



April 30, 2007

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: **Hyde Park Remedial Program**
Bedrock and Overburden Monitoring Programs
Quarterly Operations Report – 1st Quarter 2007

Dear Ms. Sosa and Mr. Welling:

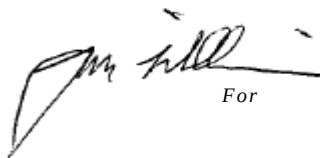
In accordance with the July 2006 "Performance Monitoring Plan", the following is the quarterly data report for the Hyde Park Remedial Program for the period January 1, 2007 to March 31, 2007. A total of 15 million gallons of aqueous phase liquid (APL) were collected, treated, and discharged in compliance with our City of Niagara Falls Publicly Owned Treatment Works (POTW) Permit. No non-aqueous phase liquid (NAPL) was shipped for incineration.

Performance monitoring data is 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. Attachment 1 – Purge well performance graphs indicating daily average level and flow information.
5. Attachment 2 – Treatment System Effluent Monitoring Data

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,



For

Donald W. McLeod, P.E.
Project Manager

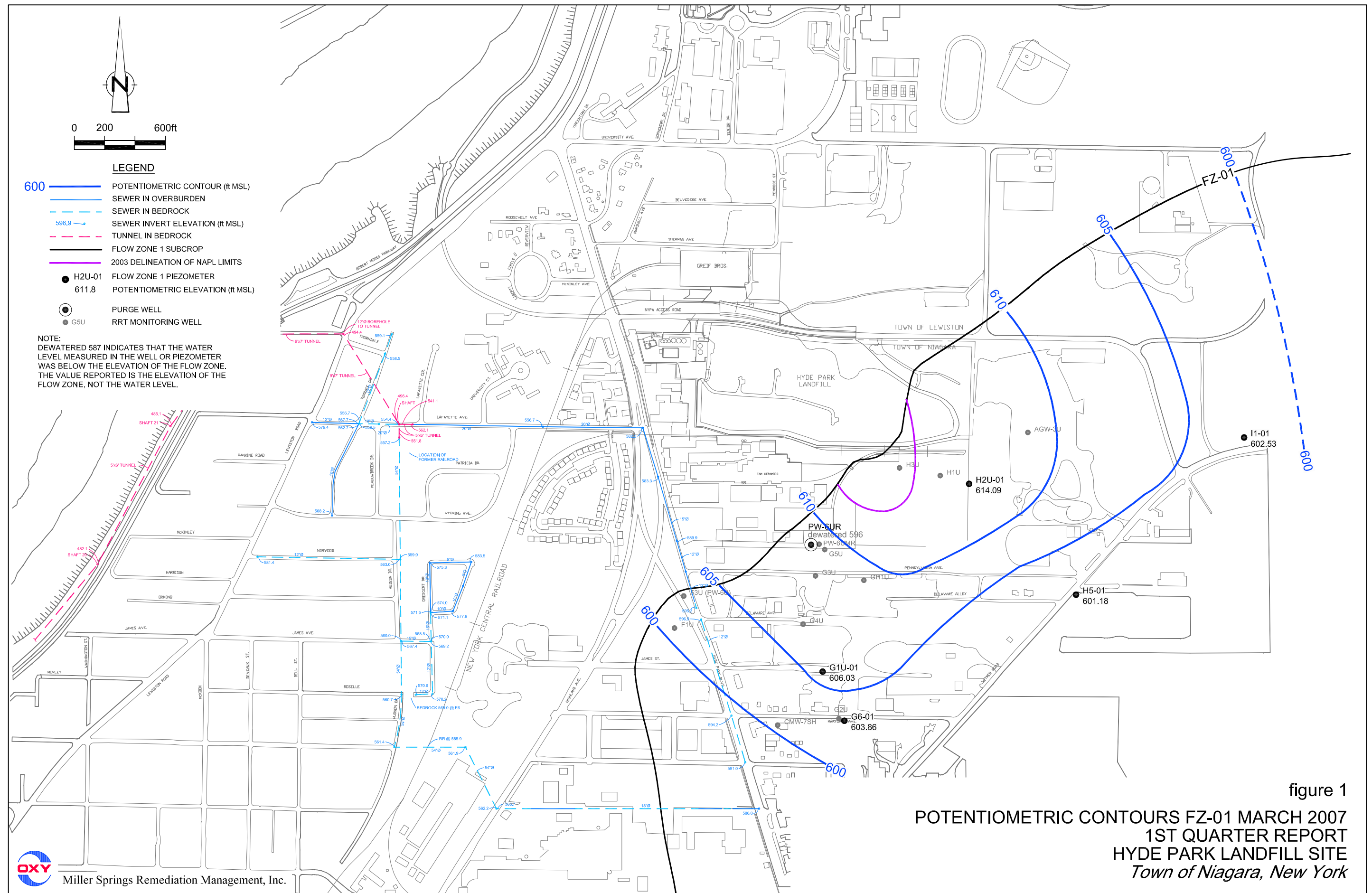
DWM (001069-L-SosaWell-15)
Encl.

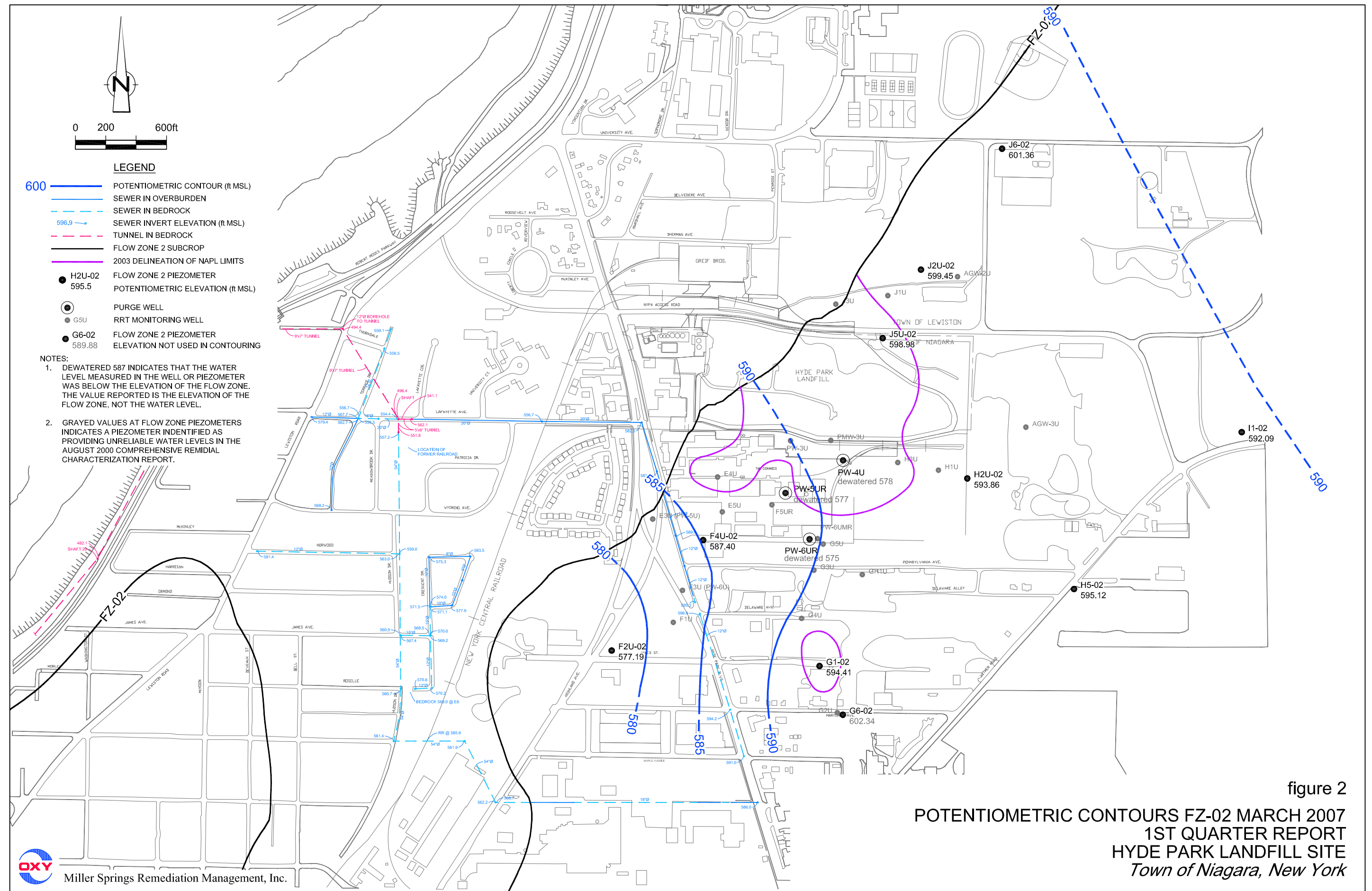
cc: G. Sosa, USEPA – 4*
W. Welling, NYSDEC – 2*
B. Sadowski, NYSDEC – 1*
M. Forcucci, NYSDOH – 1*
Correspondence File

J. Kaczor, EarthTech – 1*
S. Parkhill, MSRM – 1
D. Booth, MSRM – 1
D. Hoyt, CRA – 1

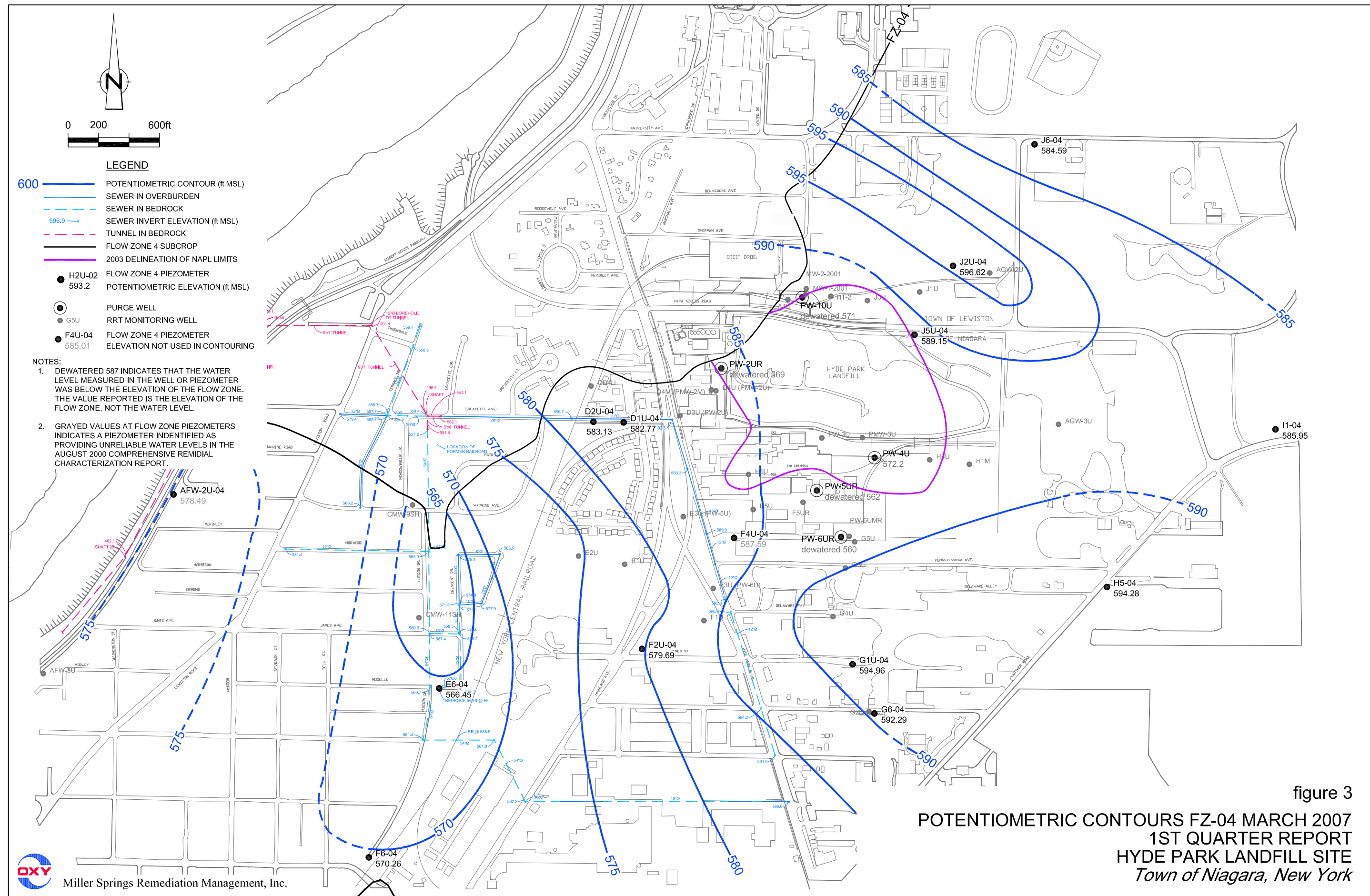
*Include one copy on CD

FIGURES

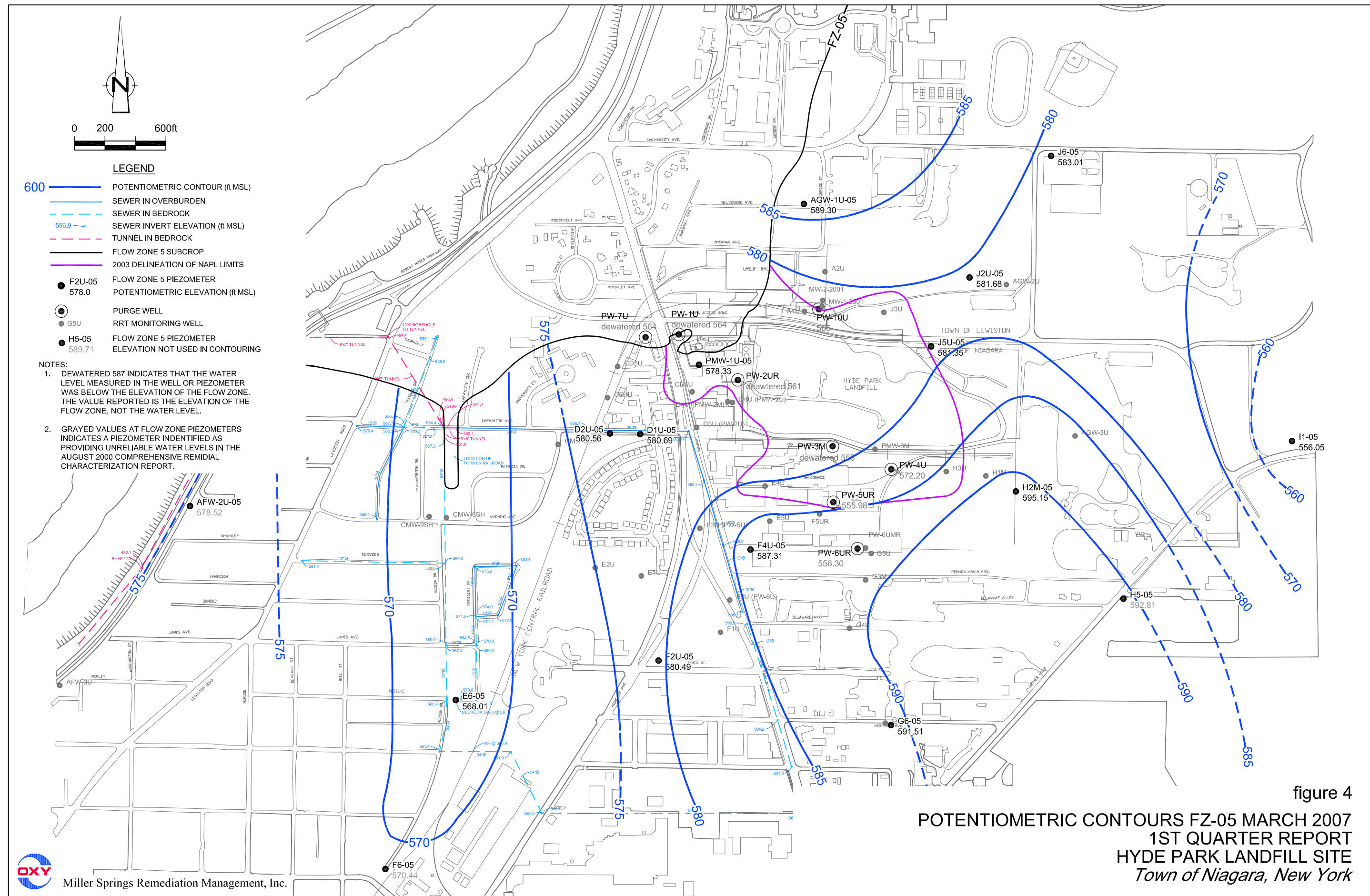




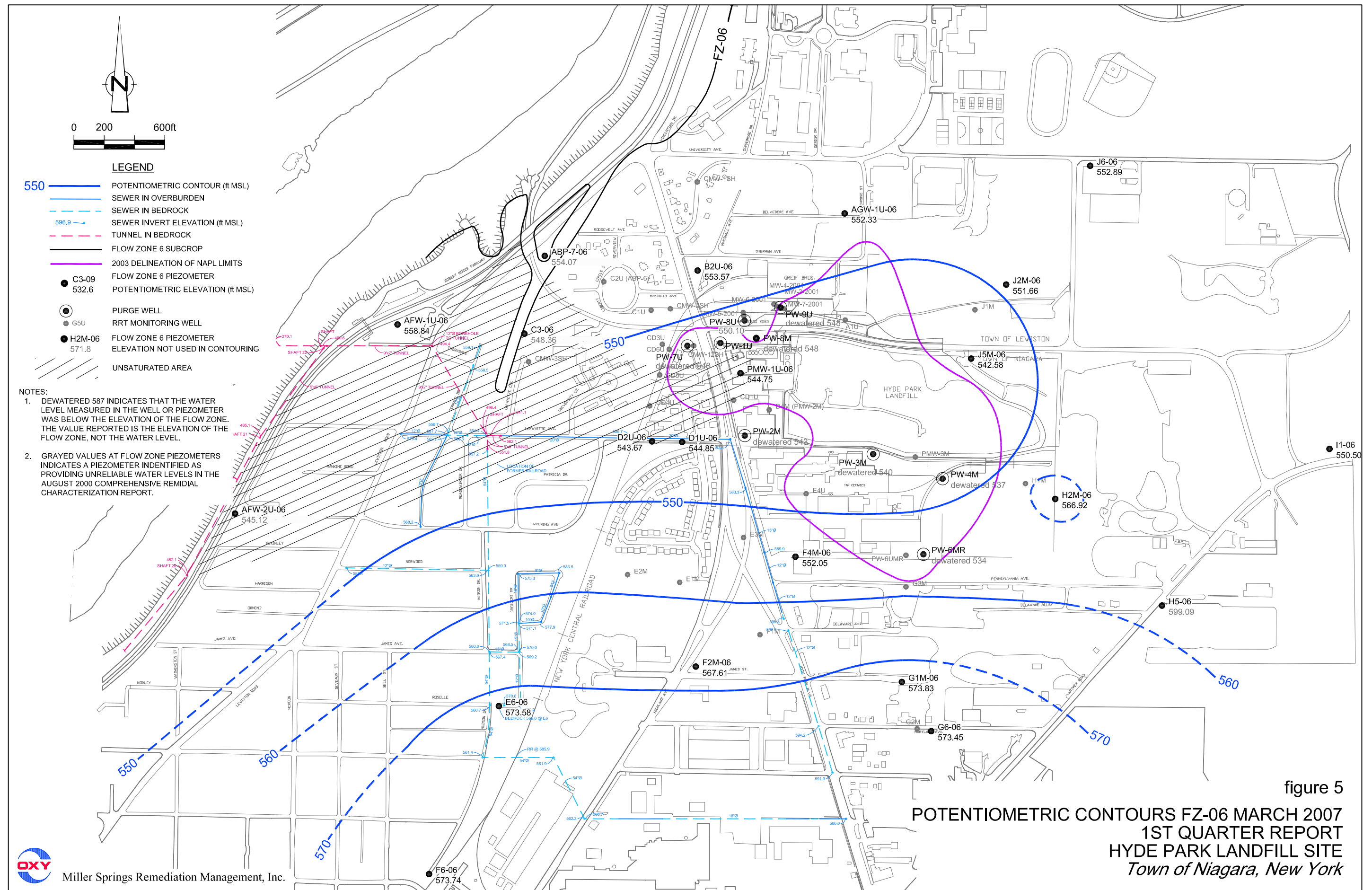
Miller Springs Remediation Management, Inc.



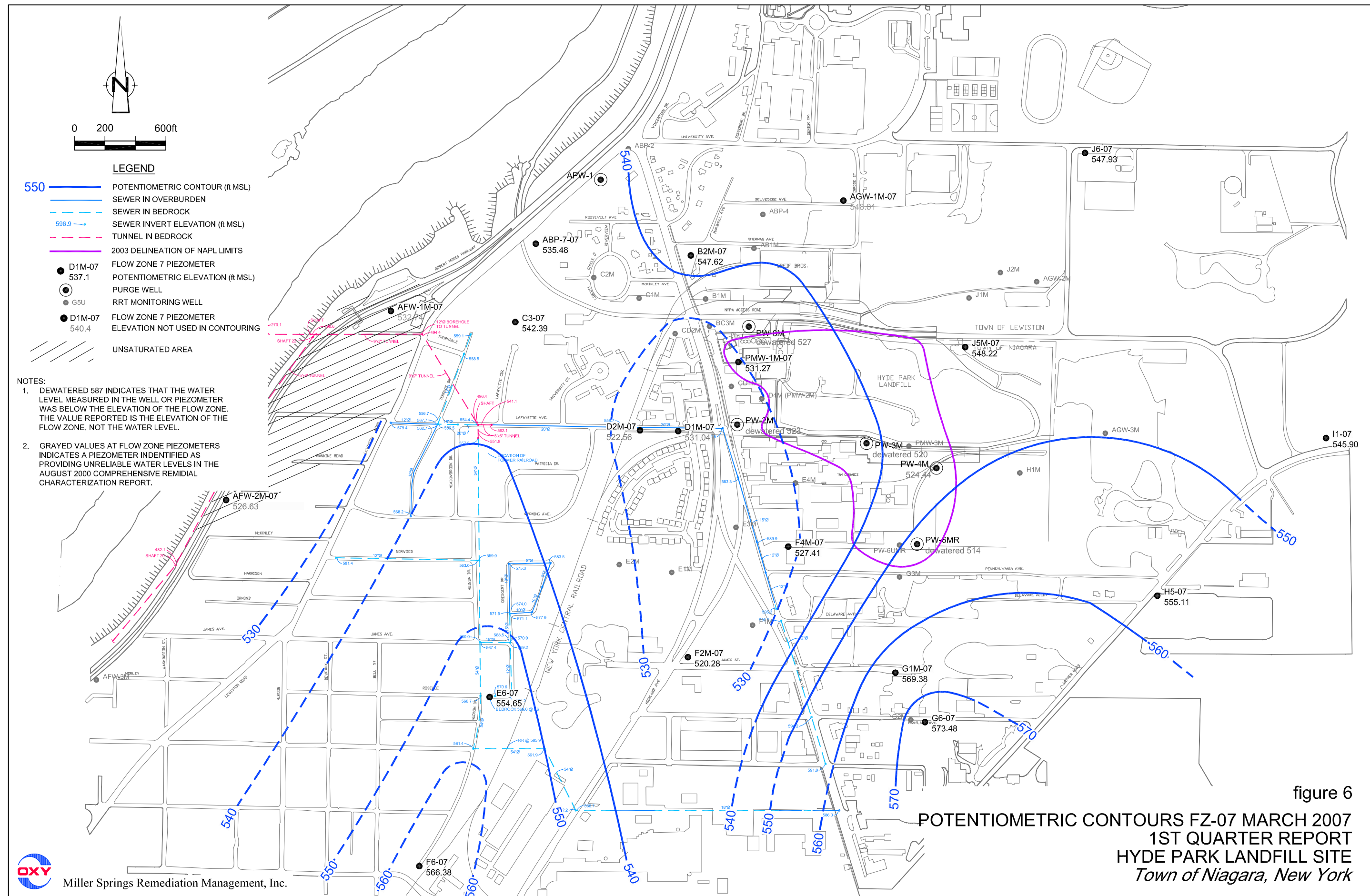
Miller Springs Remediation Management, Inc.



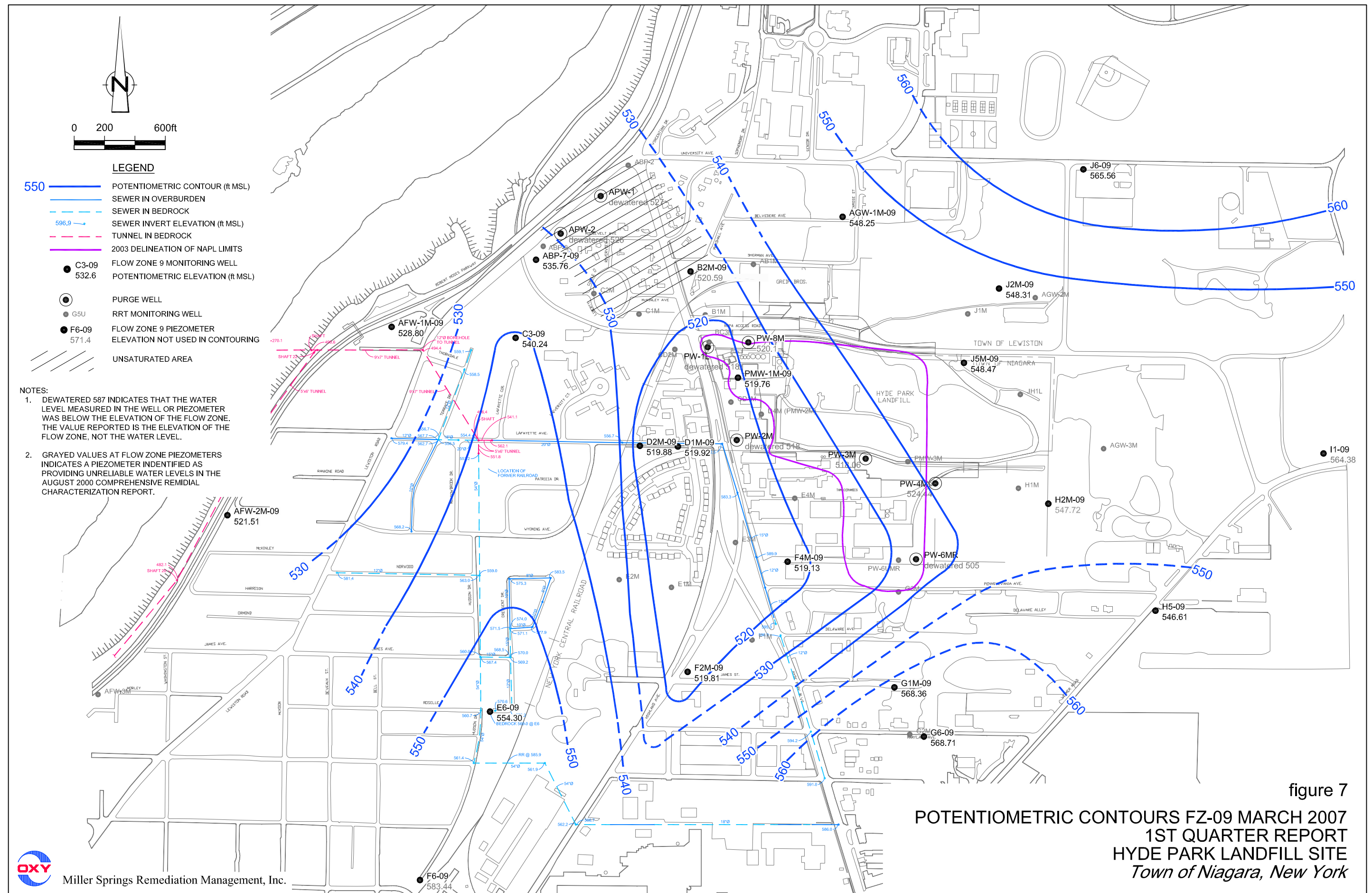
Miller Springs Remediation Management, Inc.



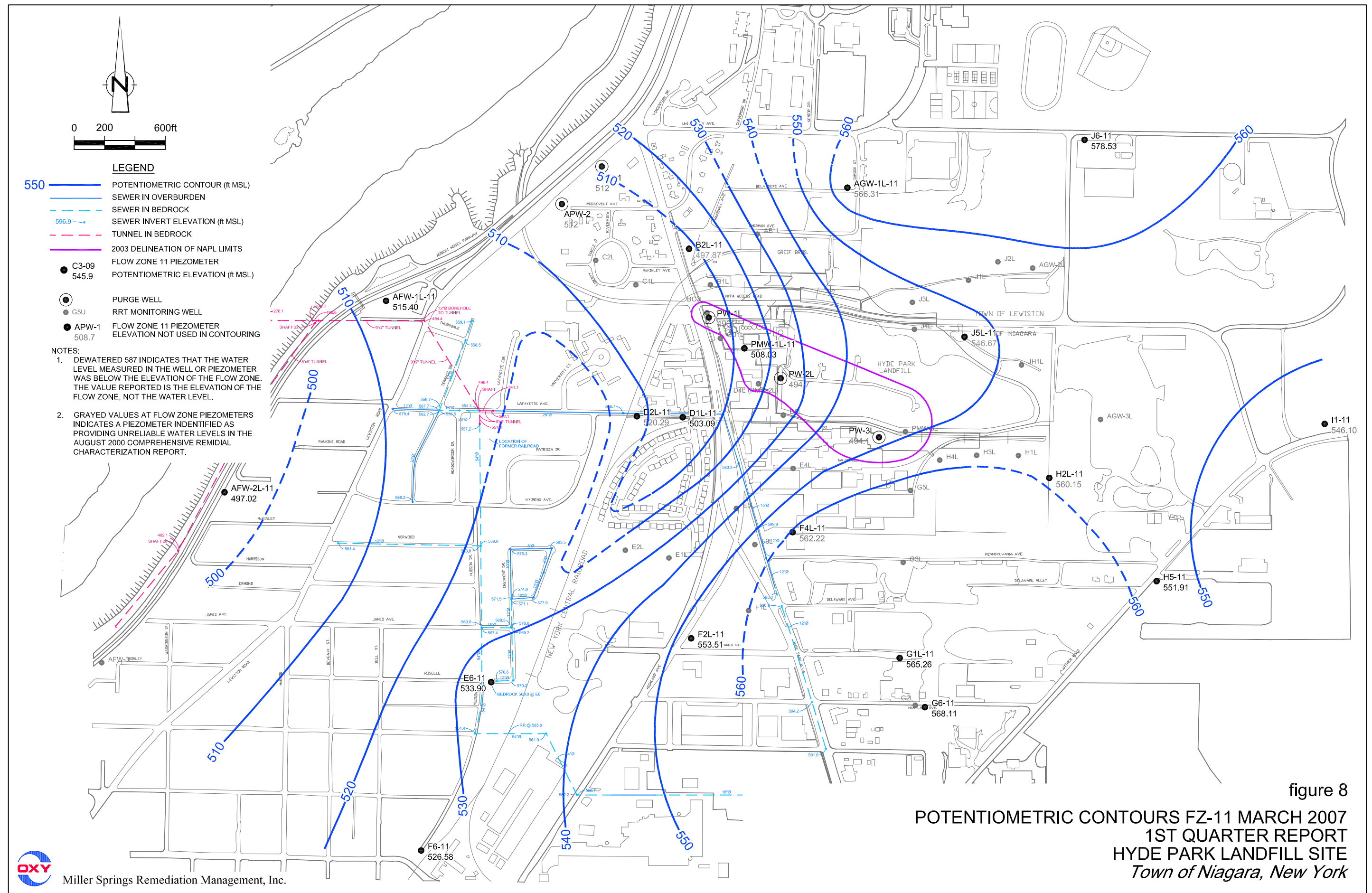
Miller Springs Remediation Management, Inc.



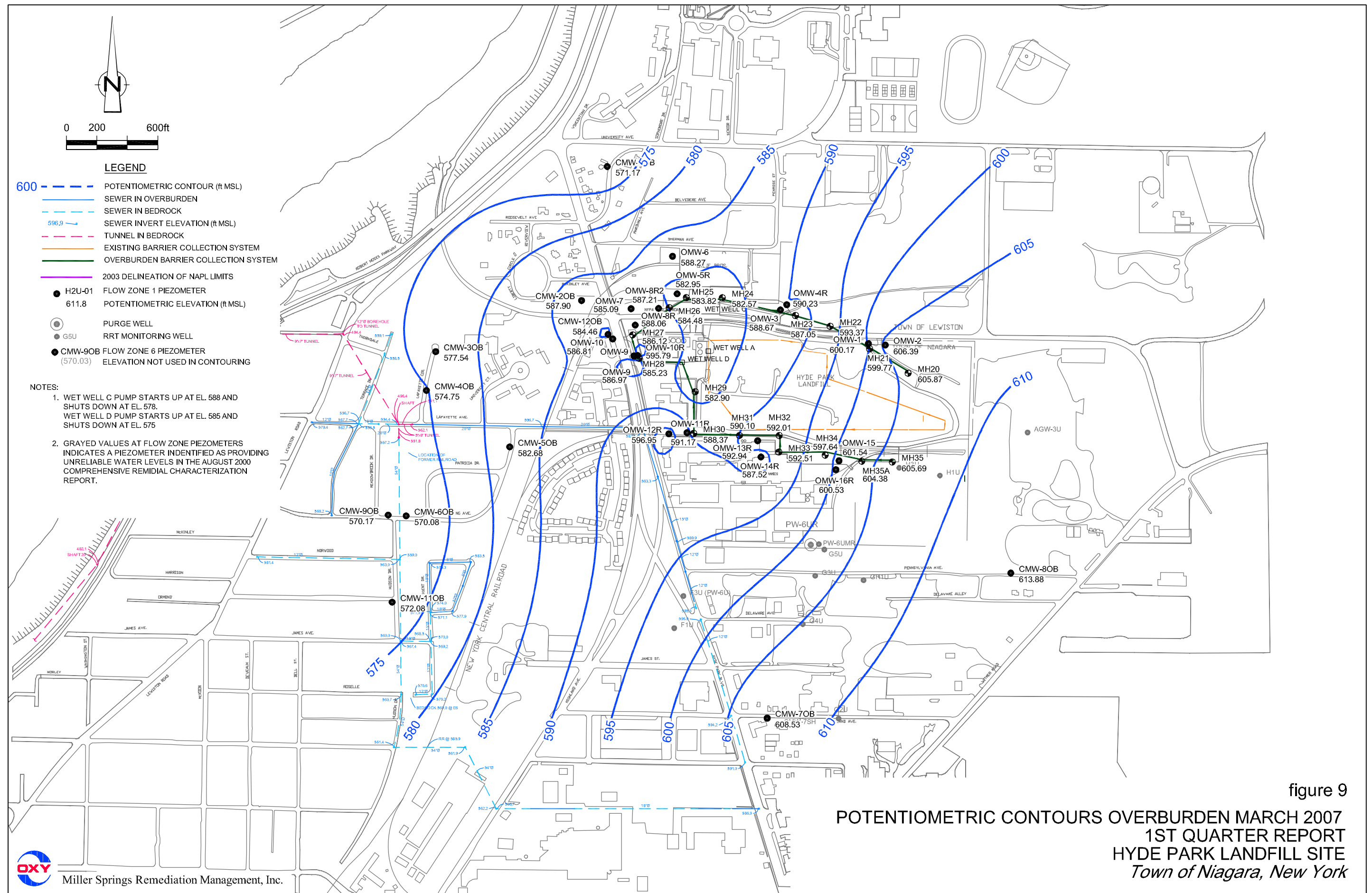
Miller Springs Remediation Management, Inc.



Miller Springs Remediation Management, Inc.



Miller Springs Remediation Management, Inc.



Miller Springs Remediation Management, Inc.

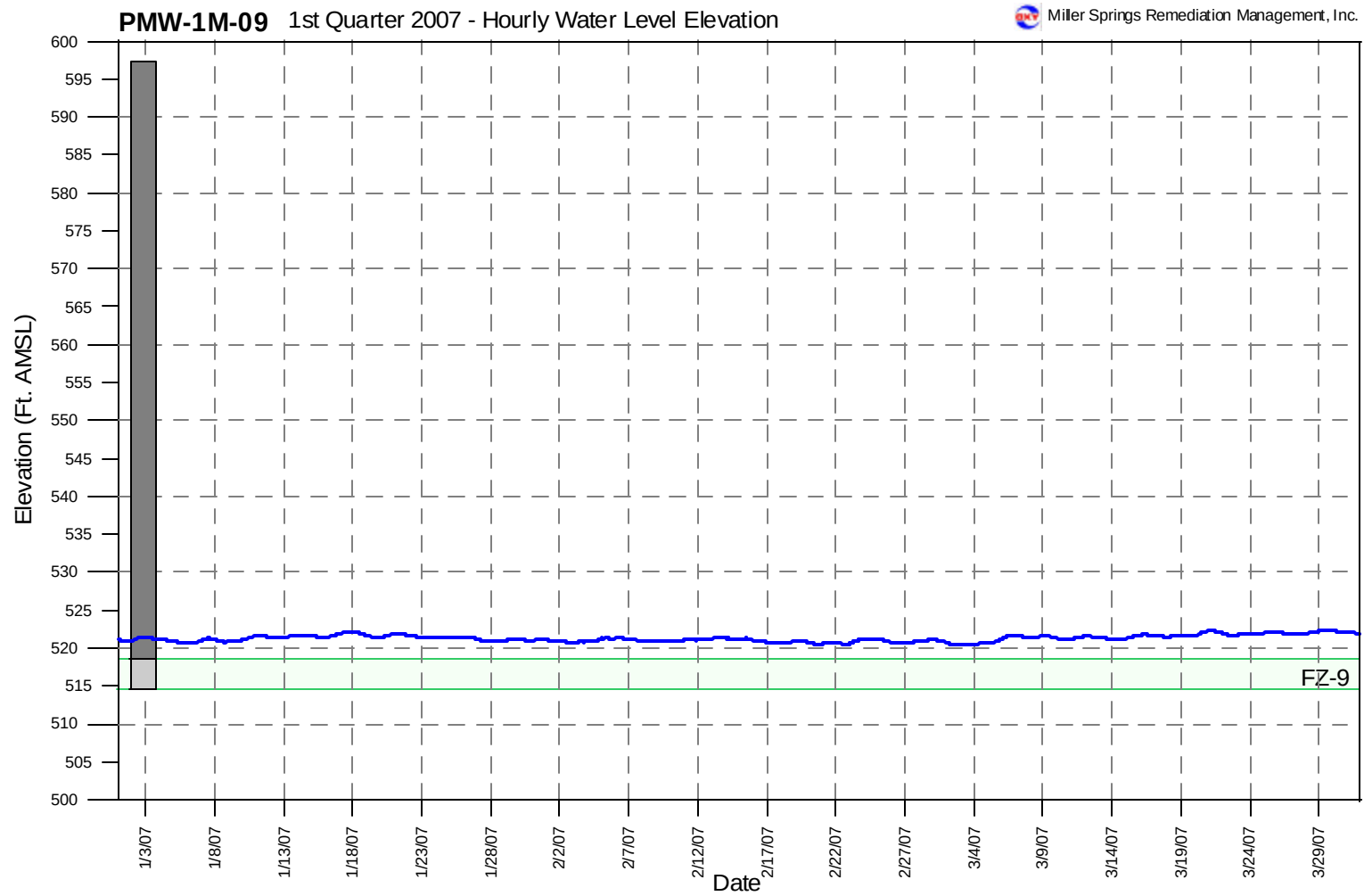


figure 10
PMW-1M-09 HOURLY WATER LEVEL ELEVATION
1ST QUARTER 2007 REPORT
HYDE PARK LANDFILL SITE
Town of Niagara, New York

TABLES

TABLE 1
WATER LEVEL ELEVATION SUMMARY
FIRST QUARTER - 2007
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	590.05	2.15	587.90
CMW-3OB	582.79	5.25	577.54
CMW-4OB	574.85	0.10	574.75
CMW-5OB	584.13	1.45	582.68
CMW-6OB	572.55	2.47	570.08
CMW-7OB	611.38	2.85	608.53
CMW-8OB	616.78	2.90	613.88
CMW-9OB	572.41	2.24	570.17
CMW-10B	576.12	4.95	571.17
CMW-11OB	573.51	1.43	572.08
CMW-12OB	595.26	19.50	575.76
OMW-1	605.87	5.70	600.17
OMW-2	606.39	-	-
OMW-3	599.27	10.60	588.67
OMW-4R	601.83	11.60	590.23
OMW-5R	588.25	5.30	582.95
OMW-6	588.27	-	-
OMW-7	593.39	8.30	585.09
OMW-8R	598.16	10.10	588.06
OMW-8R2	595.31	8.10	587.21
OMW-9	595.97	9.00	586.97
OMW-10	595.51	8.70	586.81
OMW-10R	595.79	-	-
OMW-11R	598.07	6.90	591.17
OMW-12R	596.95	-	-
OMW-13R	602.04	9.10	592.94
OMW-14R	599.42	11.90	587.52
OMW-15	608.04	6.50	601.54
OMW-16R	608.23	7.70	600.53
SC-2	-	-	-
SC-3	-	-	-
SC-4	-	-	-
SC-5	-	-	-
SC-6	-	-	-
Shallow Bedrock			
CMW-1SH	576.68	11.75	564.93
CMW-2SH	589.73	15.45	574.28
CMW-3SH	582.74	26.05	556.69
CMW-4SH	574.97	7.17	567.80
CMW-5SH	584.13	4.94	579.19
CMW-6SH	572.68	9.89	562.79
CMW-7SH	611.16	8.70	602.46
CMW-8SH	617.01	3.44	613.57
CMW-9SH	572.59	11.78	560.81
CMW-11SH	573.86	8.17	565.69
CMW-12SH	597.65	27.06	570.59

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FIRST QUARTER - 2007
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 1			
G1U-01	617.08	11.05	606.03
G6-01	608.11	4.25	603.86
H2U-01	620.92	6.83	614.09
H5-01	617.61	16.43	601.18
I1-01	621.55	19.02	602.53
I1-01	621.55	19.02	602.53
Flow Zone 2			
F2U-02	599.89	22.70	577.19
F4U-02	602.32	14.92	587.40
G1-02	616.86	22.45	594.41
G6-02	608.11	5.77	602.34
H2U-02	620.88	27.02	593.86
H5-02	617.47	22.35	595.12
I1-02	621.42	29.33	592.09
J2U-02	609.66	10.21	599.45
J5U-02	606.21	7.23	598.98
J6-02	609.23	7.87	601.36
Flow Zone 4			
AFW-2U-04	593.48	14.99	578.49
D1U-04	593.77	11.00	582.77
D2U-04	590.65	7.52	583.13
E6-04	578.23	11.78	566.45
F2U-04	599.76	20.07	579.69
F4U-04	602.19	14.60	587.59
F6-04	588.06	17.80	570.26
G1U-04	616.96	22.00	594.96
G6-04	608.11	15.82	592.29
H5-04	617.40	23.12	594.28
I1-04	621.31	35.36	585.95
J2U-04	609.42	12.80	596.62
J5U-04	606.05	16.90	589.15
J6-04	609.12	24.53	584.59

TABLE 1
WATER LEVEL ELEVATION SUMMARY
FIRST QUARTER - 2007
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 5			
AFW-2U-05	593.33	14.81	578.52
AGW-1U-05	591.80	2.50	589.30
D1U-05	593.51	12.82	580.69
D2U-05	590.56	10.00	580.56
E6-05	578.04	10.03	568.01
F2U-05	599.64	19.15	580.49
F4U-05	602.06	14.75	587.31
F6-05	587.85	17.41	570.44
G6-05	608.11	16.60	591.51
H2M-05	621.59	26.44	595.15
H5-05	617.31	24.50	592.81
I1-05	621.21	65.16	556.05
J2U-05	609.30	27.62	581.68
J5U-05	605.87	24.52	581.35
J6-05	609.02	26.01	583.01
PMW-1U-05	598.00	19.67	578.33
Flow Zone 6			
ABP-7-06	575.78	21.71	554.07
AFW-1U-06	571.83	12.99	558.84
AFW-2U-06	593.22	48.10	545.12
AGW-1U-06	591.66	39.33	552.33
B2U-06	589.29	35.72	553.57
C3-06	585.78	37.42	548.36
D1U-06	593.25	48.40	544.85
D2U-06	590.38	46.71	543.67
E6-06	577.99	4.41	573.58
F2M-06	599.06	31.45	567.61
F4M-06	602.05	50.00	552.05
F6-06	587.84	14.10	573.74
G1M-06	616.75	42.92	573.83
G6-06	608.11	34.66	573.45
H2M-06	621.42	54.50	566.92
H5-06	617.17	18.08	599.09
I1-06	621.08	70.58	550.50
J2M-06	608.94	57.28	551.66
J5M-06	606.22	63.64	542.58
J6-06	608.93	56.04	552.89
PMW-1U-06	597.92	53.17	544.75

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<i>Well</i>	<i>Reference Elevation (ft AMSL)</i>	<i>Depth to Water (ft)</i>	<i>Water Level Elevation (ft AMSL)</i>
Flow Zone 7			
ABP-1-07	*	*	*
ABP-7-07	575.67	40.19	535.48
AFW-1M-07	571.41	38.67	532.74
AFW-2M-07	593.44	66.81	526.63
AGW-1M-07	592.91	44.90	548.01
B2M-07	589.52	41.90	547.62
C3-07	585.62	43.23	542.39
D1M-07	594.15	63.11	531.04
D2M-07	590.77	68.21	522.56
E6-07	577.91	23.26	554.65
F2M-07	598.91	78.63	520.28
F4M-07	601.91	74.50	527.41
F6-07	587.68	21.30	566.38
G1M-07	616.68	47.30	569.38
G6-07	608.11	34.63	573.48
H5-07	617.05	61.94	555.11
I1-07	620.97	75.07	545.90
J5M-07	606.07	57.85	548.22
J6-07	608.85	60.92	547.93
PMW-1M-07	598.50	67.23	531.27
Flow Zone 9			
ABP-1-09	*	*	*
ABP-7-09	575.67	39.91	535.76
AFW-1M-09	571.12	42.32	528.80
AFW-2M-09	593.32	71.81	521.51
AGW-1M-09	592.75	44.50	548.25
B2M-09	589.34	68.75	520.59
C3-09	585.54	45.30	540.24
D1M-09	594.02	74.10	519.92
D2M-09	590.66	70.78	519.88
E6-09	577.82	23.52	554.30
F2M-09	598.71	78.90	519.81
F4M-09	601.79	82.66	519.13
F6-09	587.53	4.09	583.44
G1M-09	616.58	48.22	568.36
G6-09	608.11	39.40	568.71
H2M-09	621.32	73.60	547.72
H5-09	616.93	70.32	546.61
I1-09	620.86	56.48	564.38
J2M-09	608.77	60.46	548.31
J5M-09	605.82	57.35	548.47
J6-09	608.76	43.20	565.56
PMW-1M-09	598.34	78.58	519.76

TABLE 1
WATER LEVEL ELEVATION SUMMARY
FIRST QUARTER - 2007
HYDE PARK RRT PROGRAM

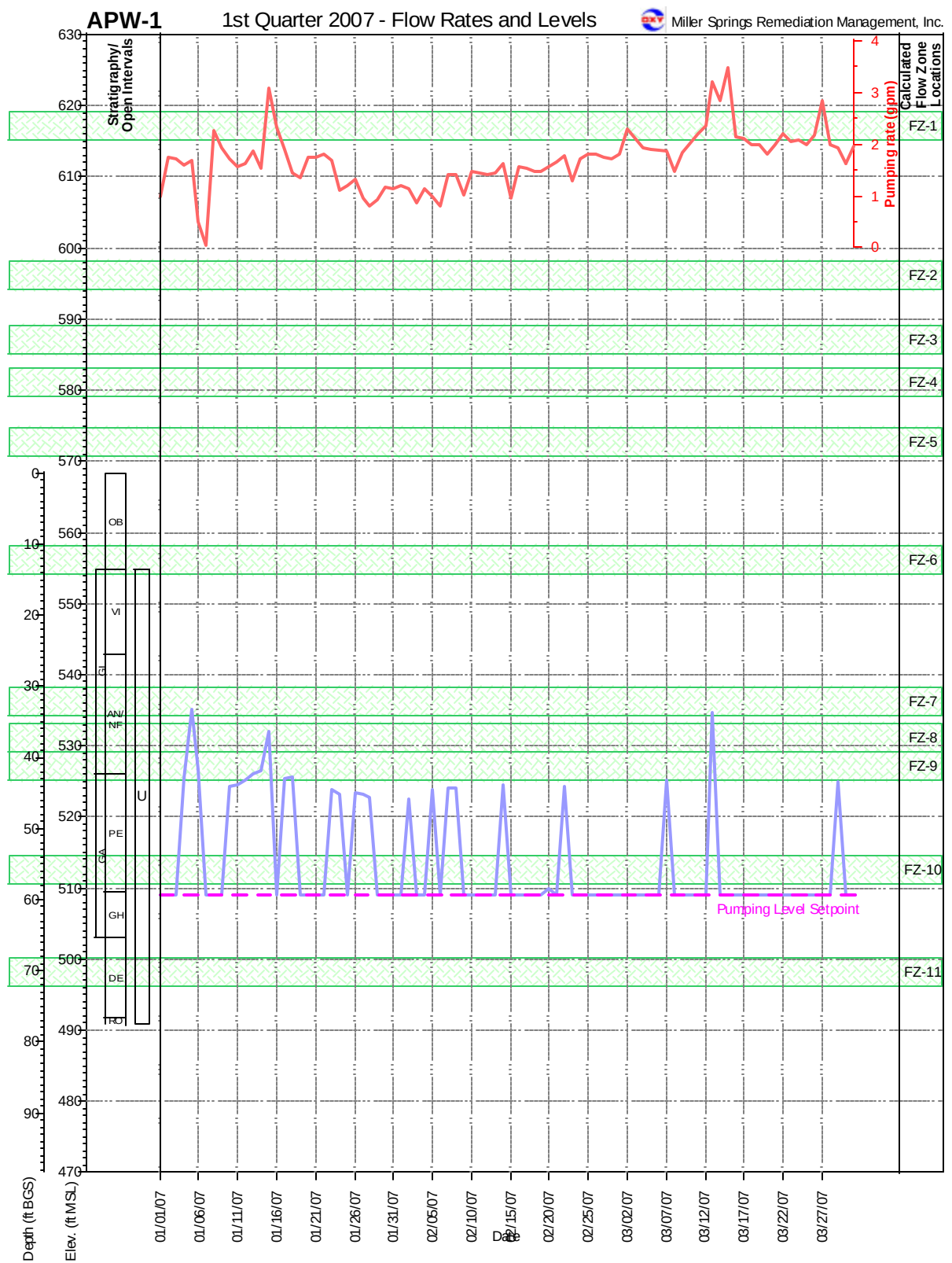
<i>Well</i>	<i>Reference Elevation (ft AMSL)</i>	<i>Depth to Water (ft)</i>	<i>Water Level Elevation (ft AMSL)</i>
Flow Zone 11			
AFW-1L-11	572.10	56.70	515.40
AFW-2L-11	593.43	96.41	497.02
AGW-1L-11	592.71	26.40	566.31
B2L-11	589.65	91.78	497.87
D1L-11	593.80	90.71	503.09
D2L-11	590.21	69.92	520.29
E6-11	577.72	43.82	533.90
F2L-11	598.94	45.43	553.51
F4L-11	602.22	40.00	562.22
F6-11	587.40	60.82	526.58
G1L-11	616.84	51.58	565.26
G6-11	608.11	40.00	568.11
H2L-11	620.73	60.58	560.15
H5-11	616.81	64.90	551.91
I1-11	620.71	74.61	546.10
J5L-11	607.20	60.53	546.67
J6-11	608.68	30.15	578.53
PMW-1L-11	598.84	90.81	508.03

Note:

* Well damaged by car.

ATTACHMENT 1

PURGE WELL PERFORMANCE GRAPHS

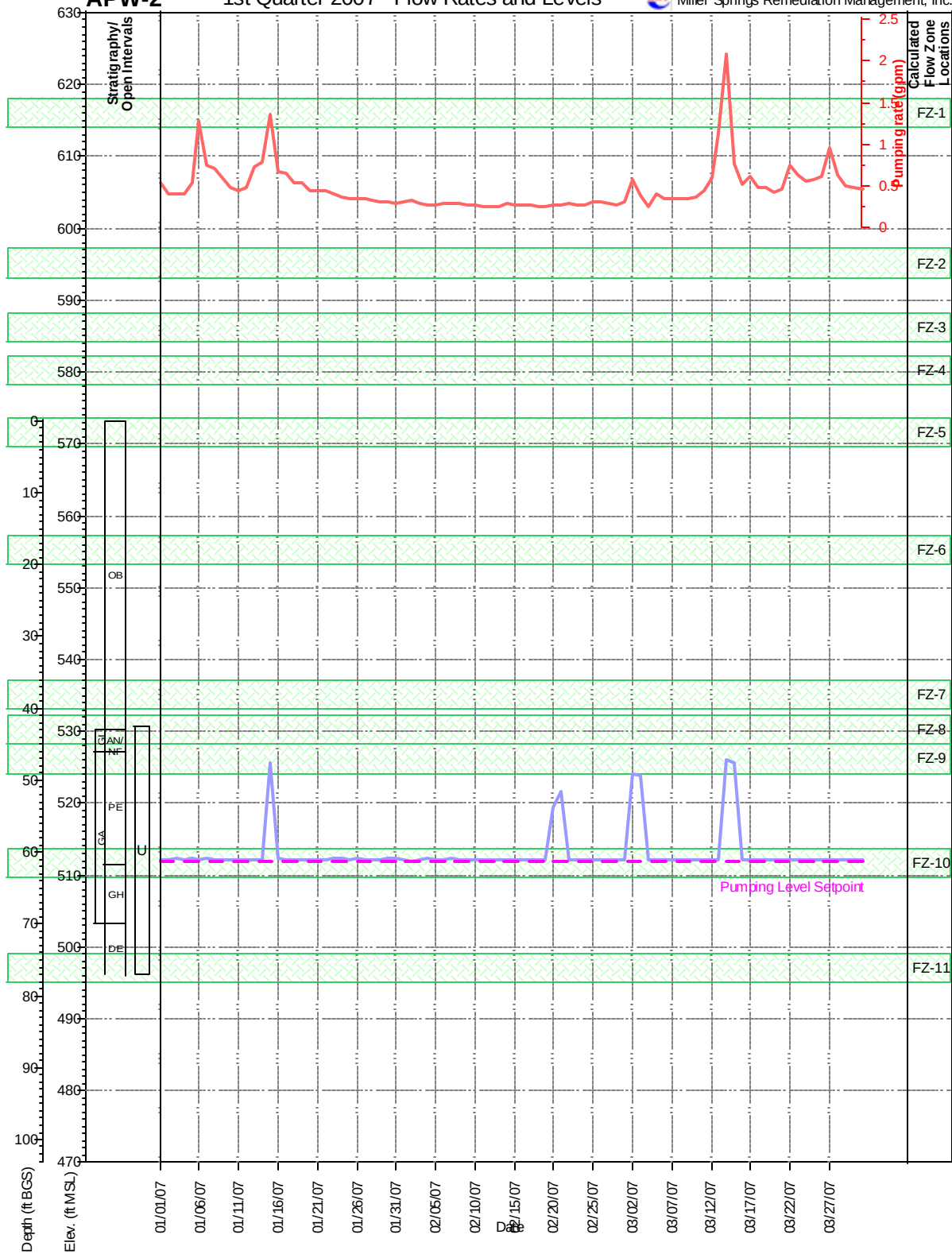


APW-2

1st Quarter 2007 - Flow Rates and Levels



Miller Springs Remediation Management, Inc.

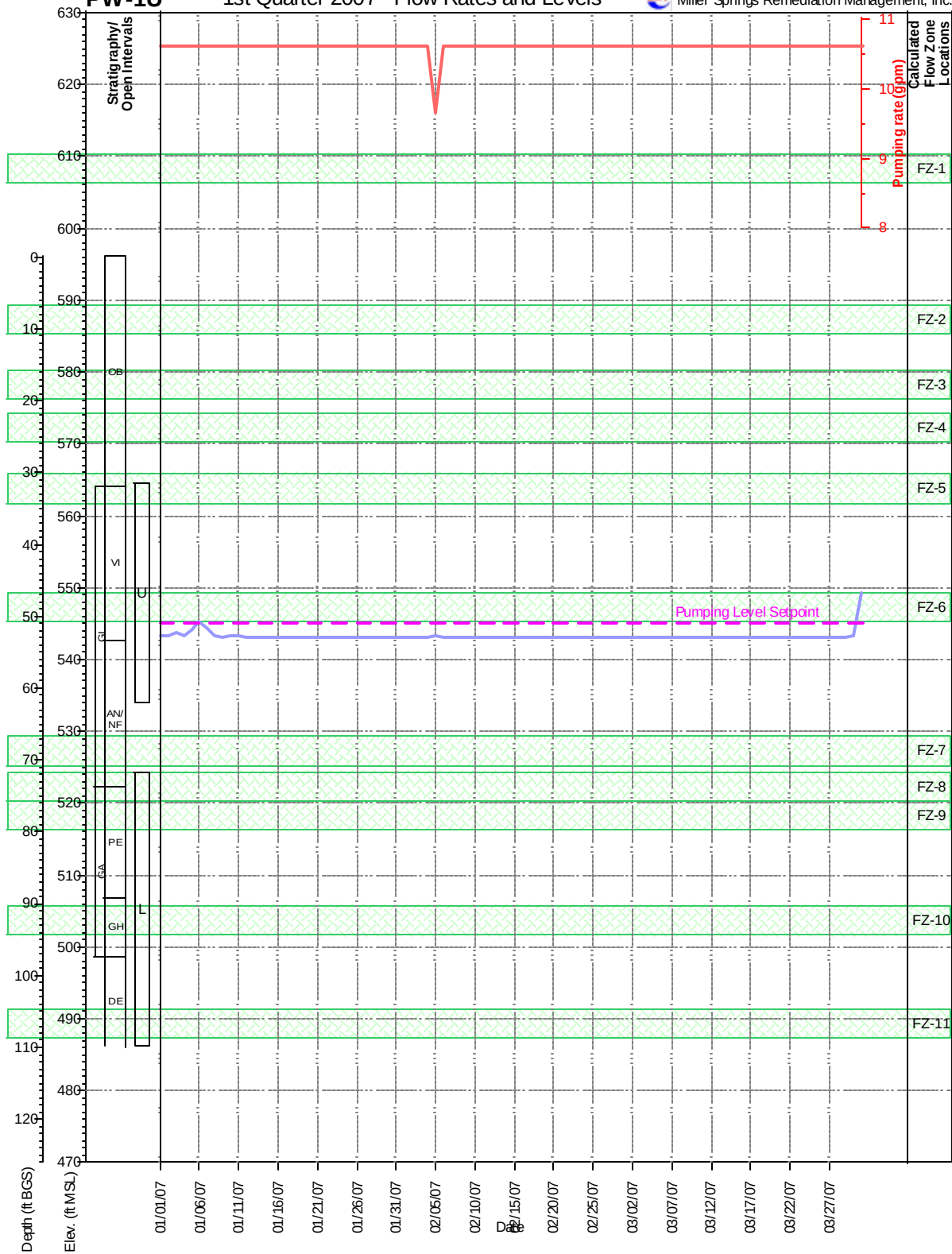


PW-1U

1st Quarter 2007 - Flow Rates and Levels



Miller Springs Remediation Management, Inc.

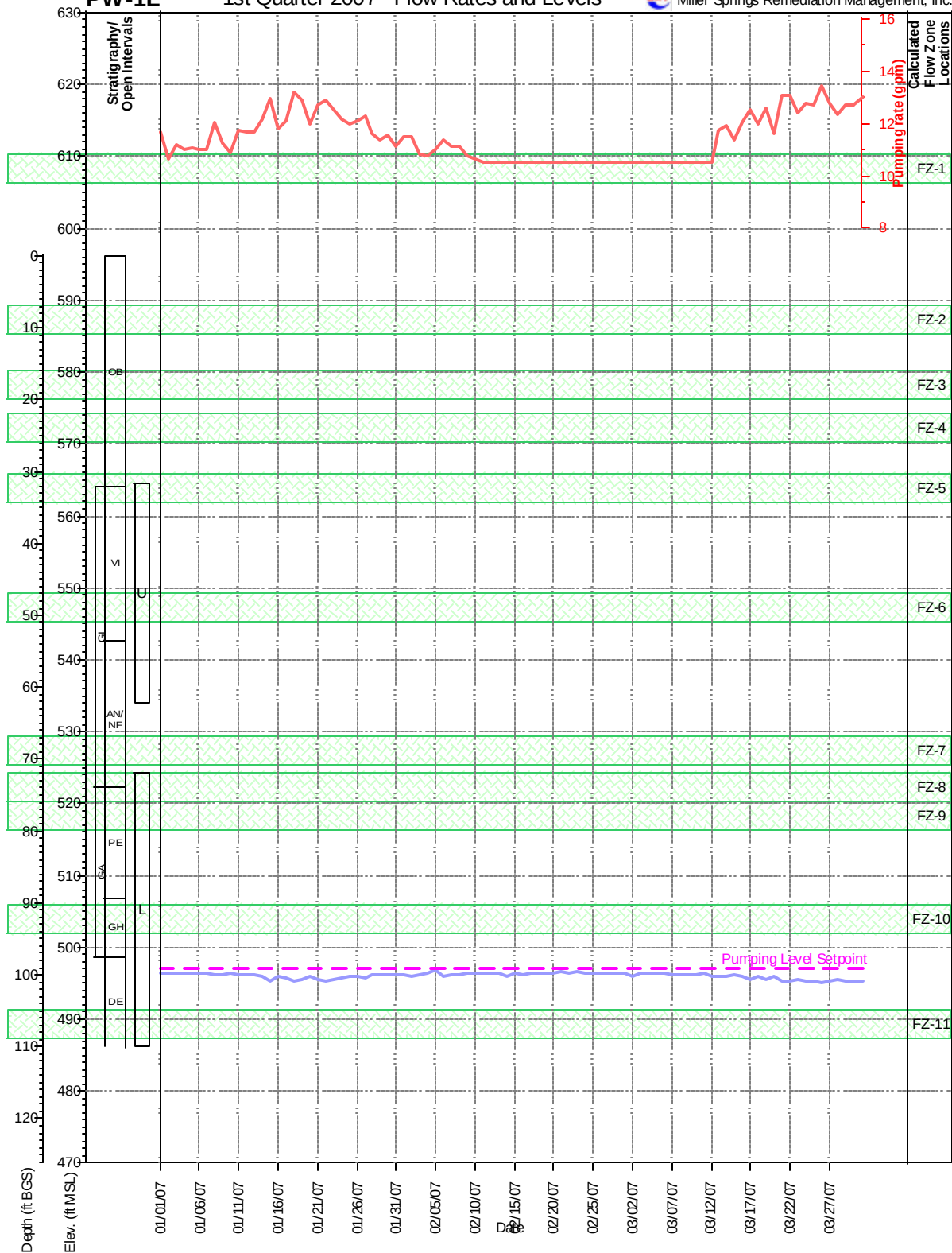


PW-1L

1st Quarter 2007 - Flow Rates and Levels



Miller Springs Remediation Management, Inc.

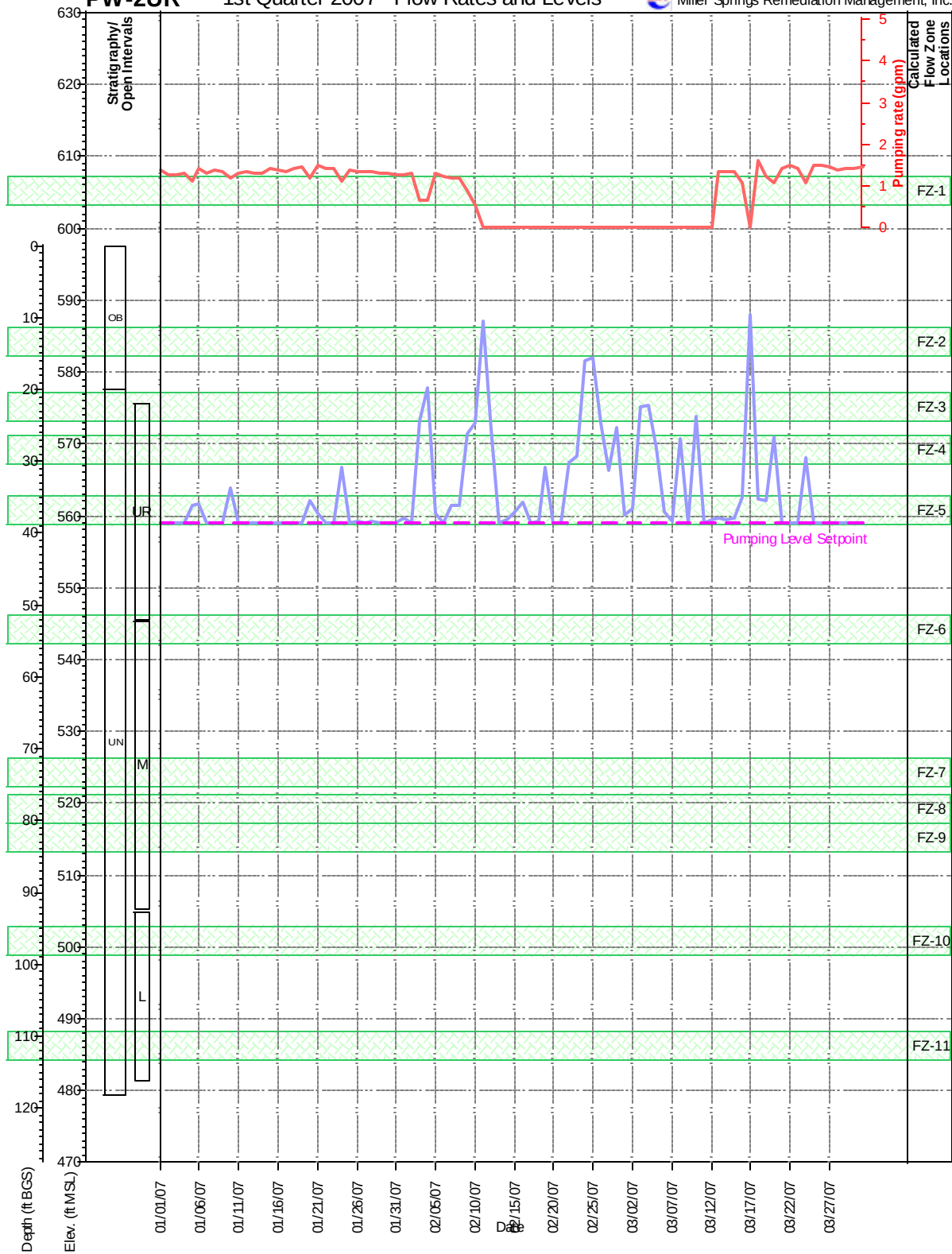


PW-2UR

1st Quarter 2007 - Flow Rates and Levels



Miller Springs Remediation Management, Inc.

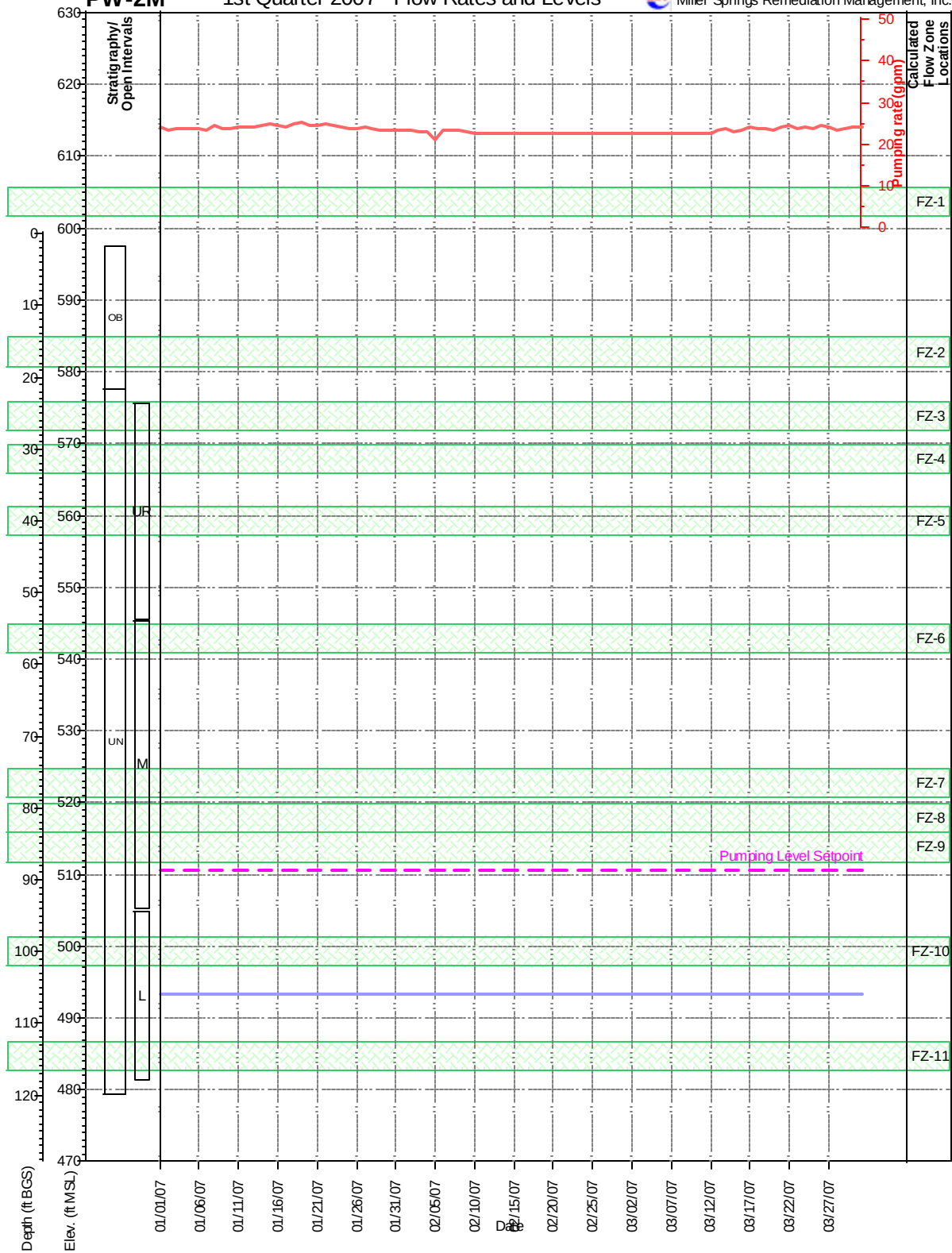


PW-2M

1st Quarter 2007 - Flow Rates and Levels



Miller Springs Remediation Management, Inc.

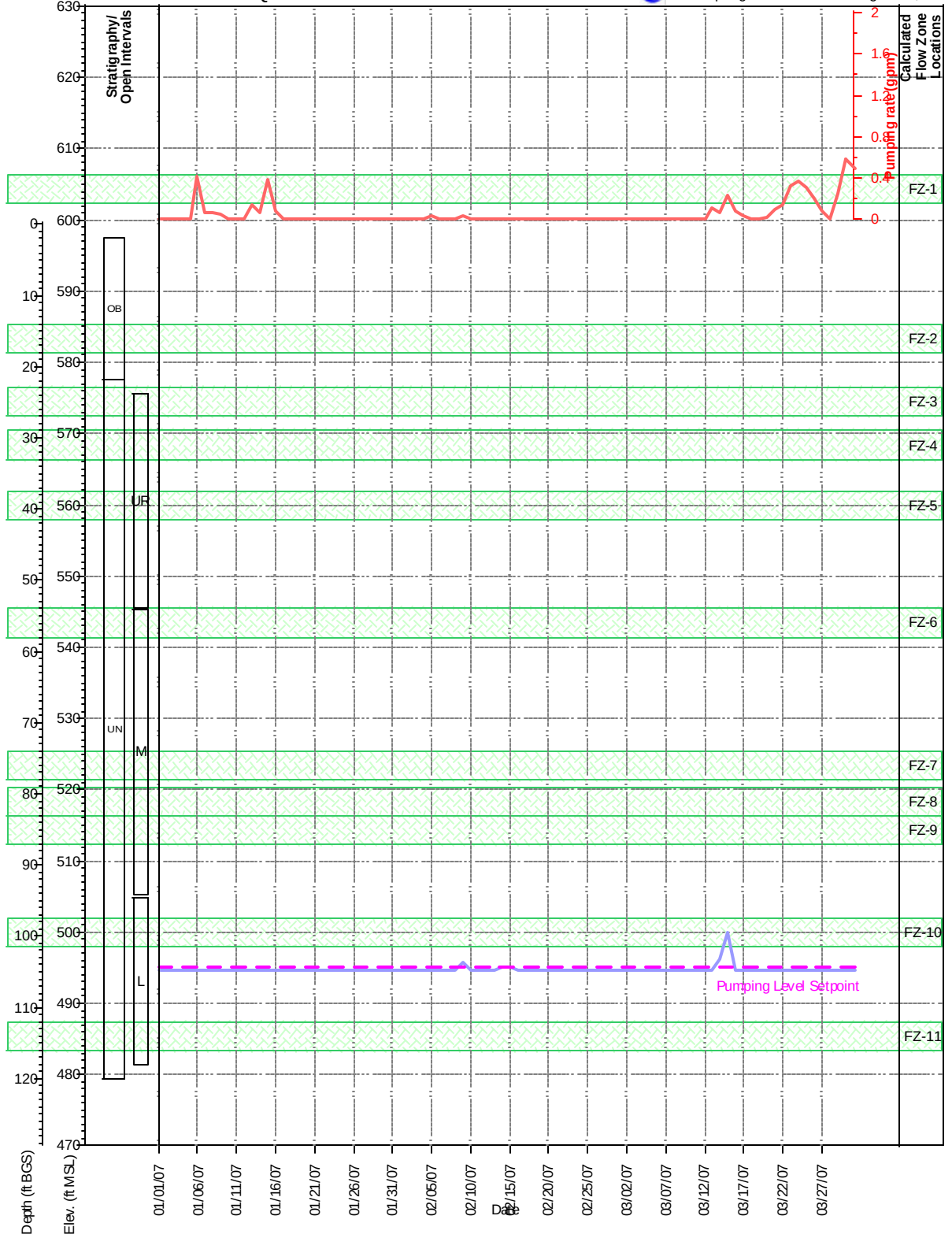


PW-2L

1st Quarter 2007 - Flow Rates and Levels



Miller Springs Remediation Management, Inc.

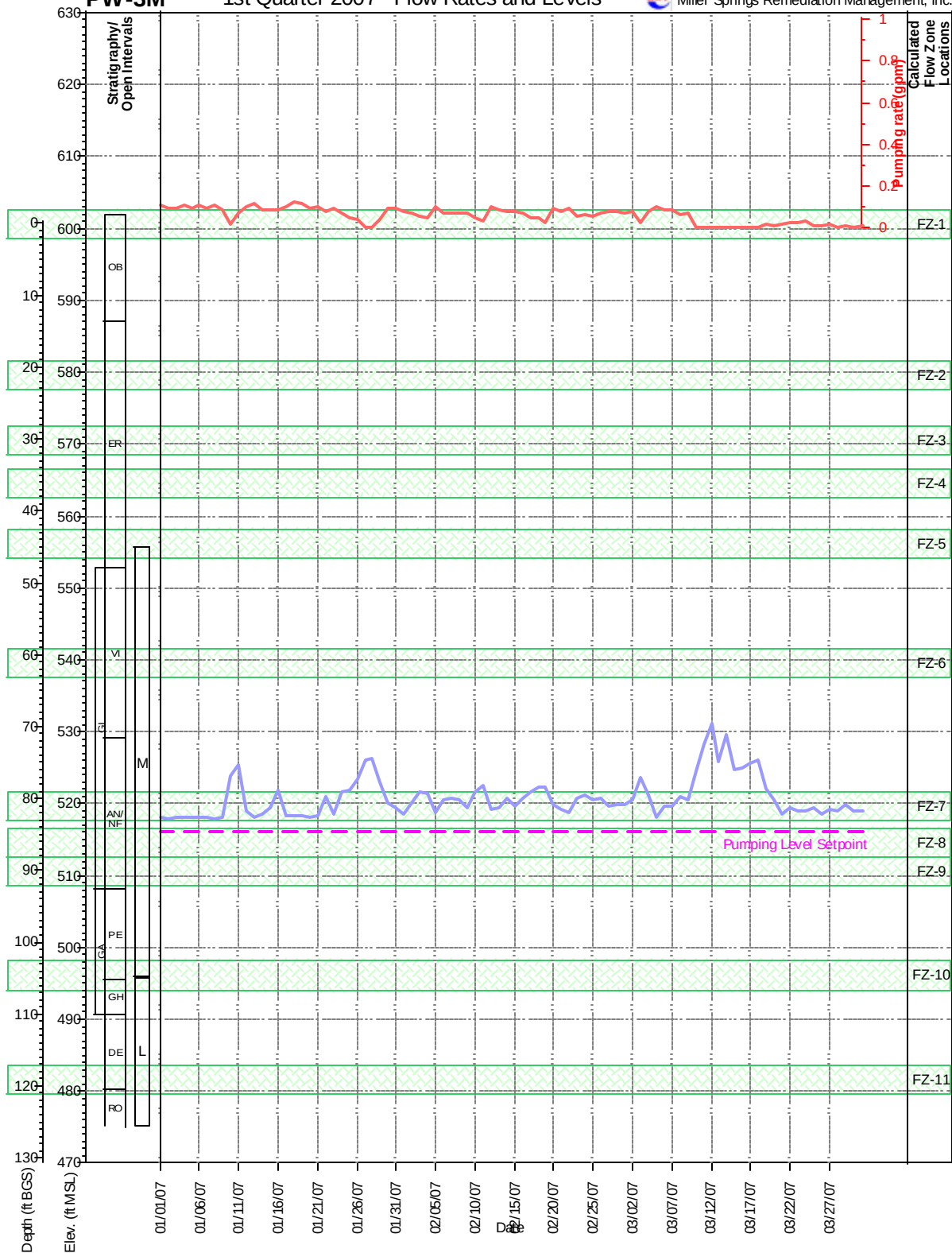


PW-3M

1st Quarter 2007 - Flow Rates and Levels



Miller Springs Remediation Management, Inc.

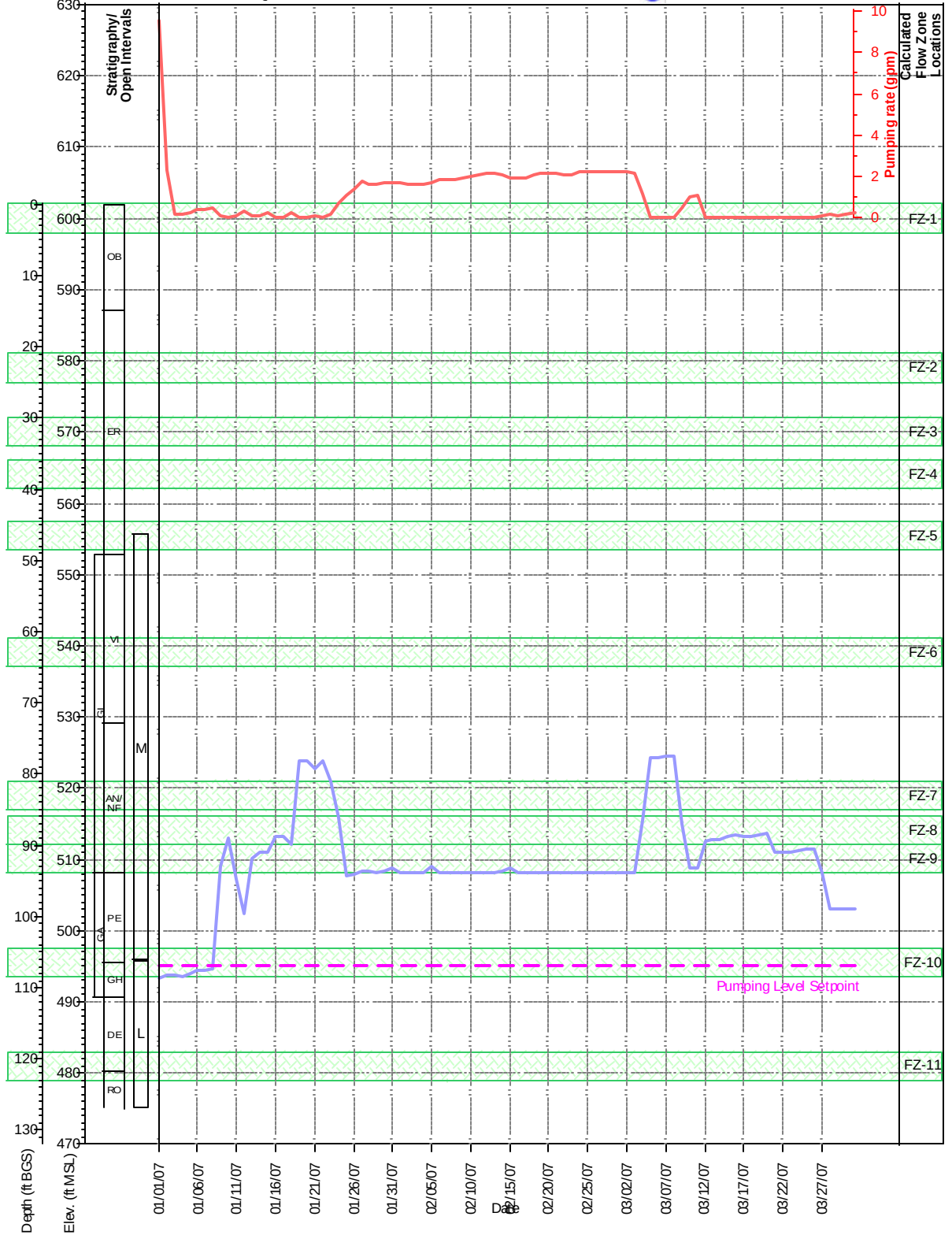


PW-3L

1st Quarter 2007 - Flow Rates and Levels



Miller Springs Remediation Management, Inc.

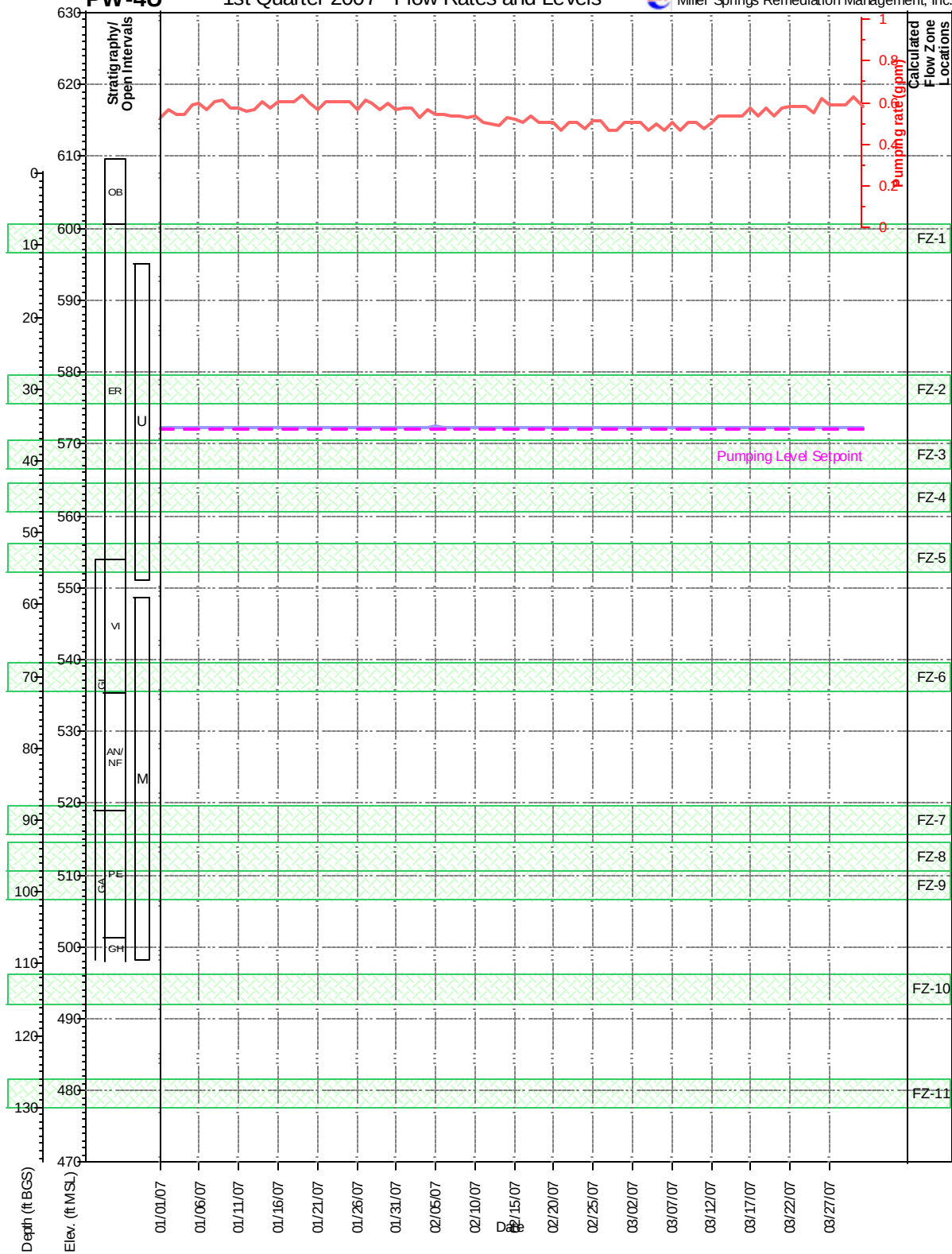


PW-4U

1st Quarter 2007 - Flow Rates and Levels



Miller Springs Remediation Management, Inc.

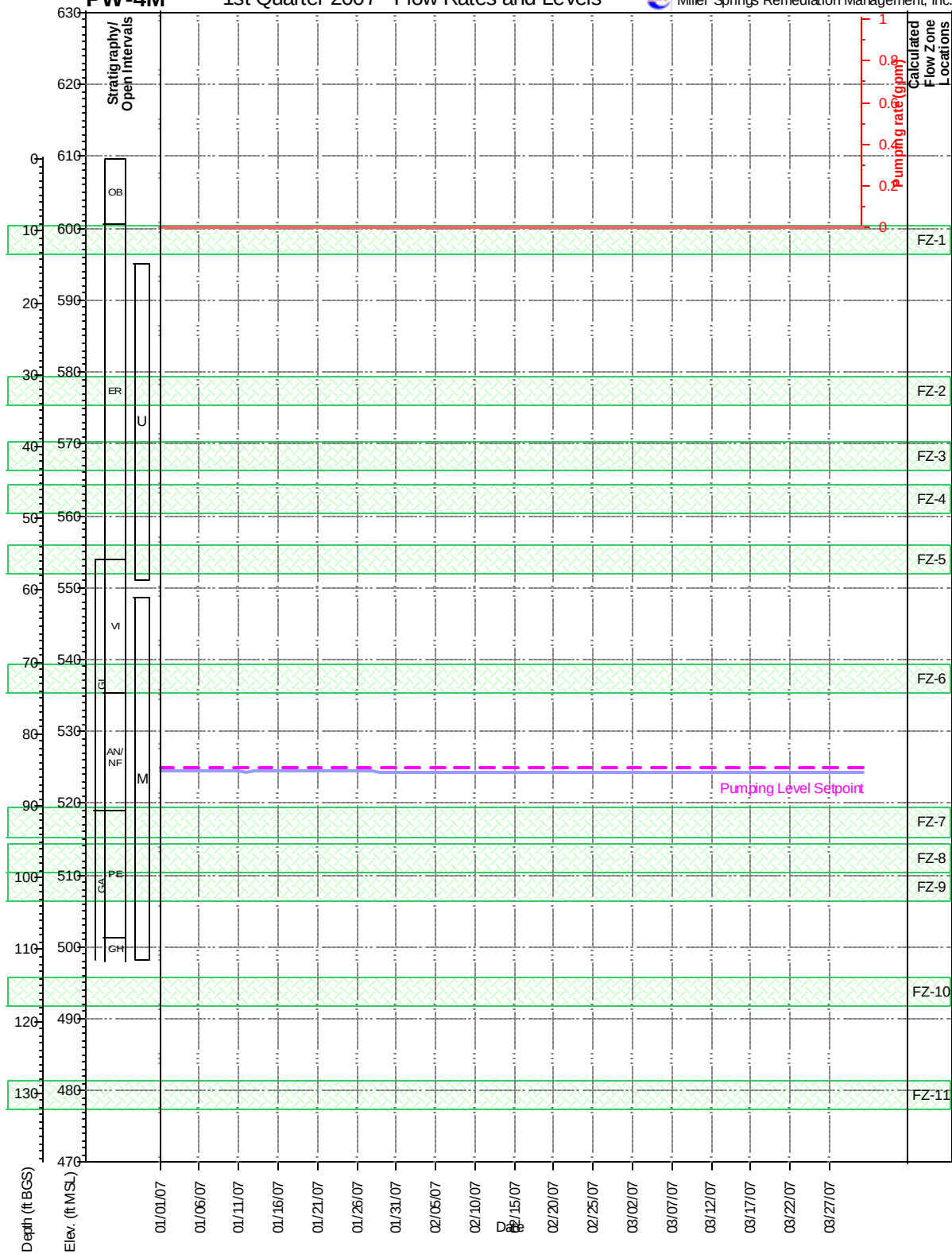


PW-4M

1st Quarter 2007 - Flow Rates and Levels



Miller Springs Remediation Management, Inc.

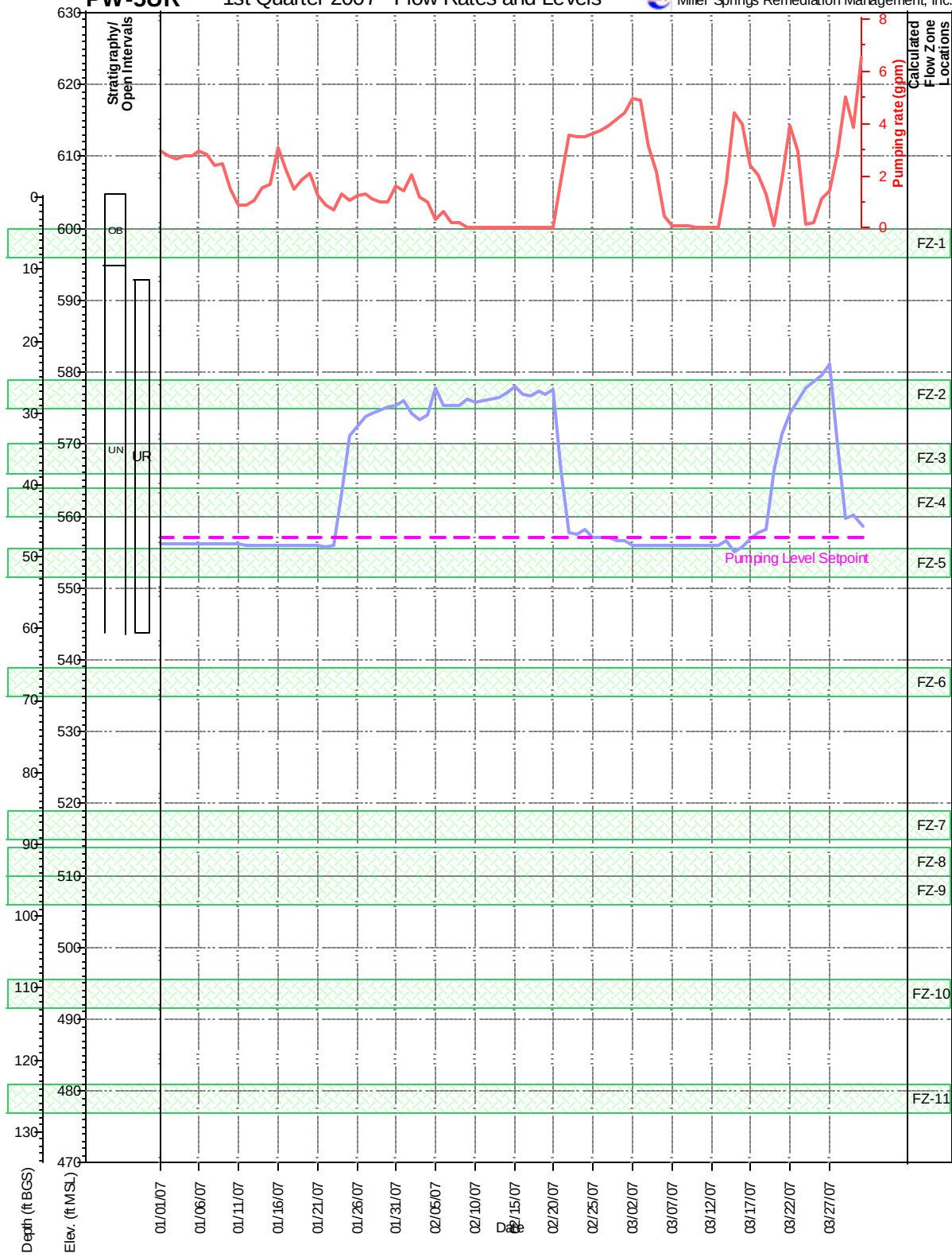


PW-5UR

1st Quarter 2007 - Flow Rates and Levels



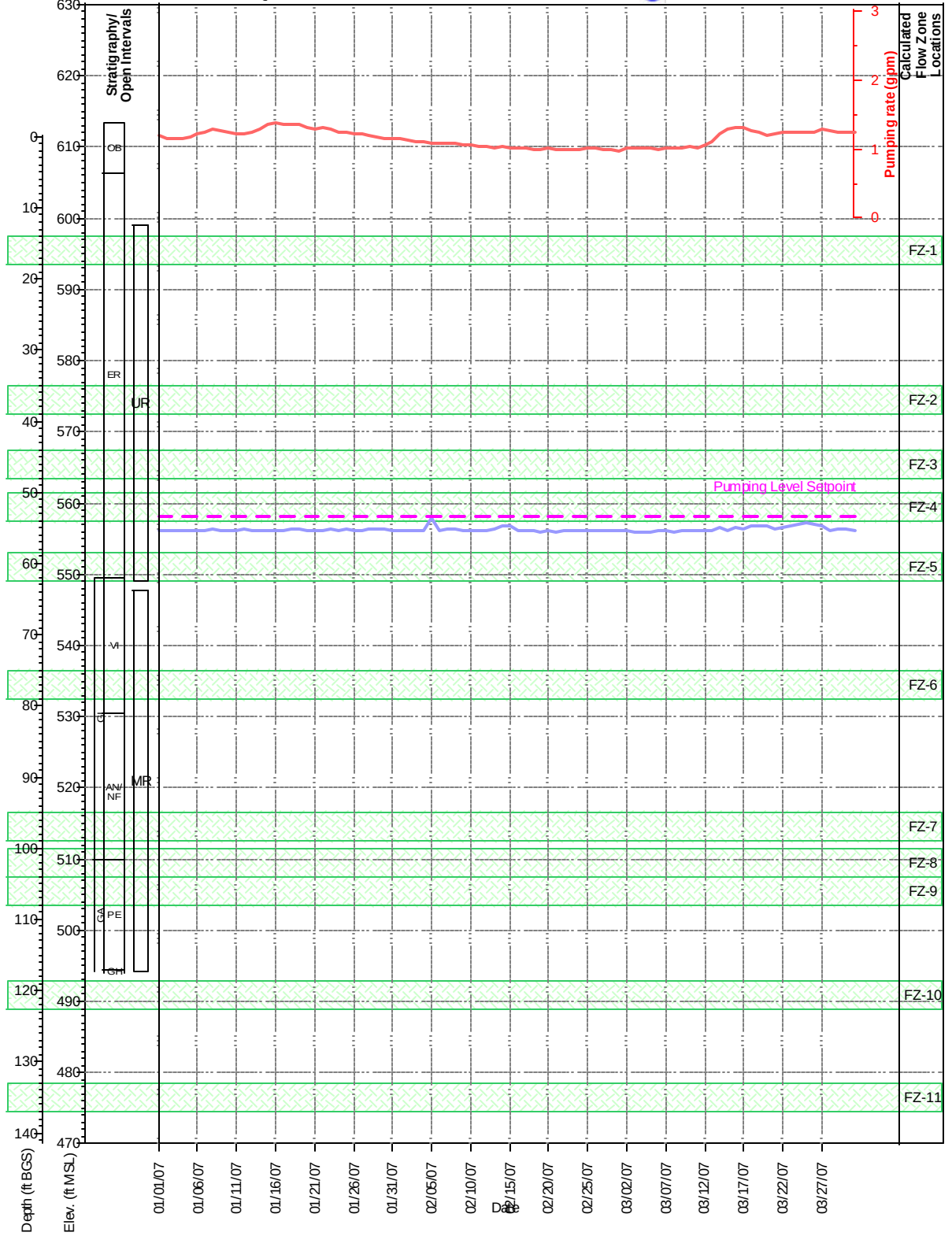
Miller Springs Remediation Management, Inc.



PW-6UR

1st Quarter 2007 - Flow Rates and Levels

Miller Springs Remediation Management, Inc.

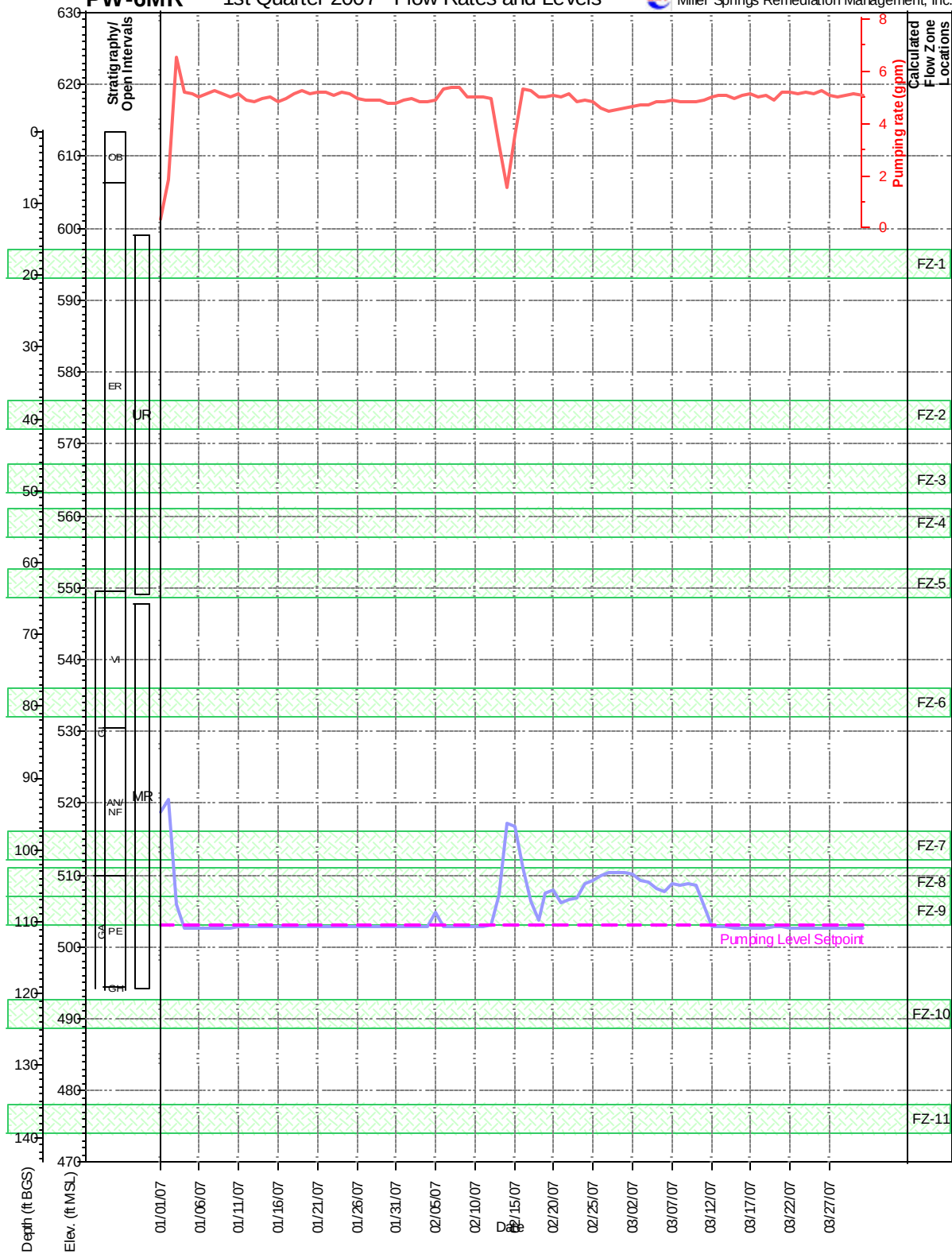


PW-6MR

1st Quarter 2007 - Flow Rates and Levels



Miller Springs Remediation Management, Inc.

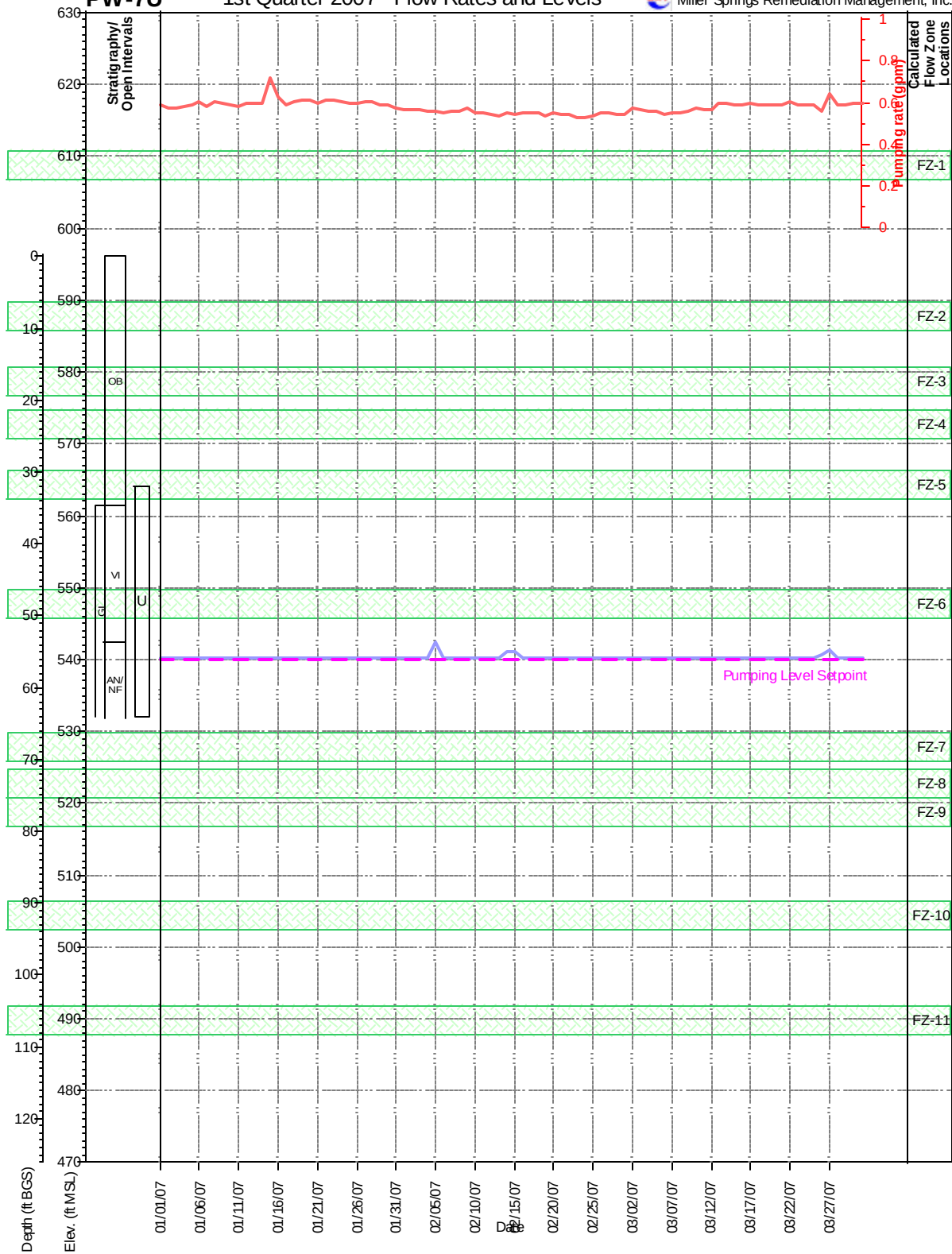


PW-7U

1st Quarter 2007 - Flow Rates and Levels



Miller Springs Remediation Management, Inc.

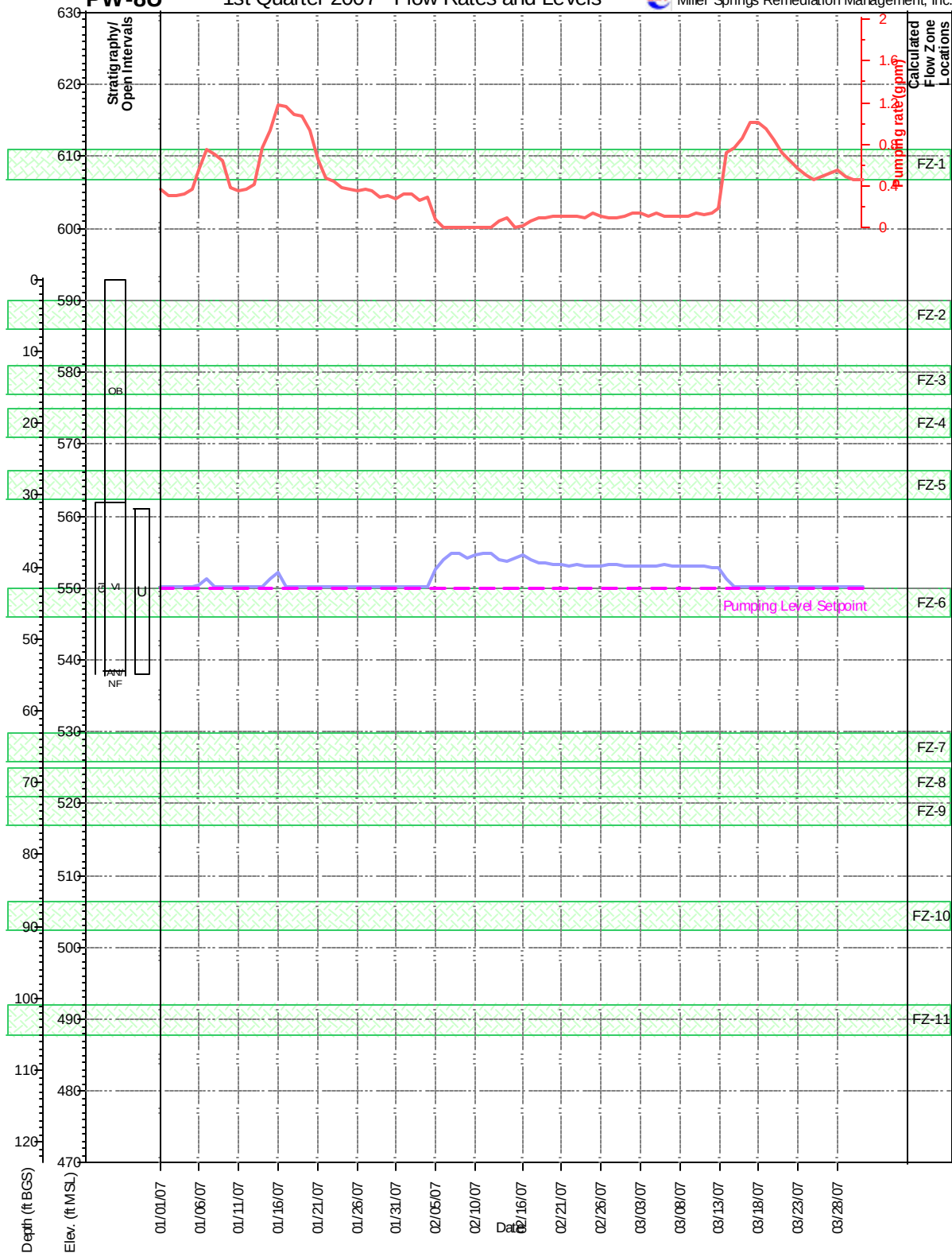


PW-8U

1st Quarter 2007 - Flow Rates and Levels



Miller Springs Remediation Management, Inc.

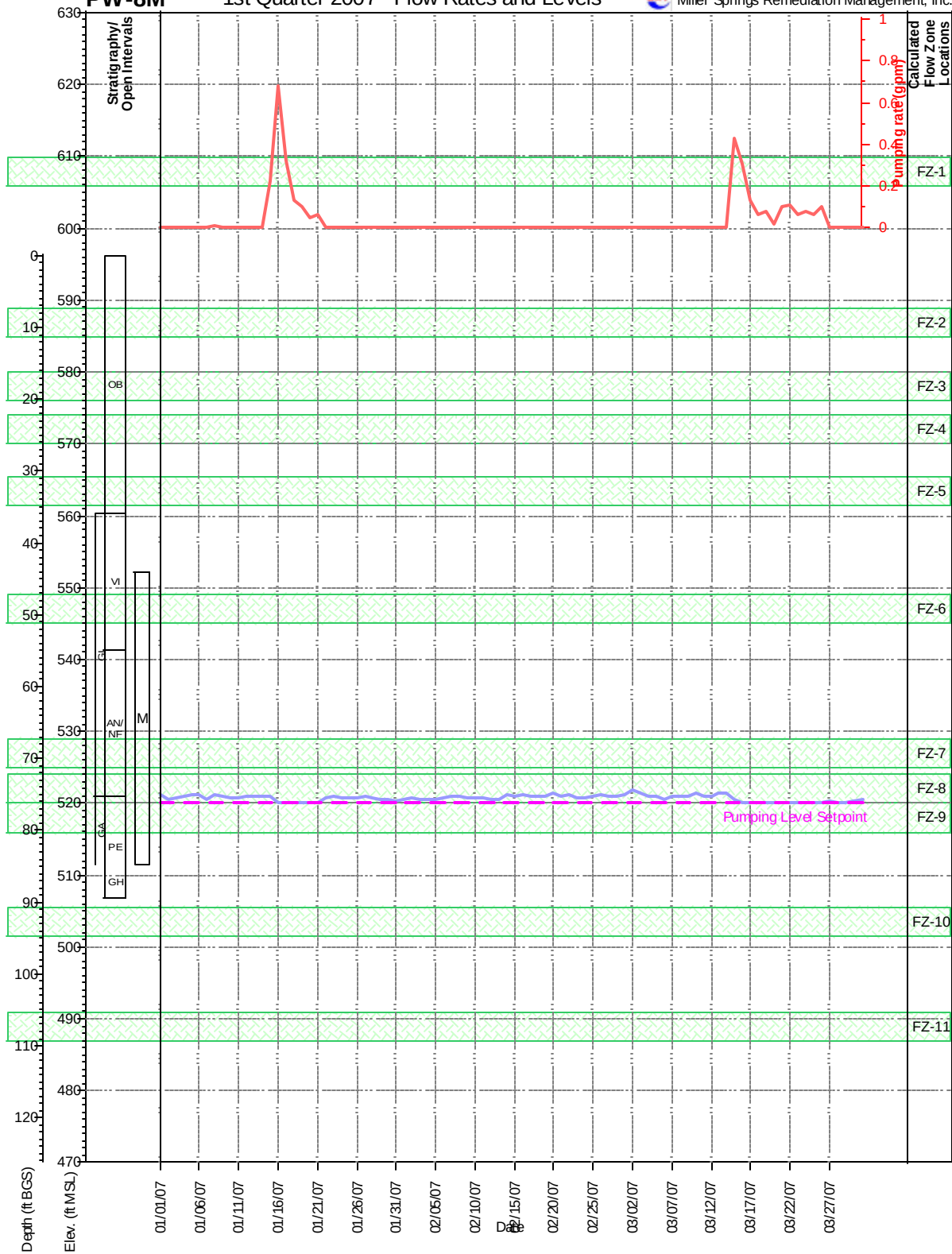


PW-8M

1st Quarter 2007 - Flow Rates and Levels



Miller Springs Remediation Management, Inc.

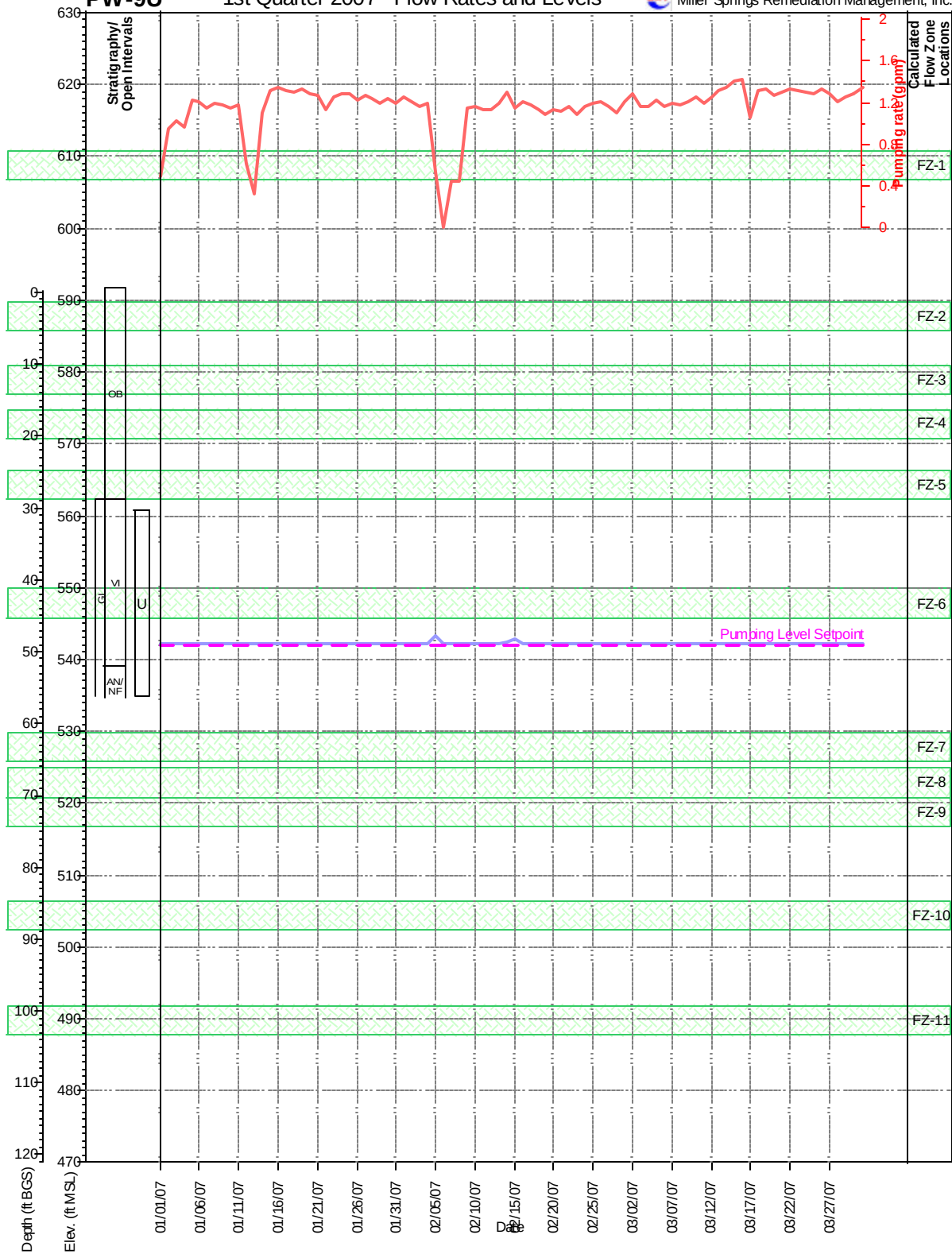


PW-9U

1st Quarter 2007 - Flow Rates and Levels



Miller Springs Remediation Management, Inc.

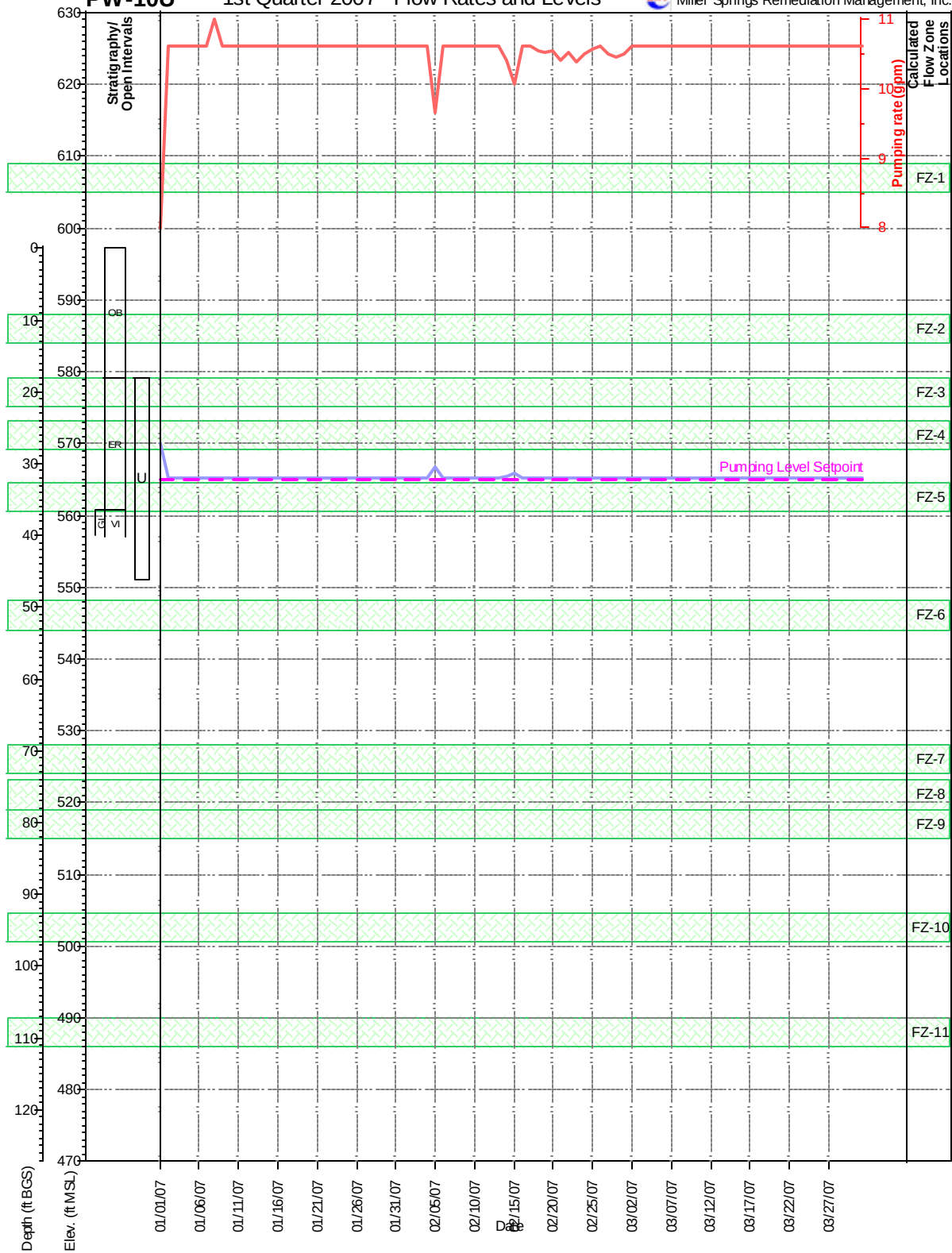


PW-10U

1st Quarter 2007 - Flow Rates and Levels



Miller Springs Remediation Management, Inc.



ATTACHMENT 2

TREATMENT SYSTEM EFFLUENT MONITORING DATA

ATTACHMENT 2

ANALYTICAL RESULTS SUMMARY WEEKLY SAMPLING - LEACHATE TREATMENT SYSTEM FIRST QUARTER 2007 HYDE PARK RRT PROGRAM

Effluent

Parameter	Units	Treatment	01/03/07	01/10/07	01/17/07	01/24/07	01/31/07	02/07/07	02/08/07	02/09/07
		Level								
Volatiles										
1,2,3-Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	2.0 U
1,3,5-Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	ug/L	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	2.0 U
3-Chlorotoluene	ug/L	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	2.0 U
4-Chlorotoluene	ug/L	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	2.0 U
Chlorobenzene	ug/L	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	2.0 U
m-Monochlorobenzotrifluoride	ug/L	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	2.0 U
o-Monochlorobenzotrifluoride	ug/L	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	2.0 U
p-Monochlorobenzotrifluoride	ug/L	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	2.0 U
Tetrachloroethene	ug/L	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	2.0 U
Trichloroethene	ug/L	10	1.0 U	1.0 U	1.0 U	0.29 J	1.0 U	1.0 U	5.0 U	2.0 U

Parameter	Units	Treatment	02/14/07	02/21/07	02/28/07	03/07/07	03/14/07	03/21/07	03/28/07
		Level							
1,2,3-Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	ug/L	-	2.0 U	1.0 U	1.0 U	3.0	5.0	5.0	5.0
1,3,5-Trichlorobenzene	ug/L	-	-	-	-	-	-	-	-
2-Chlorotoluene	ug/L	10	2.0 U	1.0 U	1.0 U	3.0	5.0	5.0	5.0
3-Chlorotoluene	ug/L	10	2.0 U	1.0 U	1.0 U	3.0	5.0	5.0	5.0
4-Chlorotoluene	ug/L	10	2.0 U	1.0 U	1.0 U	3.0	5.0	5.0	5.0
Chlorobenzene	ug/L	10	2.0 U	1.0 U	1.0 U	3.0	5.0	5.0	5.0
m-Monochlorobenzotrifluoride	ug/L	10	2.0 U	1.0 U	1.0 U	3.0	5.0	5.0	5.0
o-Monochlorobenzotrifluoride	ug/L	10	2.0 U	1.0 U	1.0 U	3.0	5.0	5.0	5.0
p-Monochlorobenzotrifluoride	ug/L	10	2.0 U	1.0 U	1.0 U	3.0	5.0	5.0	5.0
Tetrachloroethene	ug/L	10	2.0 U	1.0 U	1.0 U	3.0	5.0	5.0	5.0
Trichloroethene	ug/L	10	2.0 U	1.0 U	1.0 U	3.0	5.0	5.0	5.0

Notes:

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