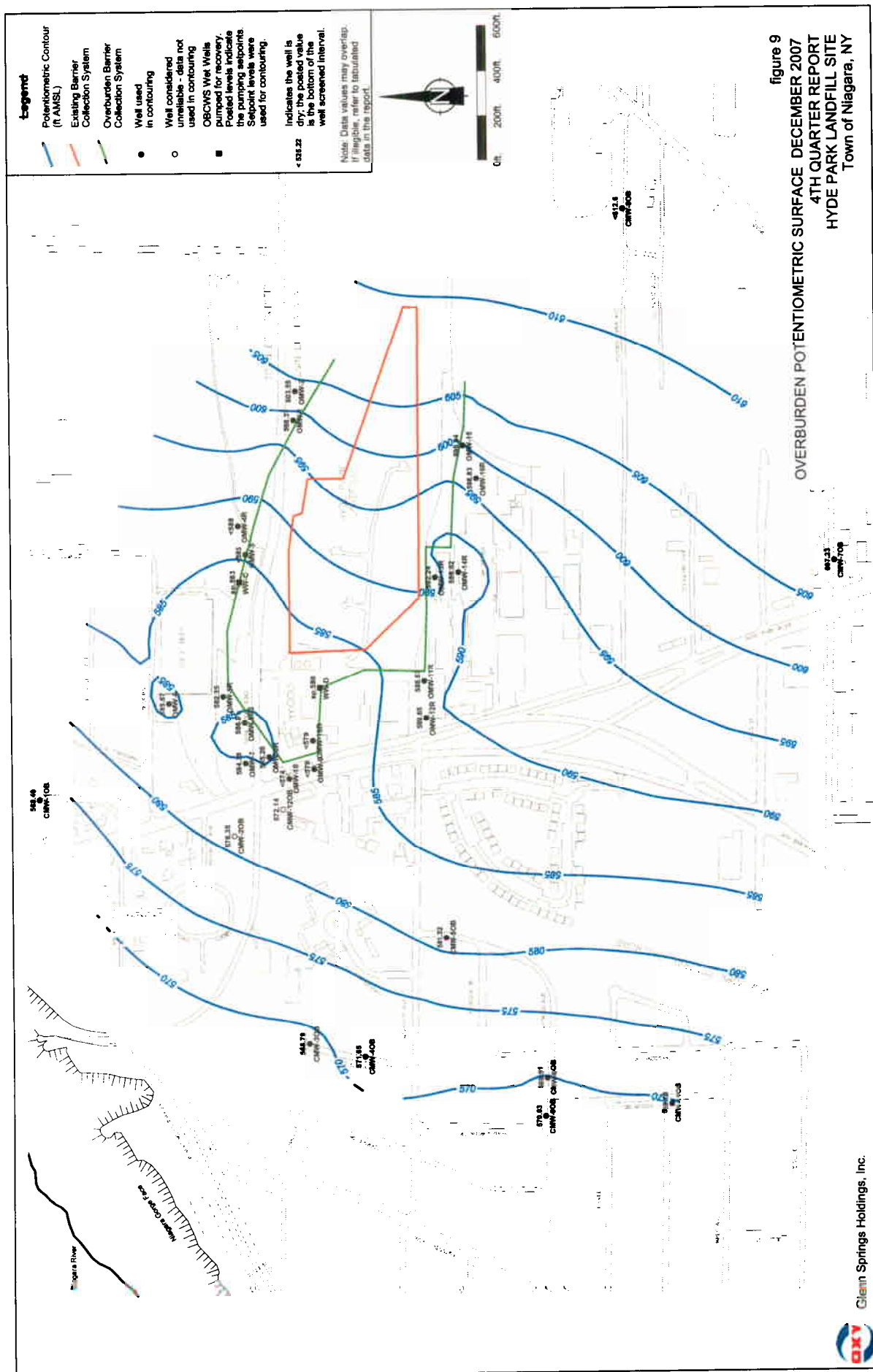


figure 6
FZ-07 POTENTIOMETRIC SURFACE DECEMBER 2007
4TH QUARTER REPORT
HYDE PARK LANDFILL SITE
Town of Niagara, NY







PMW-1M-09 4th Quarter 2007 - Hourly Water Level Elevation

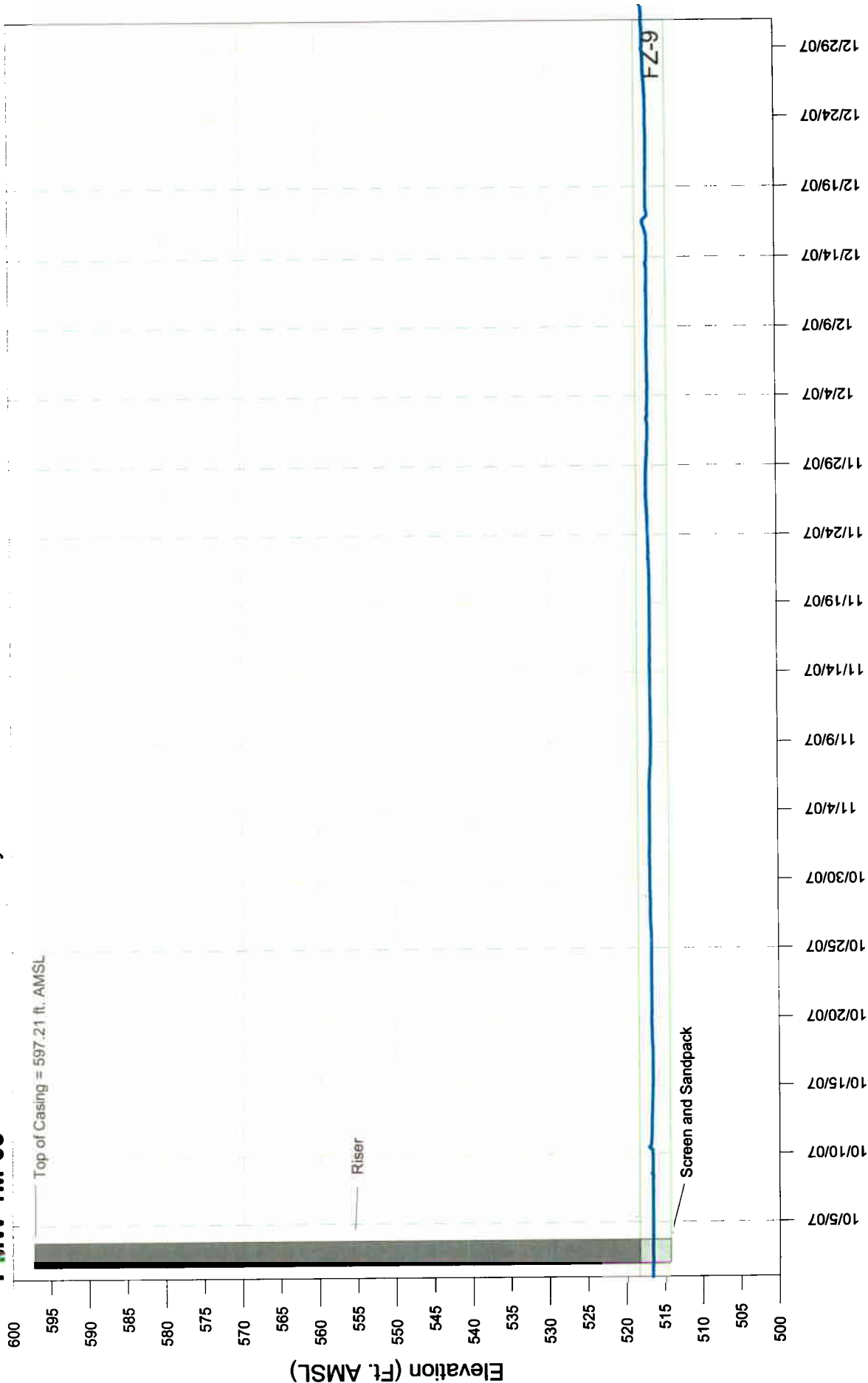
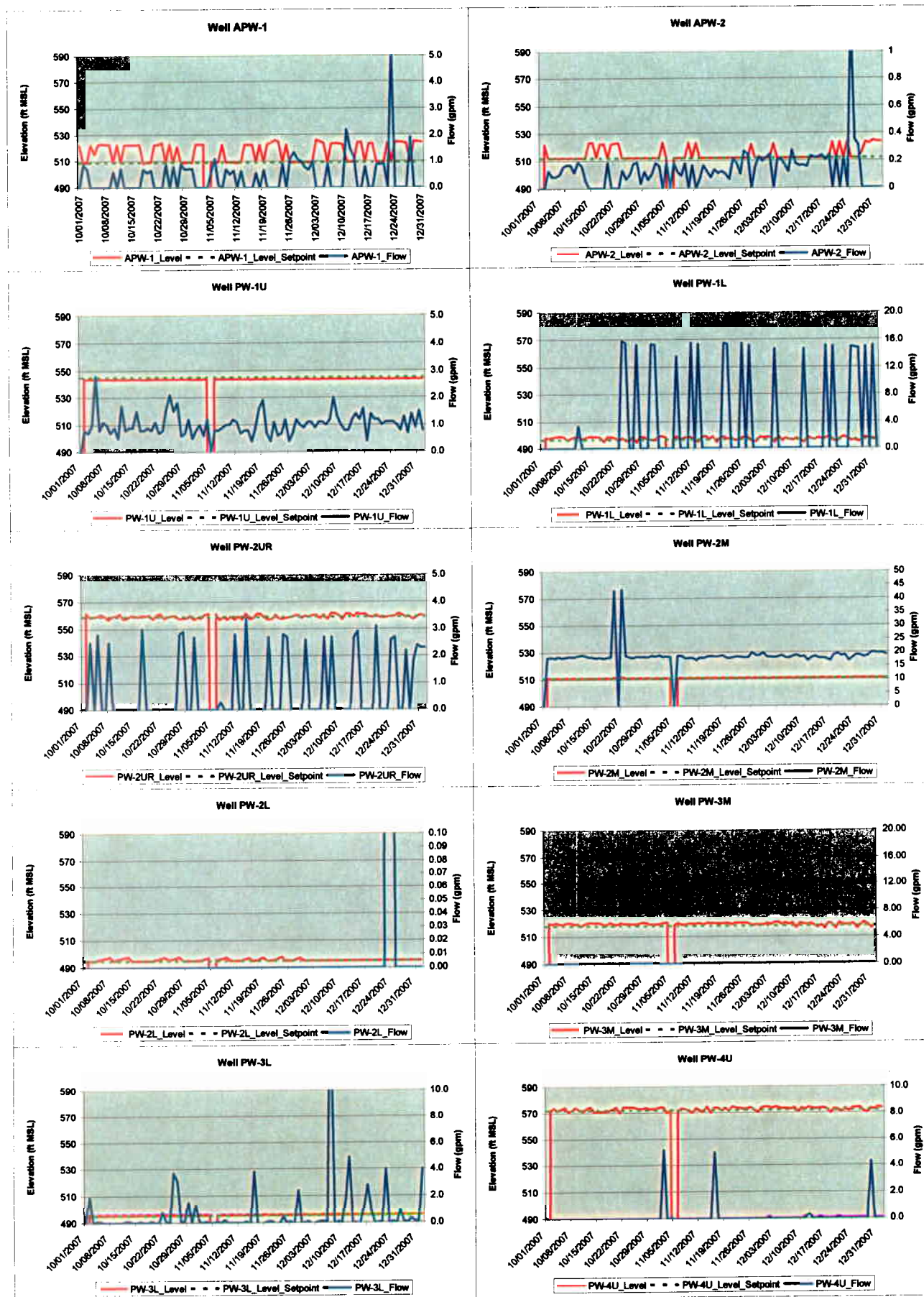


figure 10

ATTACHMENTS

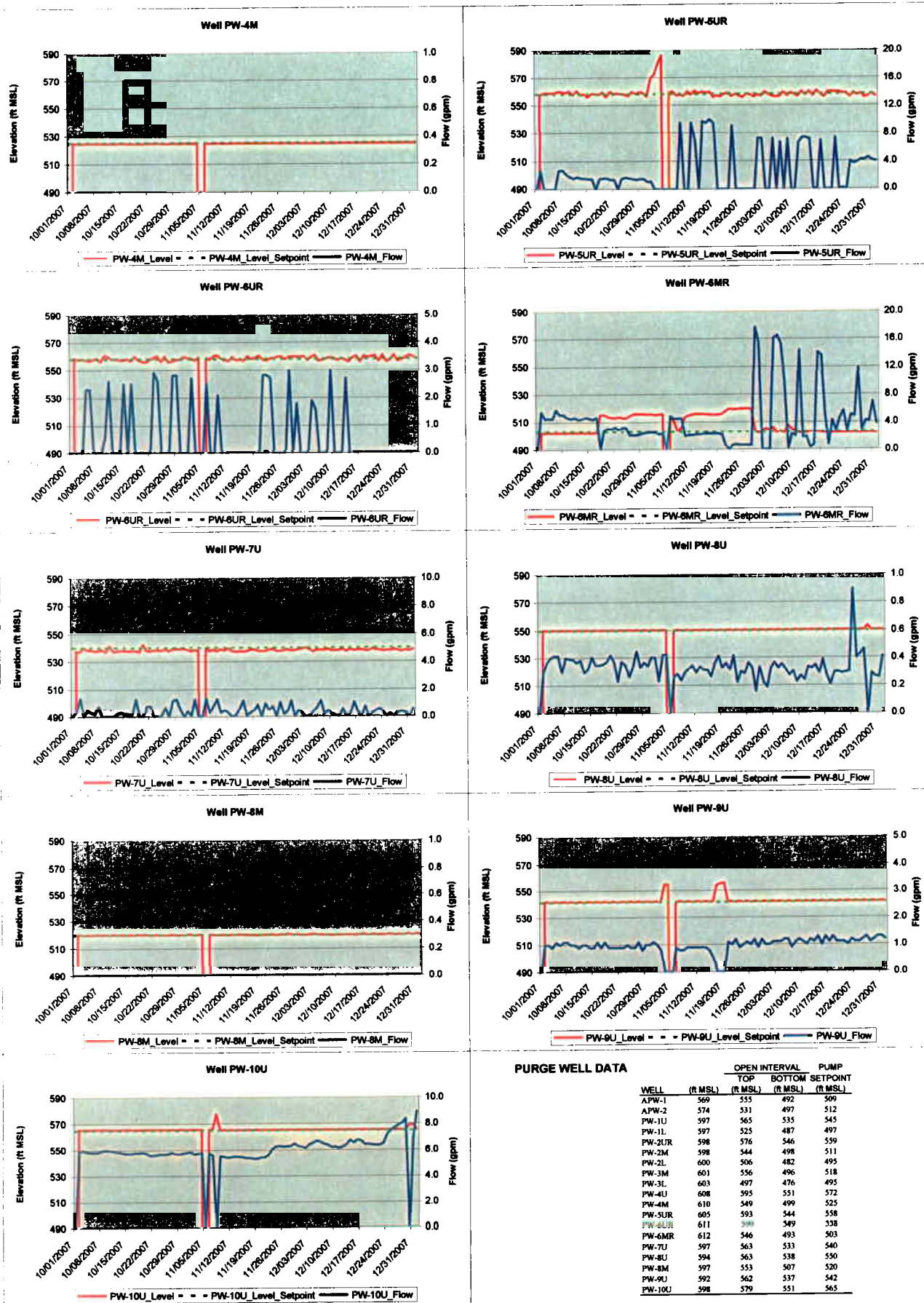
1. Purge Well performance Graphs

Attachment 1
Purge Well Performance Graphs
Hyde Park Remedial Program



Note: The indicated flows and elevations represent instantaneous readings sampled once per day.

Attachment 1 **Purge Well Performance Graphs** **Hyde Park Remedial Program**



Note: The indicated flows and elevations represent instantaneous readings sampled once per day.

TABLES

TABLE 1
WATER LEVEL ELEVATION SUMMARY
FIRST QUARTER - 2006
HYDE PARK RRT PROGRAM

Well	Reference Elevation (ft AMSL)	Depth to Water (ft)	Water Level Elevation (ft AMSL)
Overburden			
CMW-2OB	590.05	13.70	576.35
CMW-3OB	582.79	14.00	568.79
CMW-4OB	574.85	3.20	571.65
CMW-5OB	584.13	2.81	581.32
CMW-6OB	572.55	3.04	569.51
CMW-7OB	611.38	4.15	607.23
CMW-8OB	616.78	4.30	612.48
CMW-9OB	572.41	2.38	570.03
CMW-10B	576.12	7.63	568.49
CMW-11OB	573.51	3.72	569.79
CMW-12OB	595.26	23.12	572.14
OMW-1	605.87	7.50	598.37
OMW-2	606.39	2.80	603.59
OMW-3	599.27	-	-
OMW-4R	601.83	-	-
OMW-5R	588.25	5.90	582.35
OMW-6	588.27	2.60	585.67
OMW-7	593.39	9.00	584.39
OMW-8R	598.16	12.90	585.26
OMW-8R2	595.31	8.40	586.91
OMW-9	595.97	-	-
OMW-10	595.51	-	-
OMW-10R	595.79	-	-
OMW-11R	598.07	9.40	588.67
OMW-12R	596.95	7.30	589.65
OMW-13R	602.04	9.80	592.24
OMW-14R	599.42	13.40	586.02
OMW-15	608.04	9.10	598.94
OMW-16R	608.23	9.40	598.83
SC-2	-	-	#N/A
SC-3	-	-	#N/A
SC-4	-	-	#N/A
SC-5	-	-	#N/A
SC-6	-	-	#N/A
Shallow Bedrock			
CMW-1SH	576.68	13.24	563.44
CMW-2SH	589.73	24.65	565.08
CMW-3SH	582.74	29.56	553.18
CMW-4SH	574.97	12.13	562.84
CMW-5SH	584.13	8.92	575.21
CMW-6SH	572.68	10.82	561.86
CMW-7SH	611.16	12.00	599.16
CMW-8SH	617.01	11.78	605.23
CMW-9SH	572.59	12.14	560.45
CMW-11SH	573.86	8.30	565.56
CMW-12SH	597.65	29.07	568.58
Flow Zone 1			
G1U-01	617.08	24.83	592.25
G6-01	608.11	11.88	596.23
H2U-01	620.92	12.50	608.42
H5-01	617.61	24.84	592.77
I1-01	621.55	24.89	596.66
I1-01	621.55	24.89	596.66

TABLE 1
WATER LEVEL ELEVATION SUMMARY
FIRST QUARTER - 2006
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	25.50	574.39
F4U-02	602.32	17.78	584.54
G1-02	616.86	31.37	585.49
G6-02	608.11	19.27	588.84
H2U-02	620.88	31.90	588.98
H5-02	617.47	26.68	590.79
I1-02	621.42	38.92	582.50
J2U-02	609.66	16.12	593.54
J5U-02	606.21	12.40	593.81
J6-02	609.23	15.72	593.51
Flow Zone 4			
AFW-2U-04	593.48	20.00	573.48
D1U-04	593.77	14.60	579.17
D2U-04	590.65	11.40	579.25
E6-04	578.23	13.22	565.01
F2U-04	599.76	26.13	573.63
F4U-04	602.19	18.05	584.14
F6-04	588.06	19.04	569.02
G1U-04	616.96	35.00	581.96
G6-04	608.11	19.35	588.76
H5-04	617.40	27.50	589.90
I1-04	621.31	44.14	577.17
J2U-04	609.42	20.93	588.49
J5U-04	606.05	23.08	582.97
J6-04	609.12	29.63	579.49
Flow Zone 5			
AFW-2U-05	593.33	20.27	573.06
AGW-1U-05	591.80	8.50	583.30
D1U-05	593.51	16.51	577.00
D2U-05	590.56	12.82	577.74
E6-05	578.04	11.40	566.64
F2U-05	599.64	23.90	575.74
F4U-05	602.06	18.00	584.06
F6-05	587.85	18.90	568.95
G6-05	608.11	19.90	588.21
H2M-05	621.59	31.90	589.69
H5-05	617.31	27.73	589.58
I1-05	621.21	67.41	553.80
J2U-05	609.30	31.71	577.59
J5U-05	605.87	28.64	577.23
J6-05	609.02	29.90	579.12
PMW-1U-05	598.00	21.52	576.48

TABLE 1
WATER LEVEL ELEVATION SUMMARY
FIRST QUARTER - 2006
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	-	-
AFW-1U-06	571.83	15.11	556.72
AFW-2U-06	593.22	48.12	545.10
AGW-1U-06	591.66	39.60	552.06
B2U-06	589.29	36.12	553.17
C3-06	585.78	37.40	548.38
D1U-06	593.25	-	-
D2U-06	590.38	46.70	543.68
E6-06	577.99	8.83	569.16
F2M-06	599.06	33.66	565.40
F4M-06	602.05	51.06	550.99
F6-06	587.84	19.95	567.89
G1M-06	616.75	47.64	569.11
G6-06	608.11	43.51	564.60
H2M-06	621.42	54.22	567.20
H5-06	617.17	24.74	592.43
I1-06	621.08	69.15	551.93
J2M-06	608.94	57.20	551.74
J5M-06	606.22	64.68	541.54
J6-06	608.93	55.07	553.86
PMW-1U-06	597.92	53.44	544.48
Flow Zone 7			
ABP-1-07	*	*	*
ABP-7-07	575.67	40.20	535.47
AFW-1M-07	#N/A	#N/A	#N/A
AFW-2M-07	593.44	66.80	526.64
AGW-1M-07	592.91	40.92	551.99
B2M-07	589.52	46.50	543.02
C3-07	585.62	47.35	538.27
D1M-07	594.15	68.82	525.33
D2M-07	590.77	-	-
E6-07	577.91	23.52	554.39
F2M-07	598.91	78.94	519.97
F4M-07	601.91	76.60	525.31
F6-07	587.68	20.55	567.13
G1M-07	616.68	72.80	543.88
G6-07	608.11	64.74	543.37
H5-07	617.05	60.40	556.65
I1-07	620.97	65.07	555.90
J5M-07	606.07	54.18	551.89
J6-07	608.85	52.38	556.47
PMW-1M-07	598.50	66.72	531.78

TABLE 1
WATER LEVEL ELEVATION SUMMARY
FIRST QUARTER - 2006
HYDE PARK RRT PROGRAM

Well	Reference Elevation (ft AMSL)	Depth to Water (ft)	Water Level Elevation (ft AMSL)
Flow Zone 9			
ABP-1-09	*	*	*
ABP-7-09	575.67	41.11	534.56
AFW-1M-09	571.12	48.62	522.50
AFW-2M-09	593.32	71.61	521.71
AGW-1M-09	592.75	41.70	551.05
B2M-09	589.34	68.50	520.84
C3-09	585.54	49.32	536.22
D1M-09	594.02	76.91	517.11
D2M-09	590.66	72.80	517.86
E6-09	577.82	23.33	554.49
F2M-09	598.71	79.86	518.85
F4M-09	601.79	84.38	517.41
F6-09	587.53	2.60	584.93
G1M-09	616.58	72.00	544.58
G6-09	608.11	64.80	543.31
H2M-09	621.32	66.73	554.59
H5-09	616.93	61.22	555.71
I1-09	620.86	56.74	564.12
J2M-09	608.77	54.14	554.63
J5M-09	605.82	53.94	551.88
J6-09	608.76	46.11	562.65
PMW-1M-09	598.34	80.51	517.83
Flow Zone 11			
AFW-1L-11	572.10	64.79	507.31
AFW-2L-11	593.43	99.82	493.61
AGW-1L-11	592.71	25.10	567.61
B2L-11	589.65	91.19	498.46
D1L-11	593.80	91.83	501.97
D2L-11	590.21	71.02	519.19
E6-11	577.72	53.18	524.54
F2L-11	598.94	47.51	551.43
F4L-11	602.22	39.90	562.32
F6-11	587.40	65.00	522.40
G1L-11	616.84	58.87	557.97
G6-11	608.11	49.94	558.17
H2L-11	620.73	59.00	561.73
H5-11	616.81	65.45	551.36
I1-11	620.71	73.12	547.59
J5L-11	607.20	59.41	547.79
J6-11	608.68	33.74	574.94
PMW-1L-11	598.84	92.41	506.43

Notes

* Well damaged by car.

TABLE 2
LEACHATE TREATMENT SYSTEM DAILY EFFLUENT MONITORING DATA
FOURTH QUARTER - 2007
HYDE PARK RRT PROGRAM

Date	Effluent			Comments
	Phenol (mg/L)	pH (su)	Flow (gal)	
10/01/07	-	7.40	145,000	
10/02/07	-	7.19	93,000	
10/03/07	0.024	7.40	61,000	
10/04/07	-	7.30	58,000	
10/05/07	-	7.20	61,000	
10/06/07	-	-	-	
10/07/07	-	-	-	
10/08/07	-	7.30	145,000	
10/09/07	-	7.40	100,000	
10/10/07	0.028	7.50	54,000	
10/11/07	-	7.30	62,000	
10/12/07	-	7.30	62,000	
10/13/07	-	-	-	
10/14/07	-	-	-	
10/15/07	-	7.20	142,000	
10/16/07	-	7.20	63,000	
10/17/07	0.022	6.99	80,000	
10/18/07	-	6.94	54,000	
10/19/07	-	6.80	58,000	
10/20/07	-	-	-	
10/21/07	-	-	-	
10/22/07	-	6.91	146,000	
10/23/07	-	7.00	82,000	
10/24/07	0.022	6.80	67,000	
10/25/07	-	6.70	56,000	
10/26/07	-	6.90	57,000	
10/27/07	-	-	-	
10/28/07	-	-	-	
10/29/07	-	6.90	146,000	
10/30/07	-	6.60	84,000	
10/31/07	0.024 J	6.70	59,000	

TABLE 2
LEACHATE TREATMENT SYSTEM DAILY EFFLUENT MONITORING DATA
FOURTH QUARTER - 2007
HYDE PARK RRT PROGRAM

Date	Effluent			Comments
	Phenol (mg/L)	pH (su)	Flow (gal)	
11/01/07	-	7.00	58,000	
11/02/07	-	7.00	54,000	
11/03/07	-	-	-	
11/04/07	-	-	-	
11/05/07	-	6.30	83,000	
11/06/07	-	6.90	138,000	
11/07/07	0.021	7.00	64,000	
11/08/07	-	6.90	56,000	
11/09/07	-	7.10	57,000	
11/10/07	-	-	-	
11/11/07	-	-	-	
11/12/07	0.029	7.00	159,000	
11/13/07	-	7.00	58,000	
11/14/07	-	-	-	
11/15/07	-	-	-	
11/16/07	-	6.80	89,000	
11/17/07	-	-	-	
11/18/07	-	-	-	
11/19/07	0.025	6.90	166,000	
11/20/07	-	7.00	123,000	
11/21/07	-	6.80	53,000	
11/22/07	-	-	-	
11/23/07	-	-	-	
11/24/07	-	-	-	
11/25/07	-	-	-	
11/26/07	-	6.90	194,000	
11/27/07	-	6.90	216,000	
11/28/07	0.040 J	6.80	176,000	
11/29/07	-	7.00	130,000	
11/30/07	-	6.90	70,000	

TABLE 2
LEACHATE TREATMENT SYSTEM DAILY EFFLUENT MONITORING DATA
FOURTH QUARTER - 2007
HYDE PARK RRT PROGRAM

Date	Effluent			Comments
	Phenol (mg/L)	pH (su)	Flow (gal)	
12/01/07	-	-	-	
12/02/07	-	-	-	
12/03/07	-	6.92	169,000	
12/04/07	-	6.82	166,000	
12/05/07	0.017	6.90	137,000	
12/06/07	-	7.00	72,000	
12/07/07	-	6.91	73,000	
12/08/07	-	-	-	
12/09/07	-	-	-	
12/10/07	-	7.00	170,000	
12/11/07	-	6.88	98,000	
12/12/07	0.024	6.90	114,000	
12/13/07	-	6.70	103,000	
12/14/07	-	7.00	88,000	
12/15/07	-	-	-	
12/16/07	-	-	-	
12/17/07	-	6.80	180,000	
12/18/07	-	6.90	114,000	
12/19/07	0.023	7.00	56,000	
12/20/07	-	6.70	49,000	
12/21/07	-	6.80	80,000	
12/22/07	-	-	-	
12/23/07	-	-	-	
12/24/07	-	-	-	
12/25/07	-	-	-	
12/26/07	0.022	7.10	210,000	
12/27/07	-	7.00	139,000	
12/28/07	-	7.00	132,000	
12/29/07	-	-	-	
12/30/07	-	-	-	
12/31/07	-	7.00	242,000	

[illegible]

TABLE 3
ANALYTICAL RESULTS SUMMARY
WEEKLY SAMPLING - LEACHATE TREATMENT SYSTEM
FOURTH QUARTER - 2007
HYDE PARK RRT PROGRAM

Effluent	Parameter	Units	Treatment Level	11/28/07	12/05/07	12/12/07	12/19/07	12/26/07
	1,1,1-Trichloroethane	ug/L	200	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	1,1,2,2-Tetrachloroethane	ug/L	0.053	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	1,1,2-Trichloroethane	ug/L	5	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	1,1-Dichloroethane	ug/L	800	2.0 U	0.30 J	0.43	0.67 J	5.0 U
	1,1-Dichloroethane	ug/L	7	2.0 U	0.27 J	1.0 U	1.0 U	5.0 U
	1,2,4-Trichlorobenzene	ug/L	70	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	1,2-Dichlorobenzene	ug/L	600	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	1,2-Dichloroethane	ug/L	5	2.4	3.4	4.5	4.8	4.4 J
	1,2-Dichloropropane	ug/L	5	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	1,3-Dichlorobenzene	ug/L	180	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	1,4-Dichlorobenzene	ug/L	75	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	2-Chlorotoluene	ug/L	120	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	3-Chlorotoluene	ug/L	120	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	4-Chlorotoluene	ug/L	120	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	Benzene	ug/L	5	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	Bromodichloromethane	ug/L	80	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	Bromoform	ug/L	80	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	Bromomethane (Methyl Bromide)	ug/L	8.5	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	Carbon disulfide	ug/L	1000	2.0 U	1.0 U	0.69 J	0.92 J	0.86 J
	Carbon tetrachloride	ug/L	5	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	Chlorobenzene	ug/L	100	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	Chloroethane	ug/L	3.6	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	Chloroform (Trichloromethane)	ug/L	80	0.19 J	0.16 J	0.23	0.29	5.0 U
	Chloromethane (Methyl Chloride)	ug/L	190	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	cis-1,2-Dichloroethene	ug/L	70	15	26	38	46	40
	cis-1,3-Dichloropropene	ug/L	0.44	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	Dichlorodifluoromethane (CFC-12)	ug/L	350	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	Ethylbenzene	ug/L	700	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	Methylene chloride	ug/L	30	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	m-Monochlorobenzotrifluoride	ug/L	5	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	o-Monochlorobenzotrifluoride	ug/L	50	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	p-Monochlorobenzotrifluoride	ug/L	50	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	Styrene	ug/L	100	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	Tetrachloroethene	ug/L	5	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	Toluene	ug/L	1000	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	trans-1,2-Dichloroethene	ug/L	100	2.0 U	0.14 J	0.33 J	0.63	0.82 J
	trans-1,3-Dichloropropene	ug/L	0.44	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	Trichloroethene	ug/L	5	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	Trichlorofluoromethane (CFC-11)	ug/L	-	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	Vinyl acetate	ug/L	-	2.0 U	1.0 U	1.0 U	1.0 U	5.0 U
	Vinyl chloride	ug/L	2	52	19	41	67	65
	Xylene (total)	ug/L	10000	6.0 U	3.0 U	3.0 U	12	15 U

Notes:

- Not available/not applicable.
- J Estimated at associated value.
- U Non-detect at associated value.

TABLE 4
ANALYTICAL RESULTS SUMMARY
QUARTERLY SAMPLING - LEACHATE TREATMENT SYSTEM
FOURTH QUARTER - 2007
HYDE PARK RRT PROGRAM

Effluent

Parameter	Units	Treatment	
		Level	October 2007
Phosphorus	mg/L	-	0.26
Vinyl chloride	ug/L	-	32

Notes:

- Not available/not applicable.
- J Associated value is estimated.
- U Non-detect at associated value.