



Miller Springs Remediation Management, Inc.
2480 Fortune Drive, STE 300
Lexington, KY 40509

September 22, 2006

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 – 2nd Quarter 2006

Dear Ms. Sosa and Mr. Welling:

In accordance with the March 2005 draft "Performance Monitoring Plan", the following is the quarterly data report for the Hyde Park Remedial Program for the period April 1, 2006 to June 30, 2006. A total of 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.

Performance monitoring data is presented as follows:

1. Figures 1-9 showing groundwater contours for the flow zones and overburden.
2. Table 1 – Water Level Elevation Summary
3. Attachment 1 – Purge well performance graphs indicating level and flow information.
4. 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.

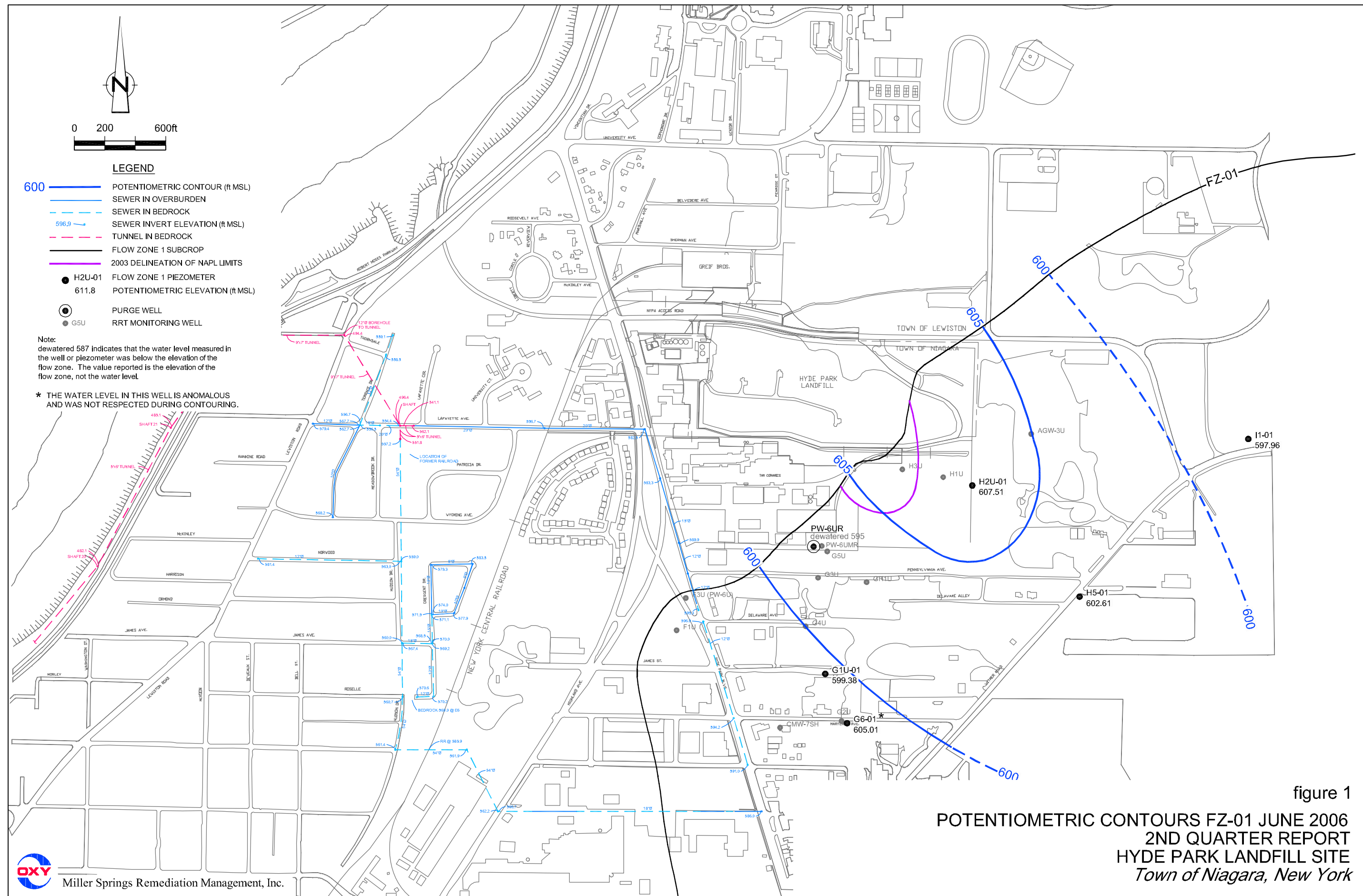
Sincerely,

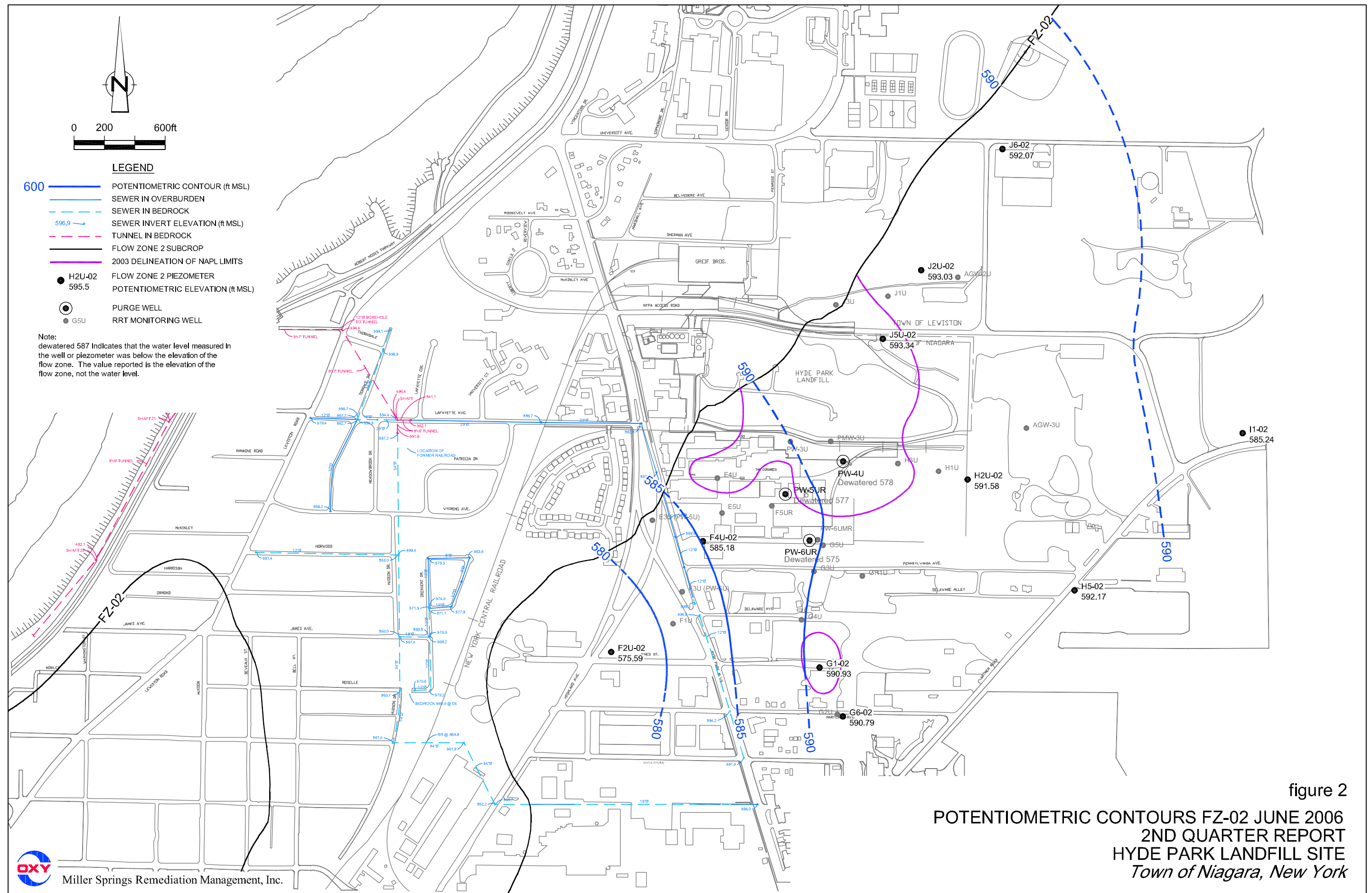
Donald W. McLeod, P.E.
Project Manager

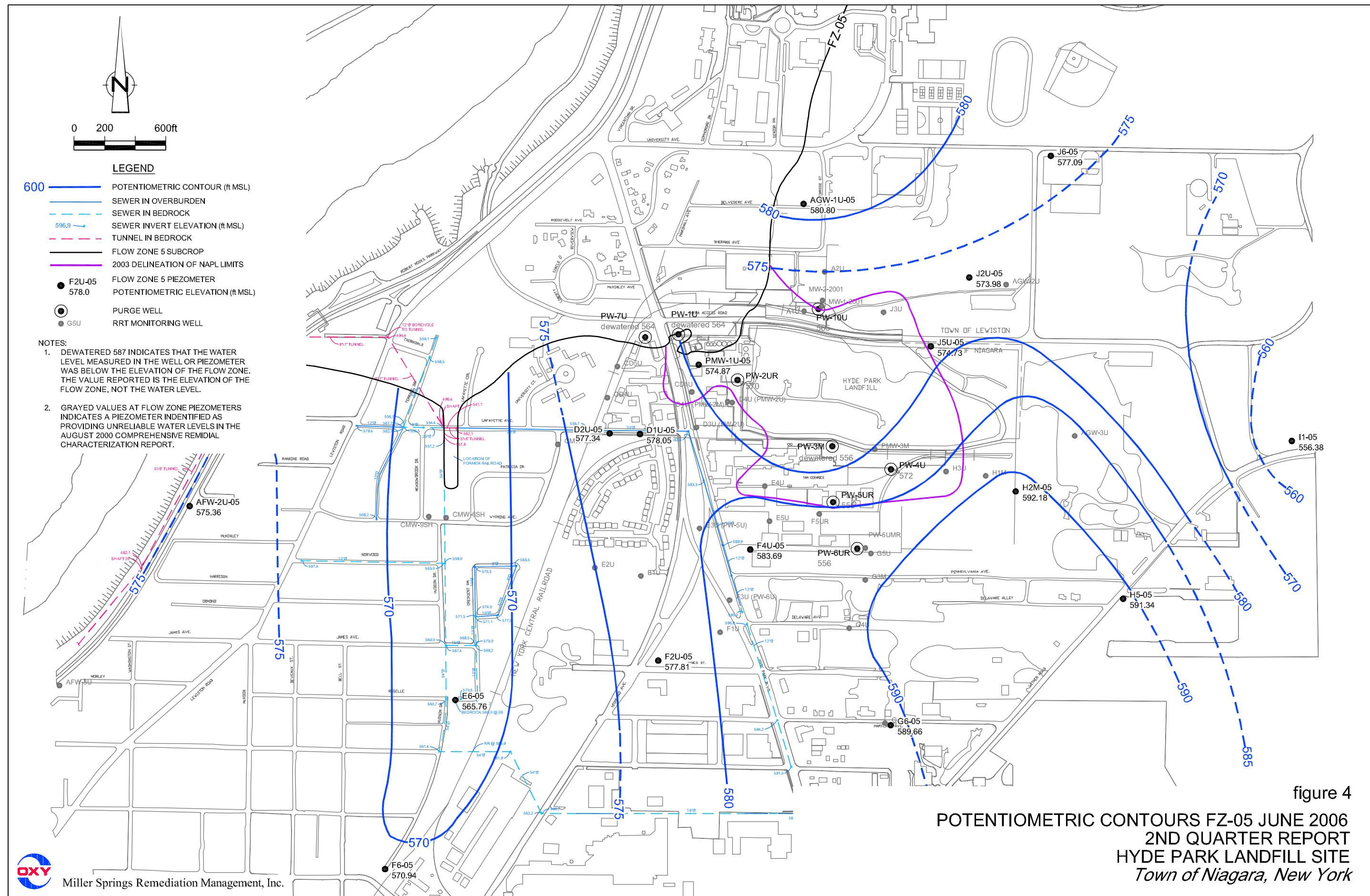
DWM (1069-SosaWell-10)
Encl.

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

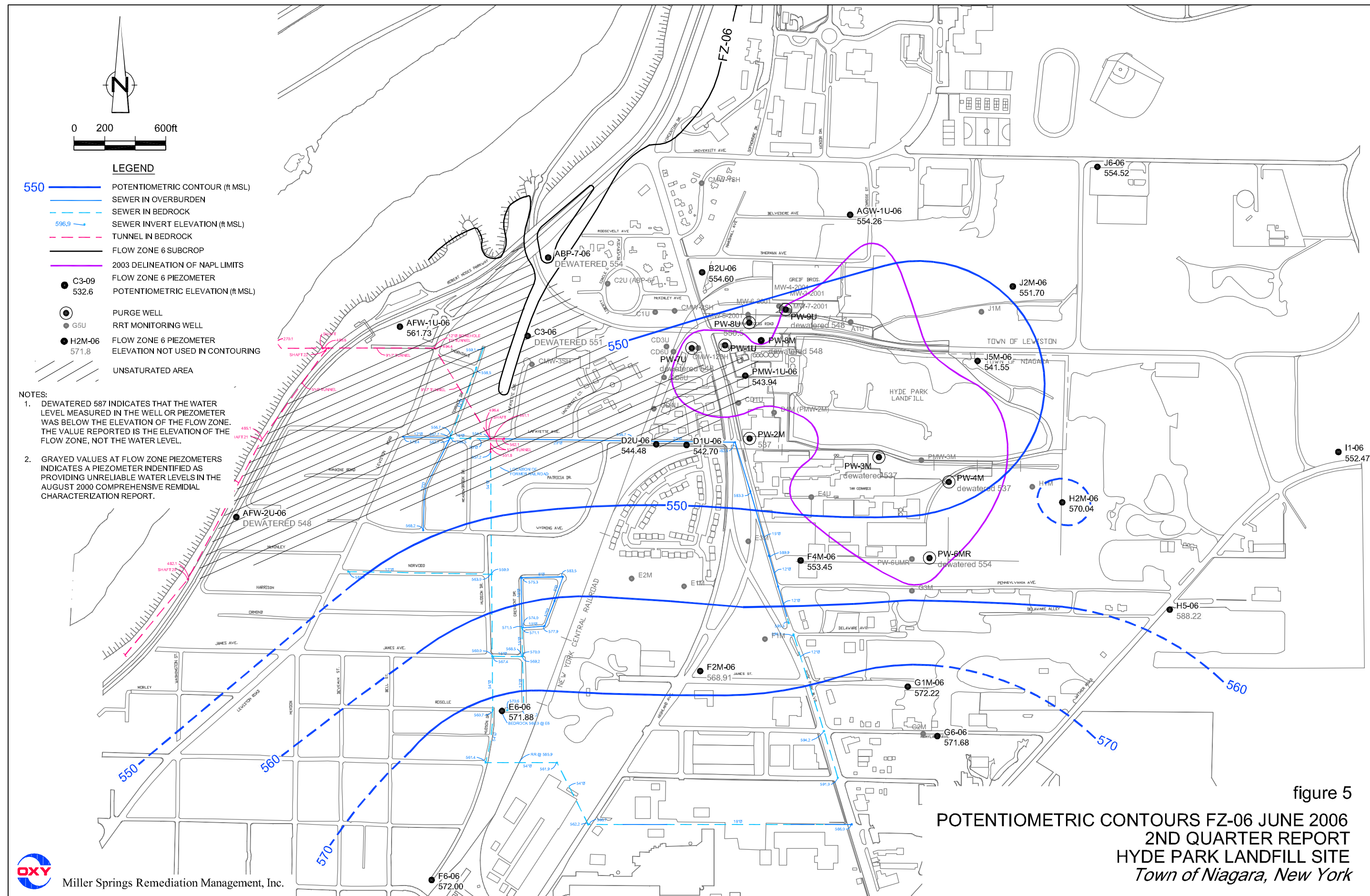
* - Include one copy on CD



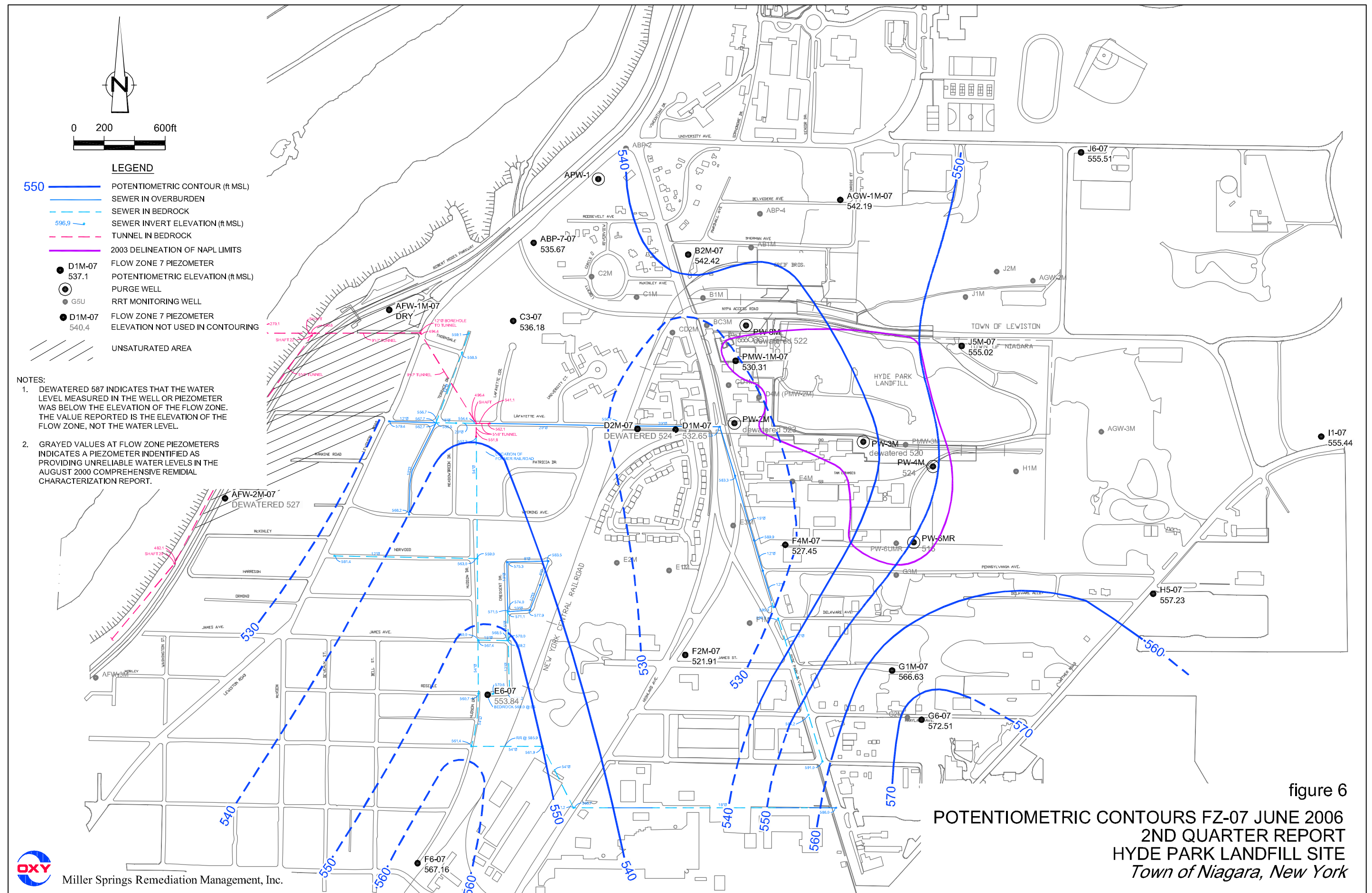




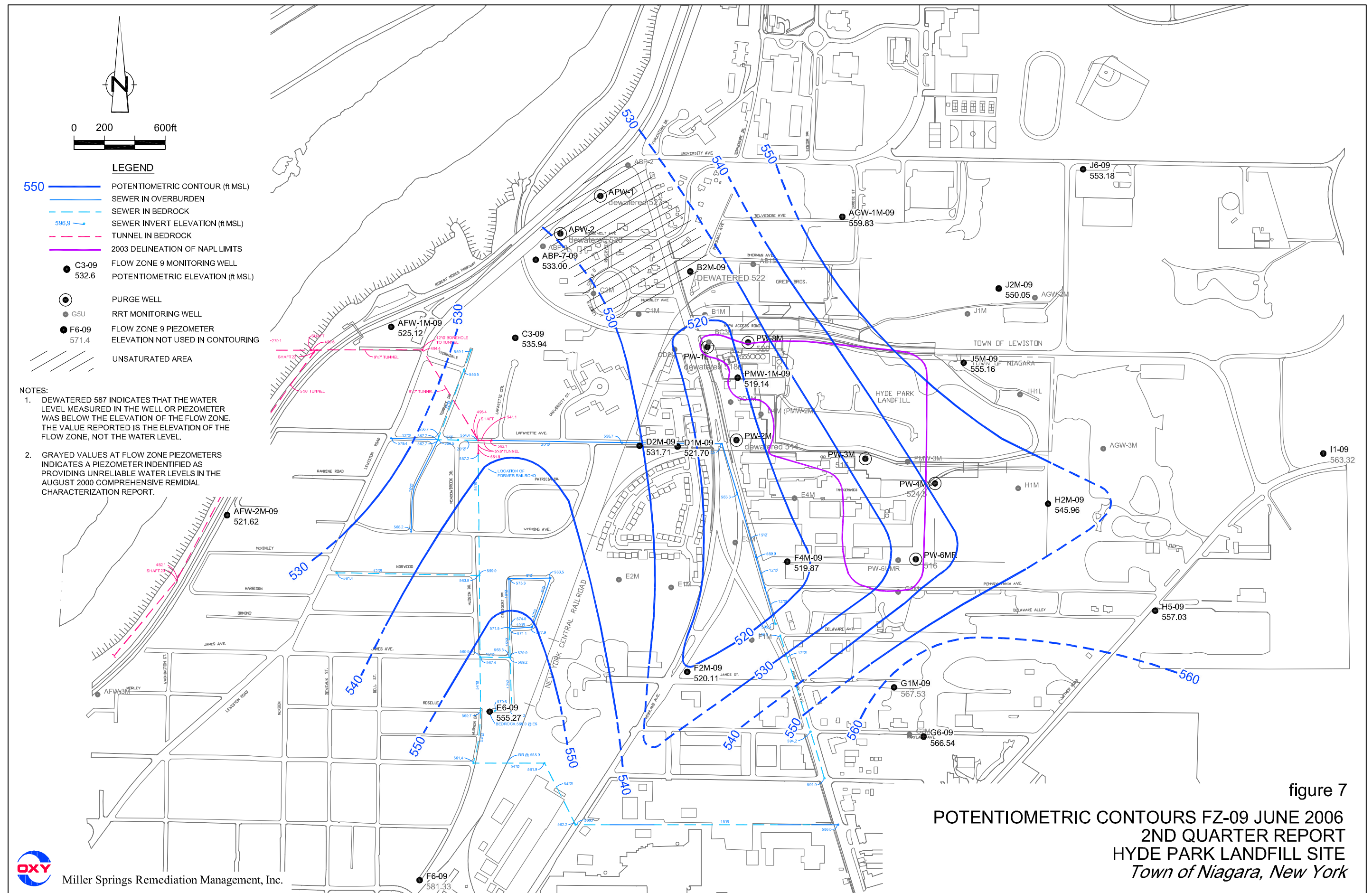
Miller Springs Remediation Management, Inc.



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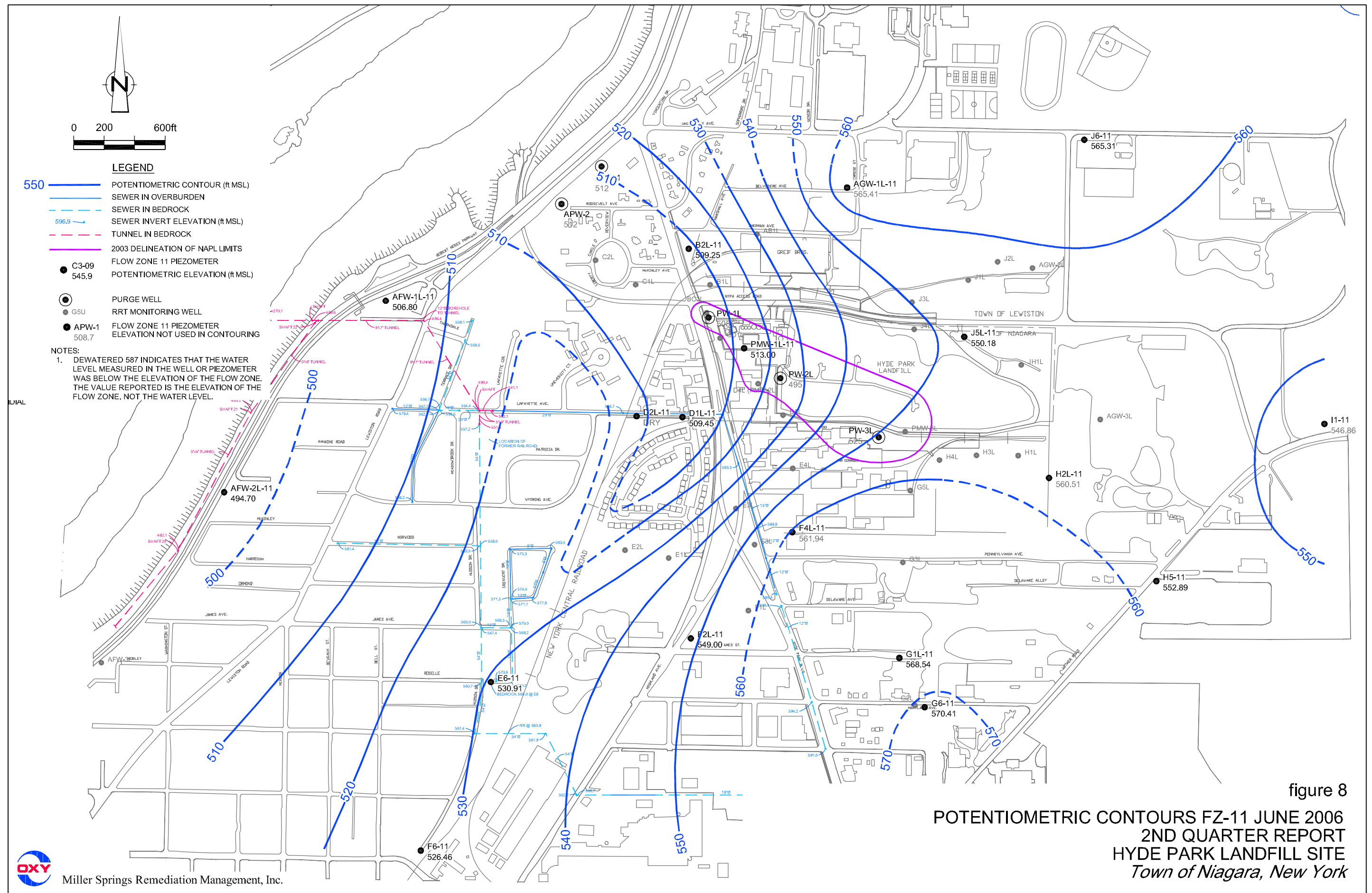
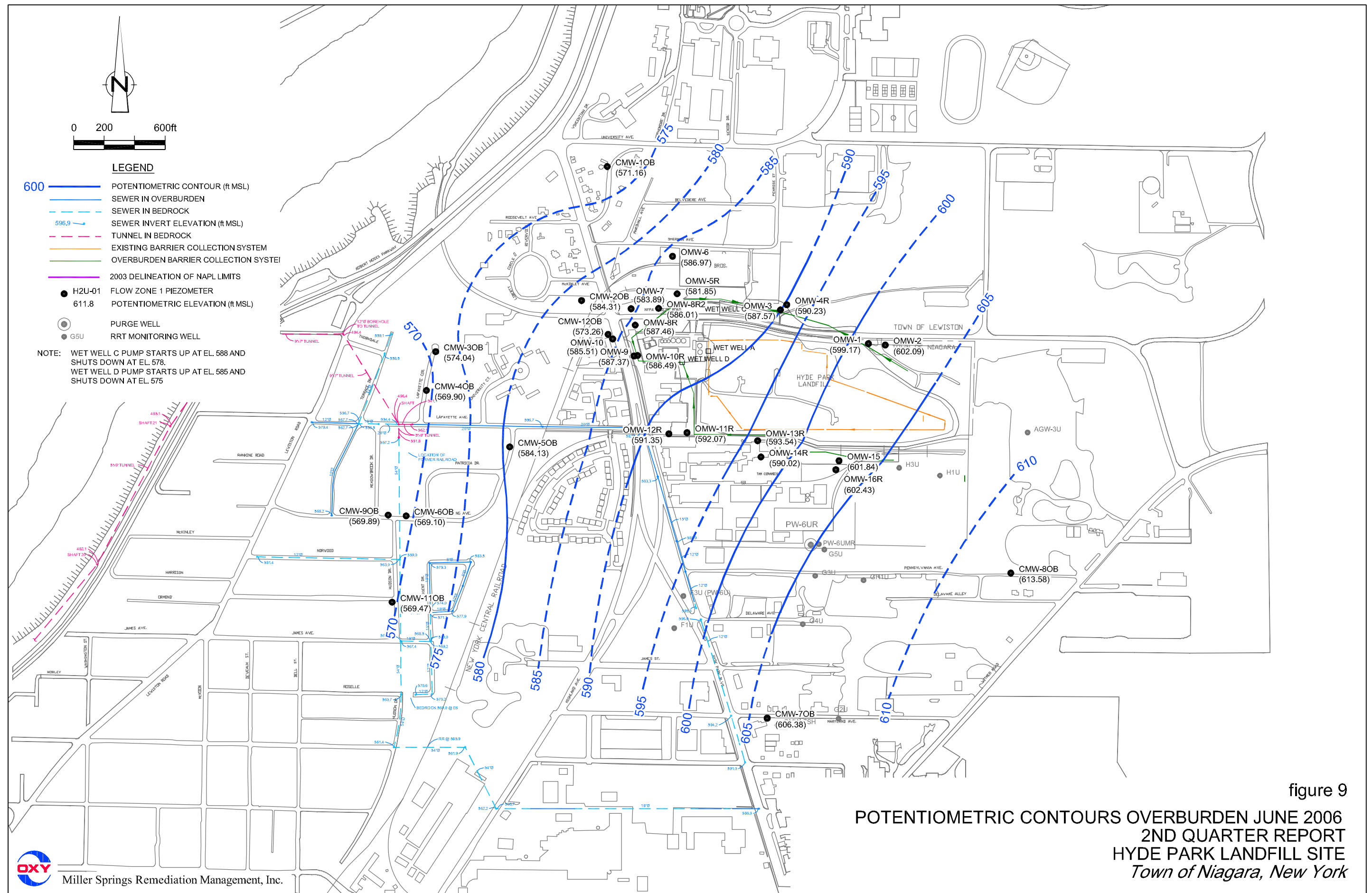


figure 8
 POTENTIOMETRIC CONTOURS FZ-11 JUNE 2006
 2ND QUARTER REPORT
 HYDE PARK LANDFILL SITE
 Town of Niagara, New York



Miller Springs Remediation Management, Inc.

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	5.74	584.31
CMW-3OB	582.79	8.75	574.04
CMW-4OB	574.85	4.95	569.90
CMW-5OB	584.13	-	584.13
CMW-6OB	572.55	3.45	569.10
CMW-7OB	611.38	5.00	606.38
CMW-8OB	616.78	3.20	613.58
CMW-9OB	572.41	2.52	569.89
CMW-10B	576.12	4.96	571.16
CMW-11OB	573.51	4.04	569.47
CMW-12OB	595.26	21.60	573.66
OMW-1	605.87	6.70	599.17
OMW-2	606.39	4.30	602.09
OMW-3	599.27	11.70	587.57
OMW-4R	601.83	11.60	590.23
OMW-5R	588.25	6.40	581.85
OMW-6	588.27	1.30	586.97
OMW-7	593.39	9.50	583.89
OMW-8R	598.16	10.70	587.46
OMW-8R2	595.31	9.30	586.01
OMW-9	595.97	8.60	587.37
OMW-10	595.51	10.00	585.51
OMW-10R	595.79	9.30	586.49
OMW-11R	598.07	6.00	592.07
OMW-12R	596.95	5.60	591.35
OMW-13R	602.04	8.50	593.54
OMW-14R	599.42	9.40	590.02
OMW-15	608.04	6.20	601.84
OMW-16R	608.23	5.80	602.43
SC-2	-	-	598.54
SC-3	-	-	598.20
SC-4	-	-	596.60
SC-5	-	-	605.76
SC-6	-	-	580.14
Shallow Bedrock			
CMW-1SH	576.68	12.70	563.98
CMW-2SH	589.73	21.20	568.53
CMW-3SH	582.74	29.58	553.16
CMW-4SH	574.97	8.70	566.27
CMW-5SH	584.13	8.18	575.95
CMW-6SH	572.68	10.54	562.14
CMW-7SH	611.16	12.90	598.26
CMW-8SH	617.01	10.68	606.33
CMW-9SH	572.59	13.02	559.57
CMW-11SH	573.86	8.49	565.37
CMW-12SH	597.65	28.95	568.70
Flow Zone 1			
G1U-01	617.08	17.70	599.38
G6-01	608.11	3.10	605.01
H2U-01	620.92	13.41	607.51
H5-01	617.61	15.00	602.61
I1-01	621.55	23.59	597.96
II-01	621.55	23.59	597.96

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	24.30	575.59
F4U-02	602.32	17.14	585.18
G1-02	616.86	25.93	590.93
G6-02	608.11	17.32	590.79
H2U-02	620.88	29.30	591.58
H5-02	617.47	25.30	592.17
I1-02	621.42	36.18	585.24
J2U-02	609.66	16.63	593.03
J5U-02	606.21	12.87	593.34
J6-02	609.23	17.16	592.07
Flow Zone 4			
AFW-2U-04	593.48	18.13	575.35
D1U-04	593.77	14.86	578.91
D2U-04	590.65	11.23	579.42
E6-04	578.23	13.38	564.85
F2U-04	599.76	22.27	577.49
F4U-04	602.19	17.55	584.64
F6-04	588.06	18.60	569.46
G1U-04	616.96	26.00	590.96
G6-04	608.11	18.10	590.01
H5-04	617.40	25.97	591.43
I1-04	621.31	40.71	580.60
J2U-04	609.42	22.57	586.85
J5U-04	606.05	23.53	582.52
J6-04	609.12	31.12	578.00
Flow Zone 5			
AFW-2U-05	593.33	17.97	575.36
AGW-1U-05	591.80	11.00	580.80
D1U-05	593.51	15.46	578.05
D2U-05	590.56	13.22	577.34
E6-05	578.04	12.28	565.76
F2U-05	599.64	21.83	577.81
F4U-05	602.06	18.37	583.69
F6-05	587.85	16.91	570.94
G6-05	608.11	18.45	589.66
H2M-05	621.59	29.41	592.18
H5-05	617.31	25.97	591.34
I1-05	621.21	64.83	556.38
J2U-05	609.30	35.32	573.98
J5U-05	605.87	31.14	574.73
J6-05	609.02	31.93	577.09
PMW-1U-05	598.00	23.13	574.87

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	10.10	561.73
AFW-2U-06	593.22	48.10	545.12
AGW-1U-06	591.66	37.40	554.26
B2U-06	589.29	34.69	554.60
C3-06	585.78	-	-
D1U-06	593.25	50.55	542.70
D2U-06	590.38	45.90	544.48
E6-06	577.99	6.11	571.88
F2M-06	599.06	30.15	568.91
F4M-06	602.05	48.60	553.45
F6-06	587.84	15.84	572.00
G1M-06	616.75	44.53	572.22
G6-06	608.11	36.43	571.68
H2M-06	621.42	51.38	570.04
H5-06	617.17	28.95	588.22
I1-06	621.08	68.61	552.47
J2M-06	608.94	57.24	551.70
J5M-06	606.22	64.67	541.55
J6-06	608.93	54.41	554.52
PMW-1U-06	597.92	53.98	543.94
Flow Zone 7			
ABP-1-07	#N/A	*	*
ABP-7-07	575.67	40.00	535.67
AFW-1M-07	571.41	-	-
AFW-2M-07	593.44	66.90	526.54
AGW-1M-07	592.91	50.72	542.19
B2M-07	589.52	47.10	542.42
C3-07	585.62	49.44	536.18
D1M-07	594.15	61.50	532.65
D2M-07	590.77	66.83	523.94
E6-07	577.91	24.07	553.84
F2M-07	598.91	77.00	521.91
F4M-07	601.91	74.46	527.45
F6-07	587.68	20.52	567.16
G1M-07	616.68	50.05	566.63
G6-07	608.11	35.60	572.51
H5-07	617.05	59.82	557.23
I1-07	620.97	65.53	555.44
J5M-07	606.07	51.05	555.02
J6-07	608.85	53.34	555.51
PMW-1M-07	598.50	68.19	530.31

AFW-2M-09	593.32	71.70	521.62
AGW-1M-09	592.75	32.92	559.83
B2M-09	589.34	69.00	520.34
C3-09	585.54	49.60	535.94
D1M-09	594.02	72.32	521.70
D2M-09	590.66	58.95	531.71
E6-09	577.82	22.55	555.27
F2M-09	598.71	78.60	520.11
F4M-09	601.79	81.92	519.87
F6-09	587.53	6.20	581.33
G1M-09	616.58	49.05	567.53
G6-09	608.11	41.57	566.54
H2M-09	621.32	75.36	545.96
H5-09	616.93	59.90	557.03
I1-09	620.86	57.54	563.32
J2M-09	608.77	58.72	550.05
J5M-09	605.82	50.66	555.16
J6-09	608.76	55.58	553.18
PMW-1M-09	598.34	79.20	519.14

Flow Zone 11

AFW-1L-11	572.10	65.30	506.80
AFW-2L-11	593.43	98.73	494.70
AGW-1L-11	592.71	27.30	565.41
B2L-11	589.65	80.40	509.25
D1L-11	593.80	84.35	509.45
D2L-11	590.21	-	-
E6-11	577.72	46.81	530.91
F2L-11	598.94	49.94	549.00
F4L-11	602.22	40.28	561.94
F6-11	587.40	60.94	526.46
G1L-11	616.84	48.30	568.54
G6-11	608.11	37.70	570.41
H2L-11	620.73	60.22	560.51
H5-11	616.81	63.92	552.89
I1-11	620.71	73.85	546.86
J5L-11	607.20	57.02	550.18
J6-11	608.68	43.37	565.31
PMW-1L-11	598.84	85.84	513.00

Notes

* Well damaged by car.

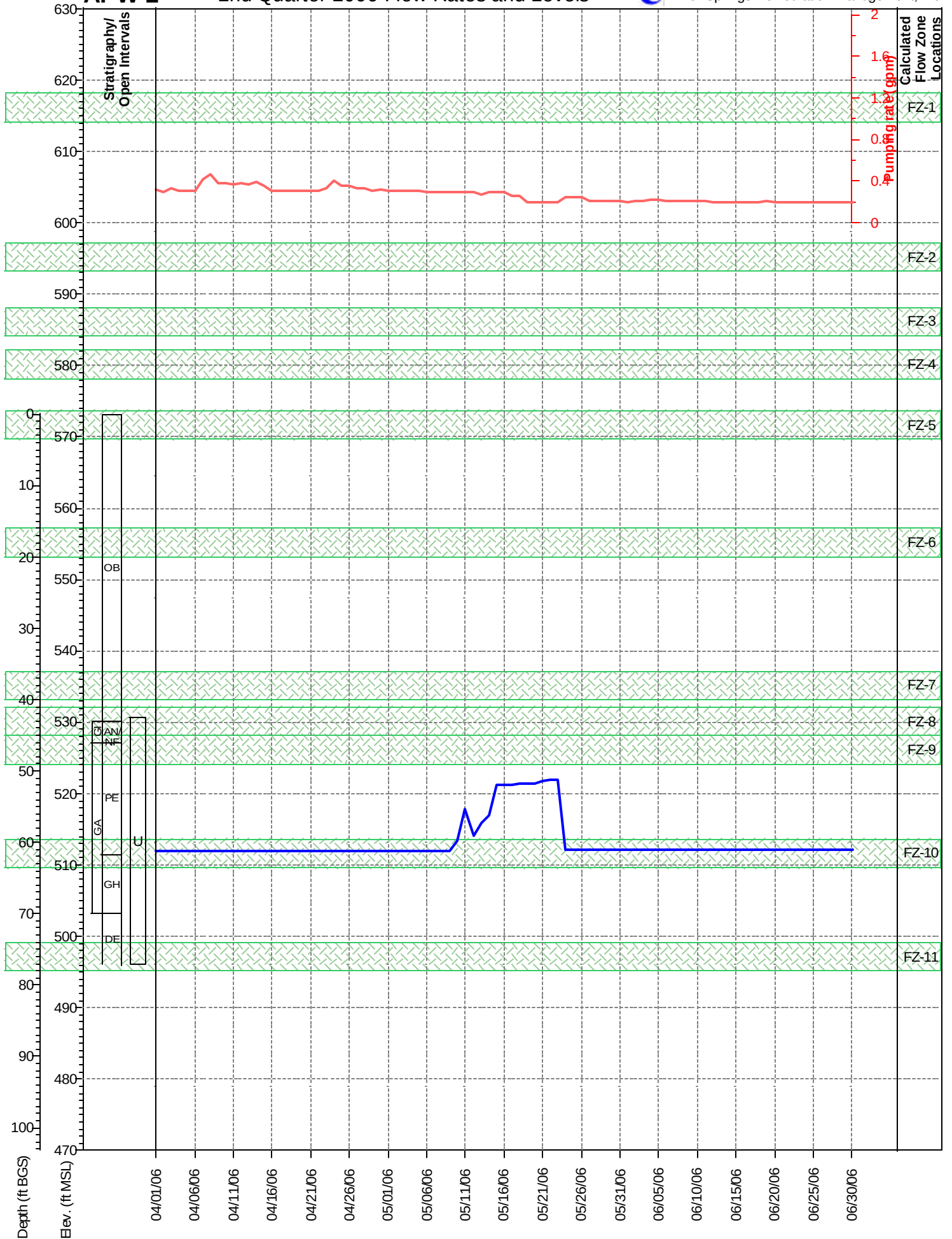
APW-1

2nd Quarter-2006 Flow Rates and Levels



Miller Springs Remediation Management, Inc.



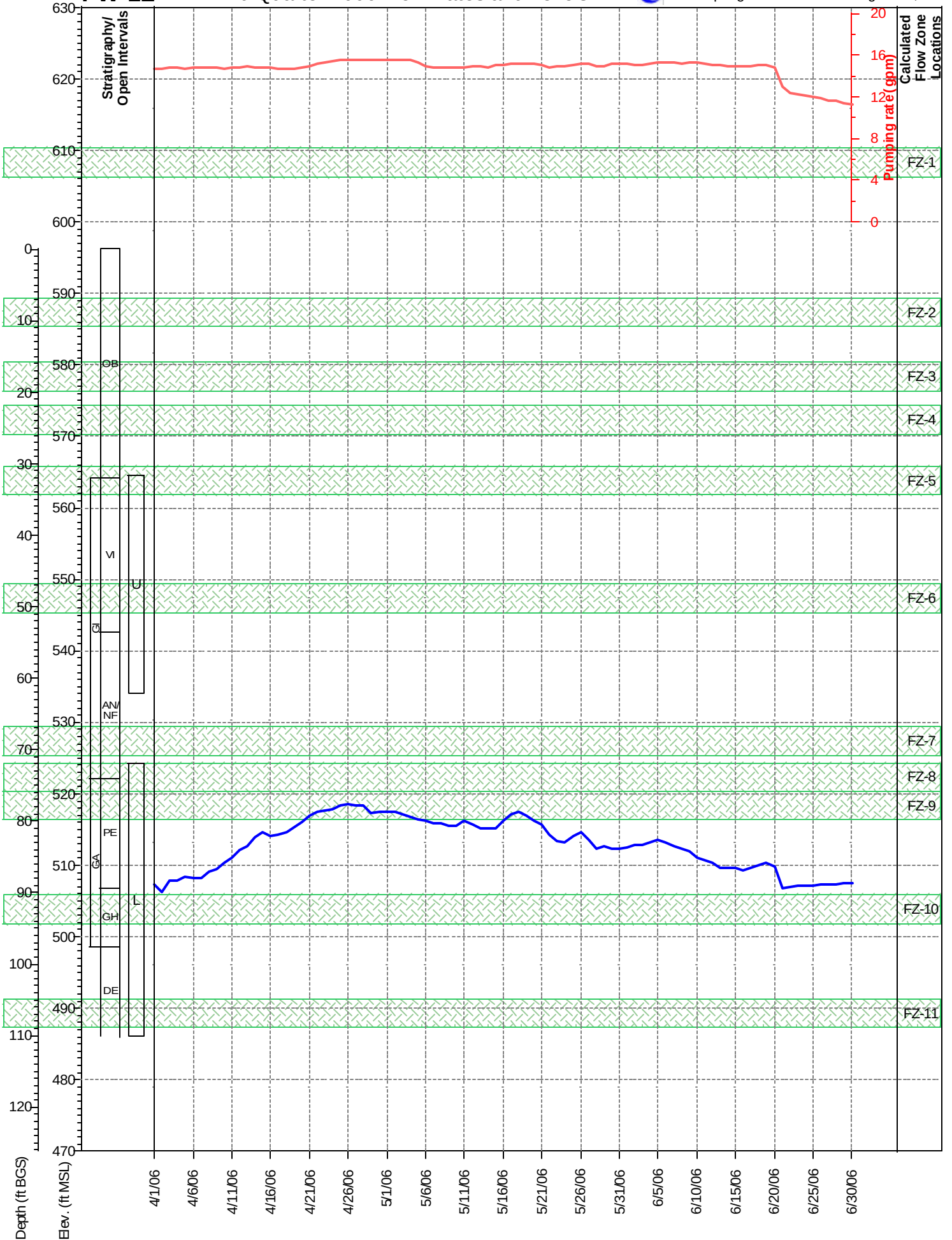


PW-1L

2nd Quarter-2006 Flow Rates and Levels



Miller Springs Remediation Management, Inc.

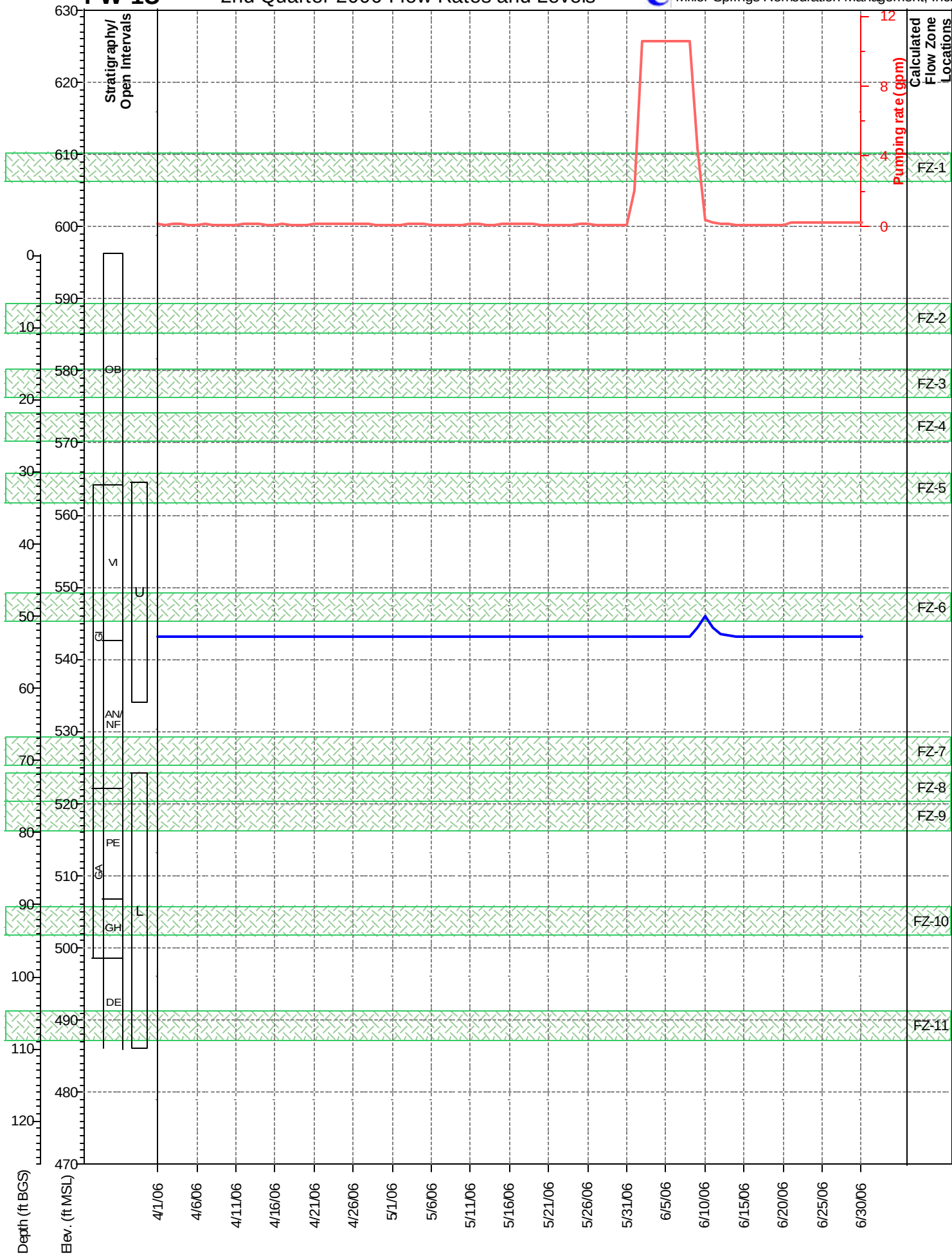


PW-1U

2nd Quarter-2006 Flow Rates and Levels



Miller Springs Remediation Management, Inc.

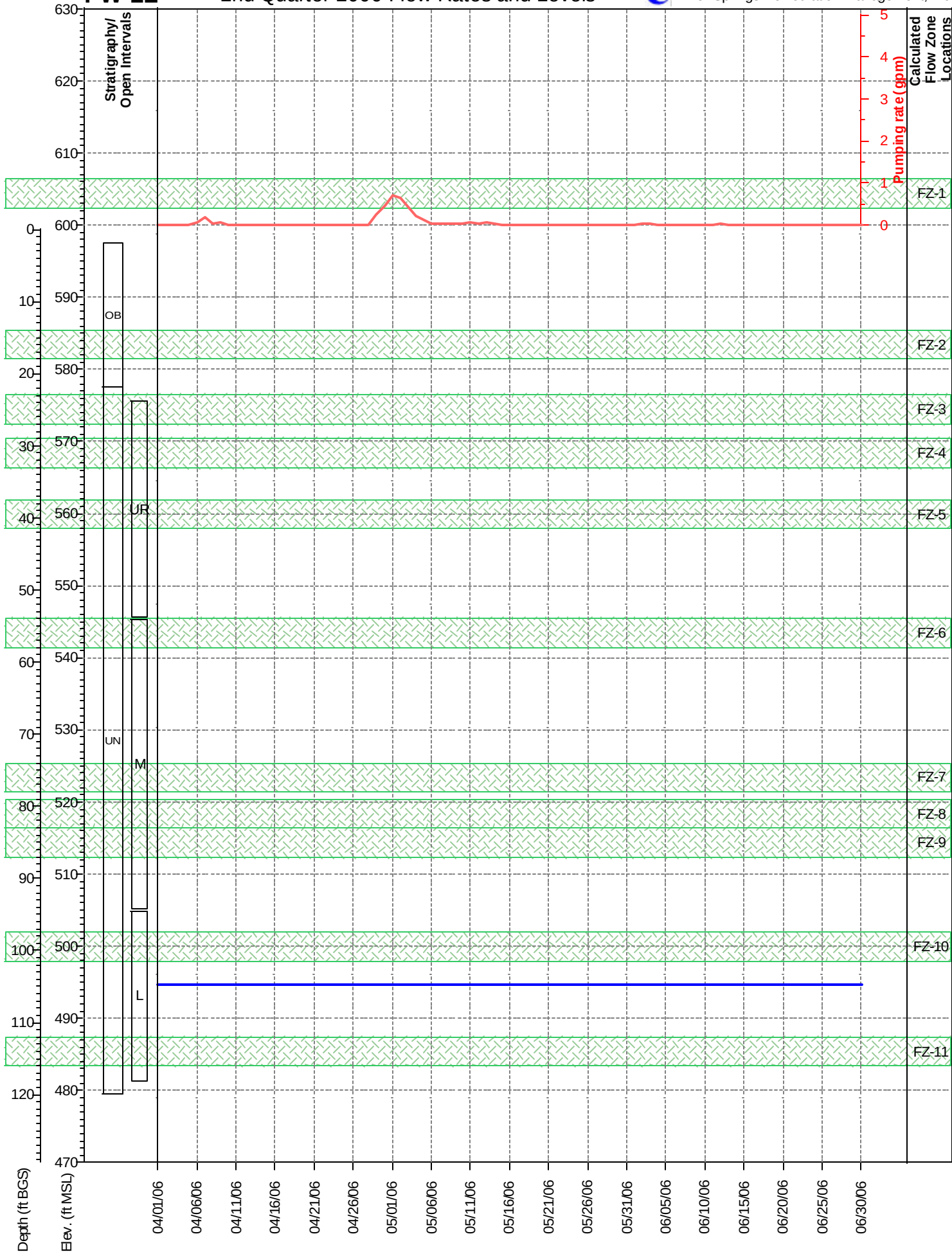


PW-2L

2nd Quarter-2006 Flow Rates and Levels



Miller Springs Remediation Management, Inc.

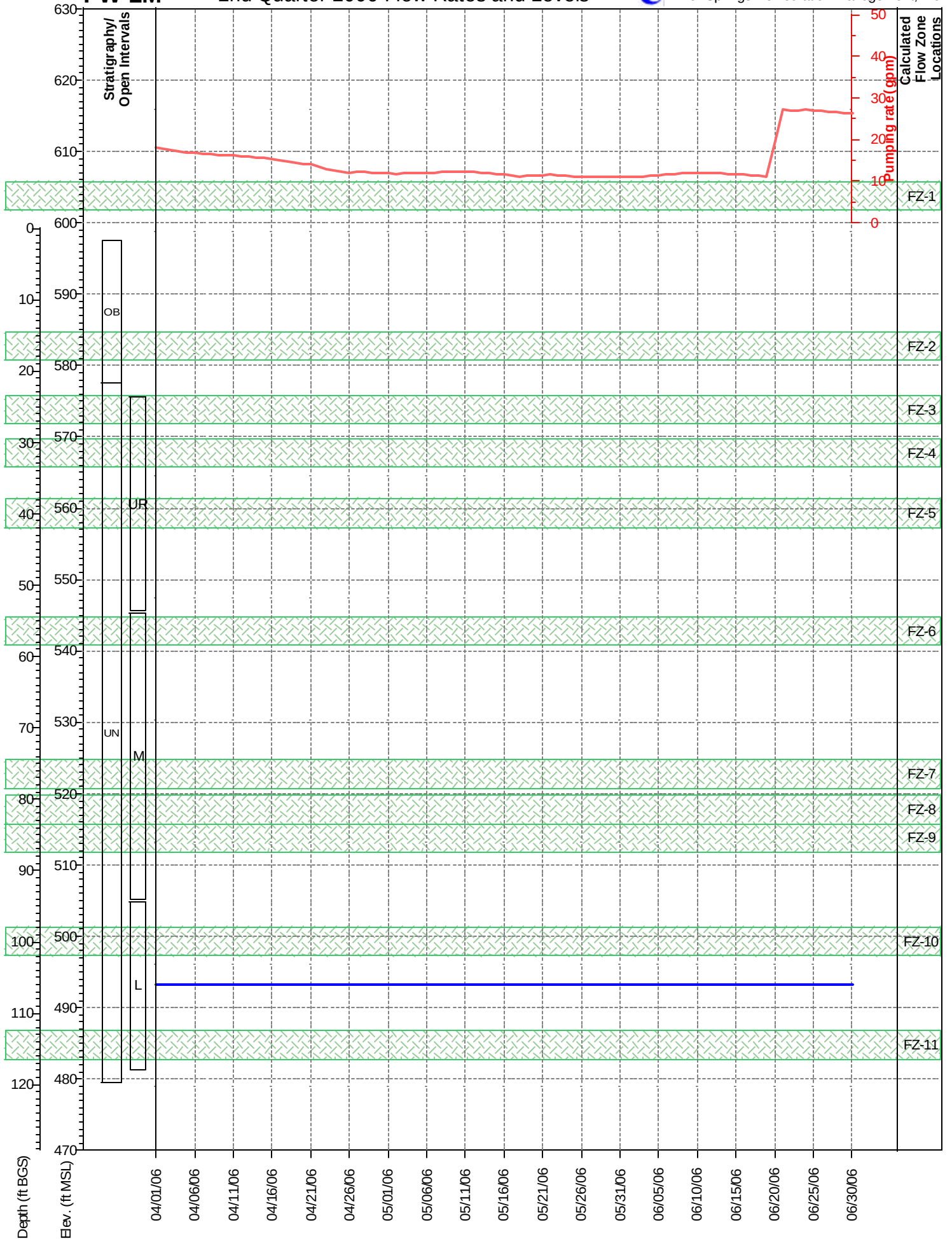


PW-2M

2nd Quarter-2006 Flow Rates and Levels



Miller Springs Remediation Management, Inc.



PW-2UR

2nd Quarter-2006 Flow Rates and Levels



Miller Springs Remediation Management, Inc.

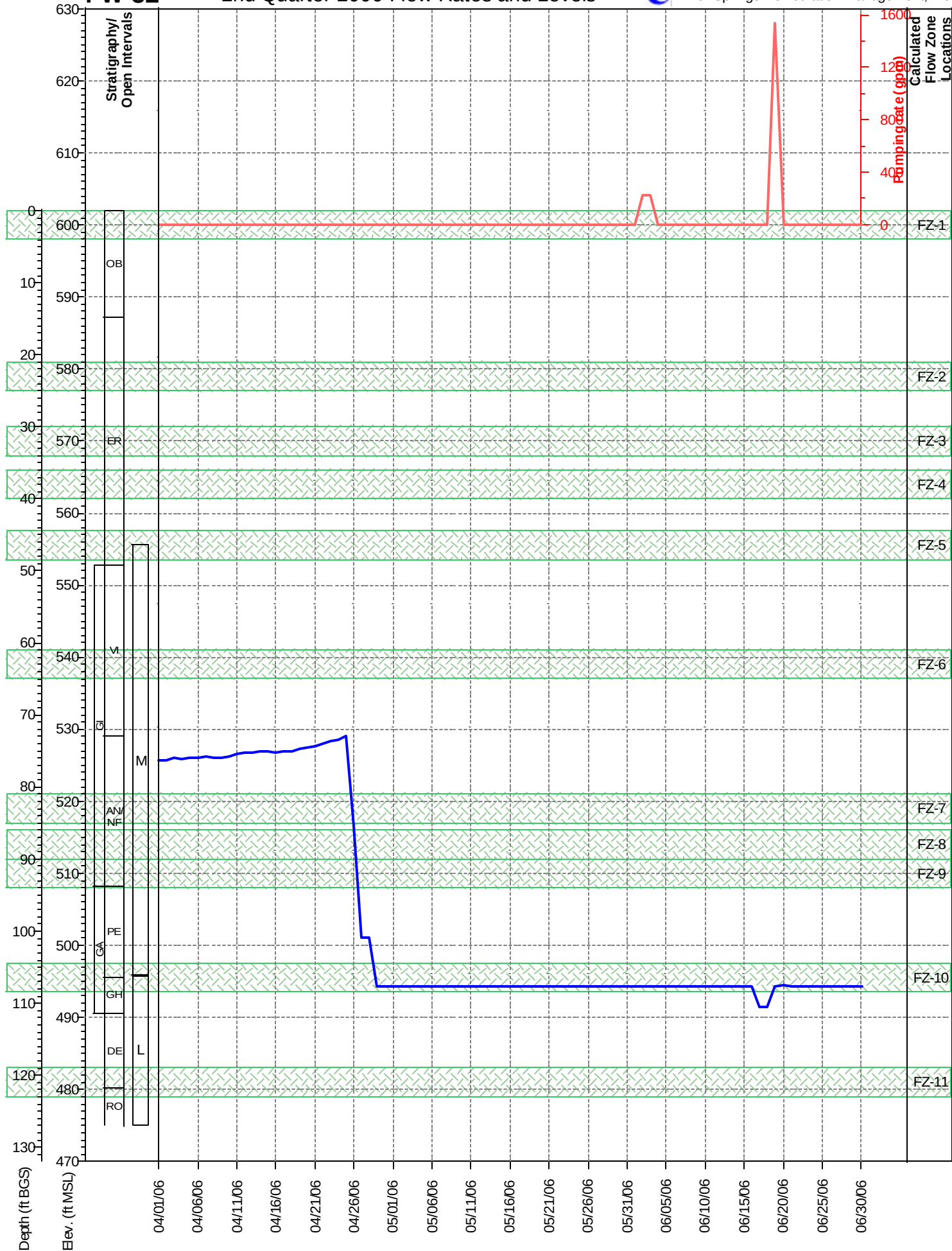


PW-3L

2nd Quarter-2006 Flow Rates and Levels



Miller Springs Remediation Management, Inc.

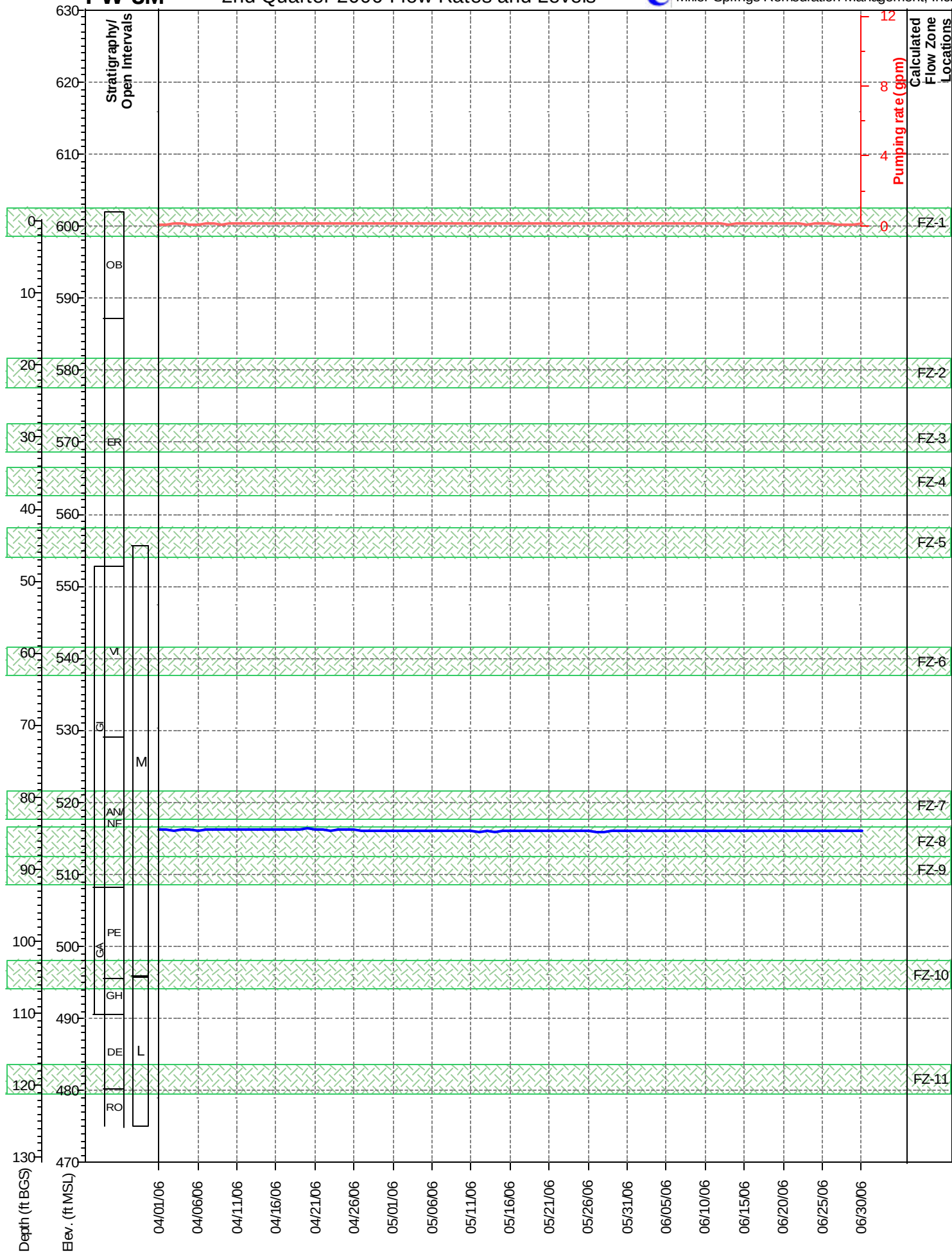


PW-3M

2nd Quarter-2006 Flow Rates and Levels



Miller Springs Remediation Management, Inc.

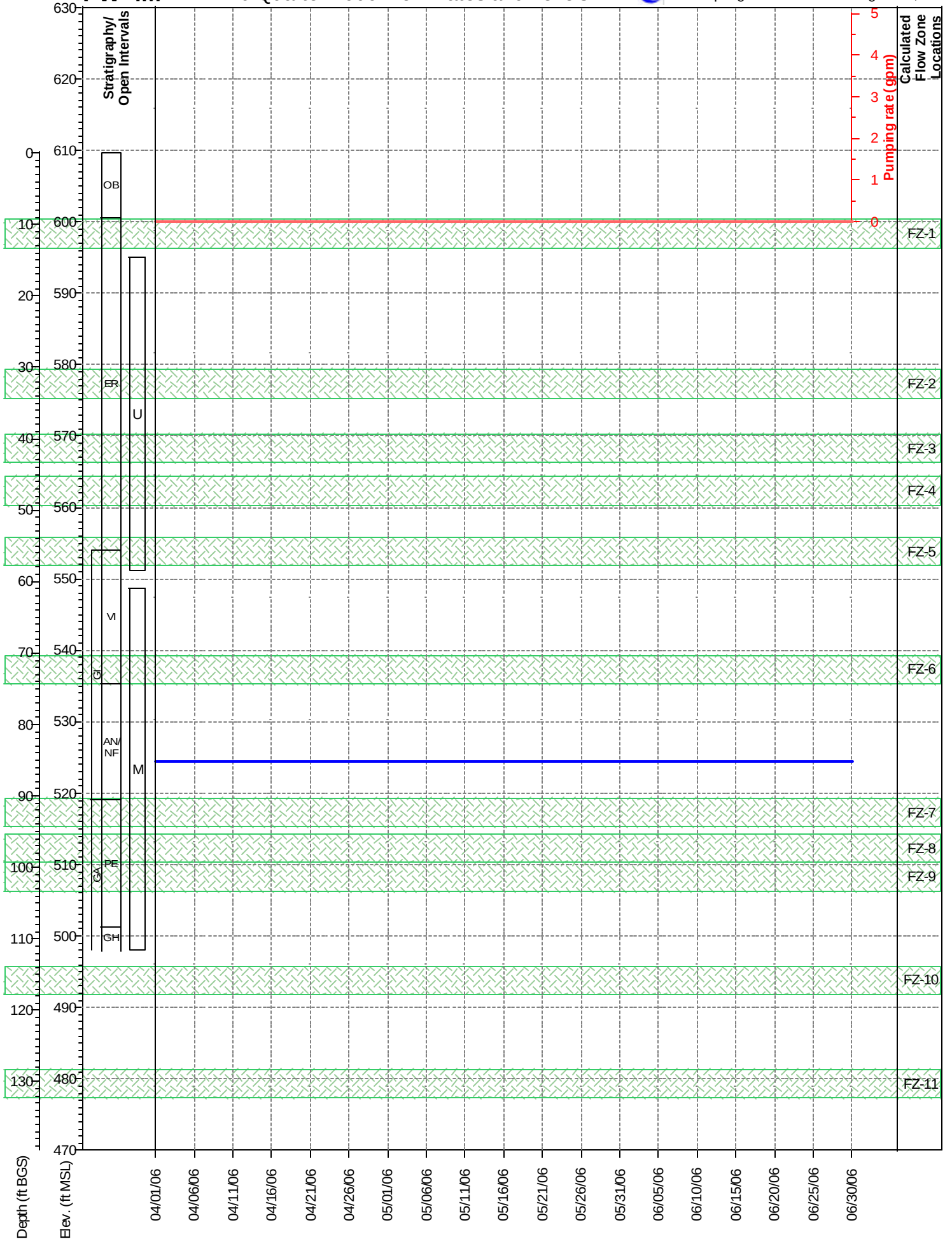


PW-4M

2nd Quarter-2006 Flow Rates and Levels



Miller Springs Remediation Management, Inc.

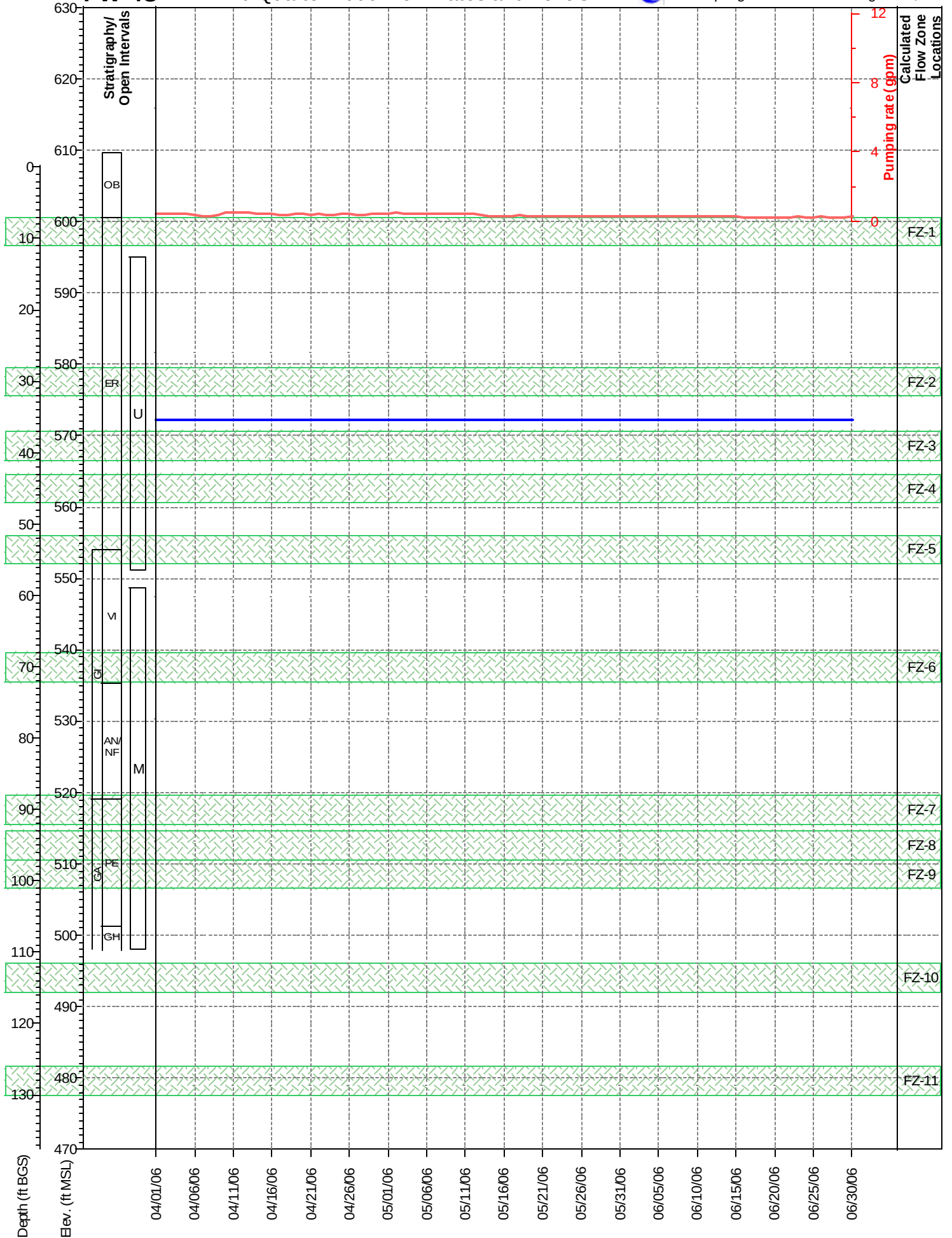


PW-4U

2nd Quarter-2006 Flow Rates and Levels



Miller Springs Remediation Management, Inc.



PW-5UR

2nd Quarter-2006 Flow Rates and Levels



Miller Springs Remediation Management, Inc.

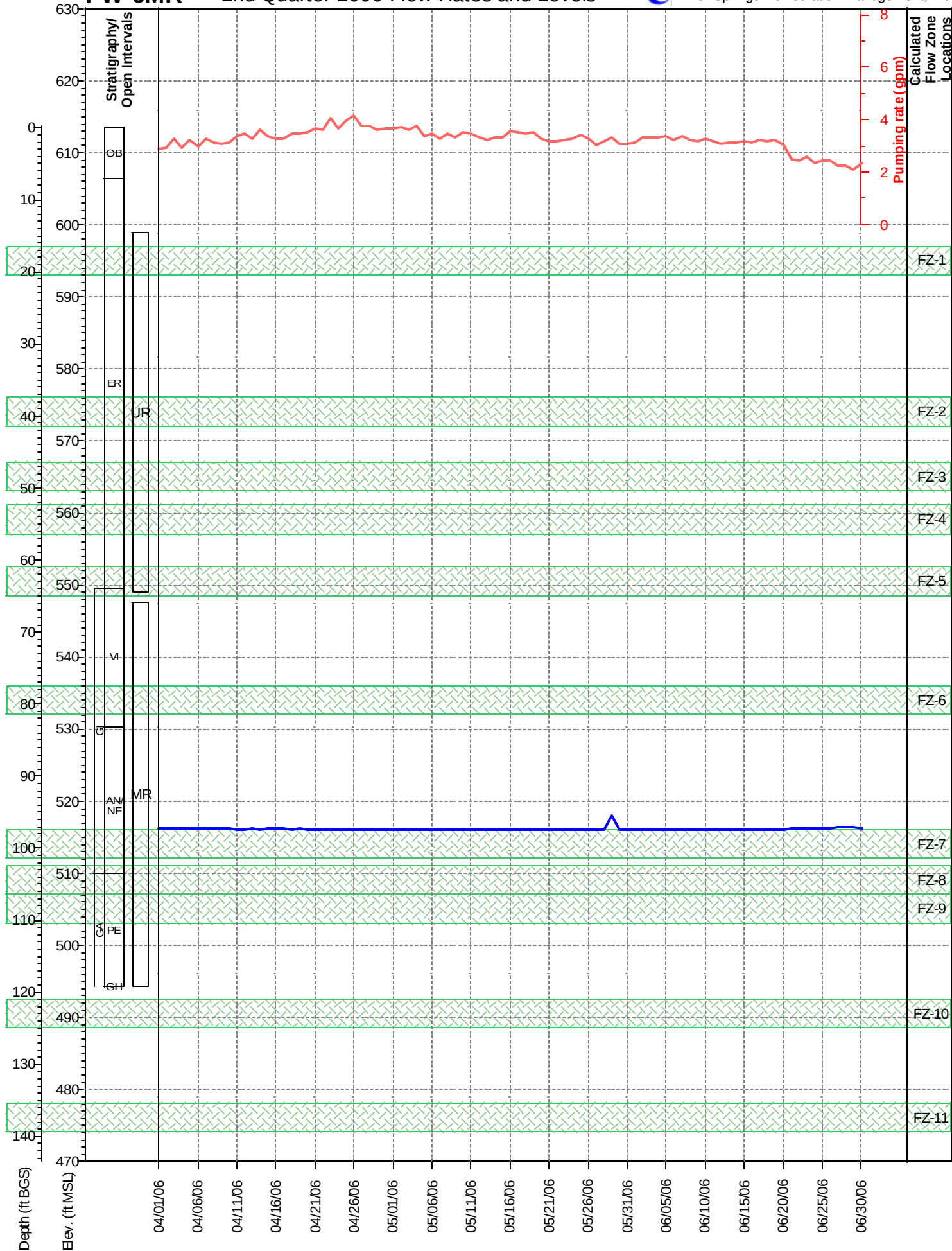


PW-6MR

2nd Quarter-2006 Flow Rates and Levels



Miller Springs Remediation Management, Inc.

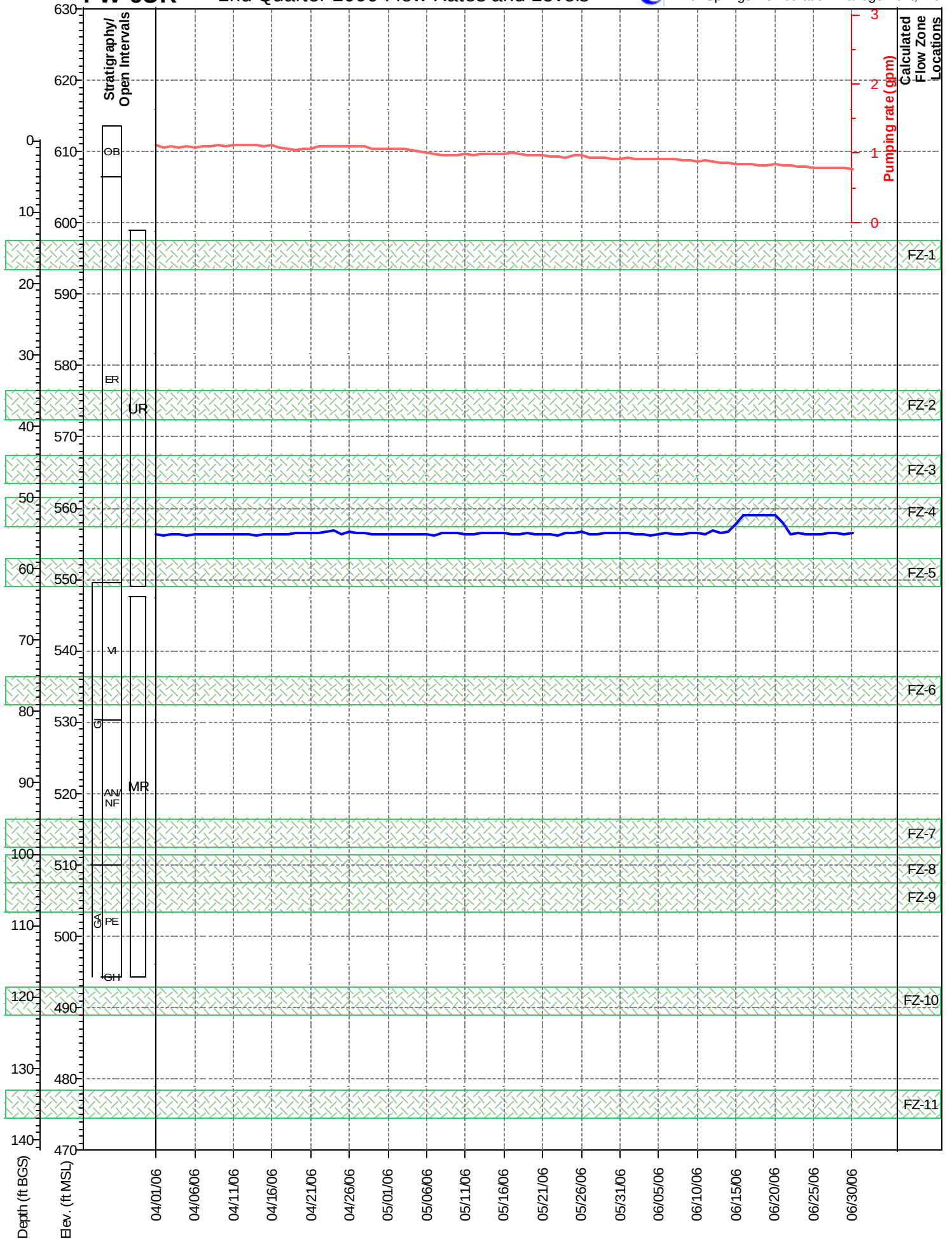


PW-6UR

2nd Quarter-2006 Flow Rates and Levels



Miller Springs Remediation Management, Inc.

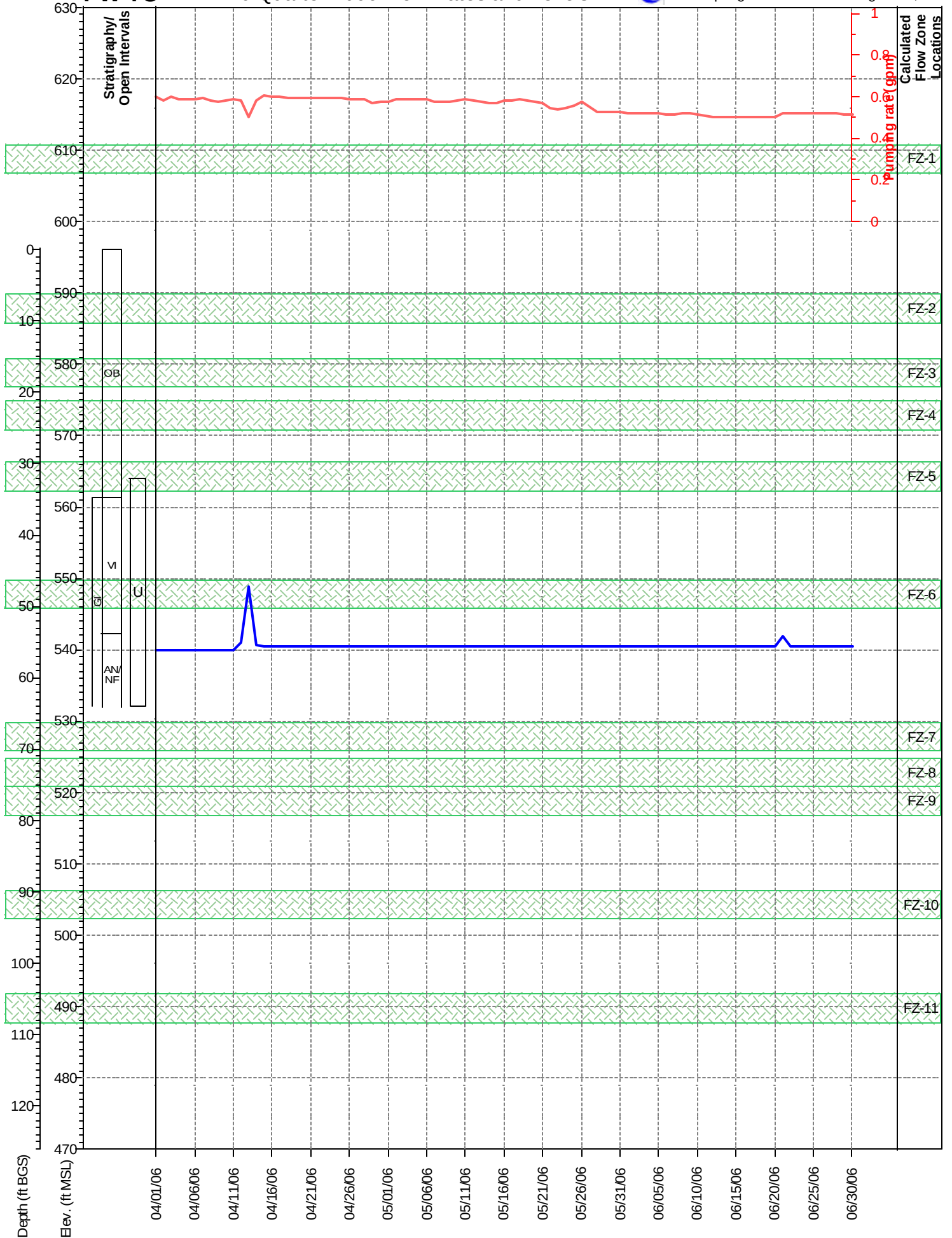


PW-7U

2nd Quarter-2006 Flow Rates and Levels



Miller Springs Remediation Management, Inc.

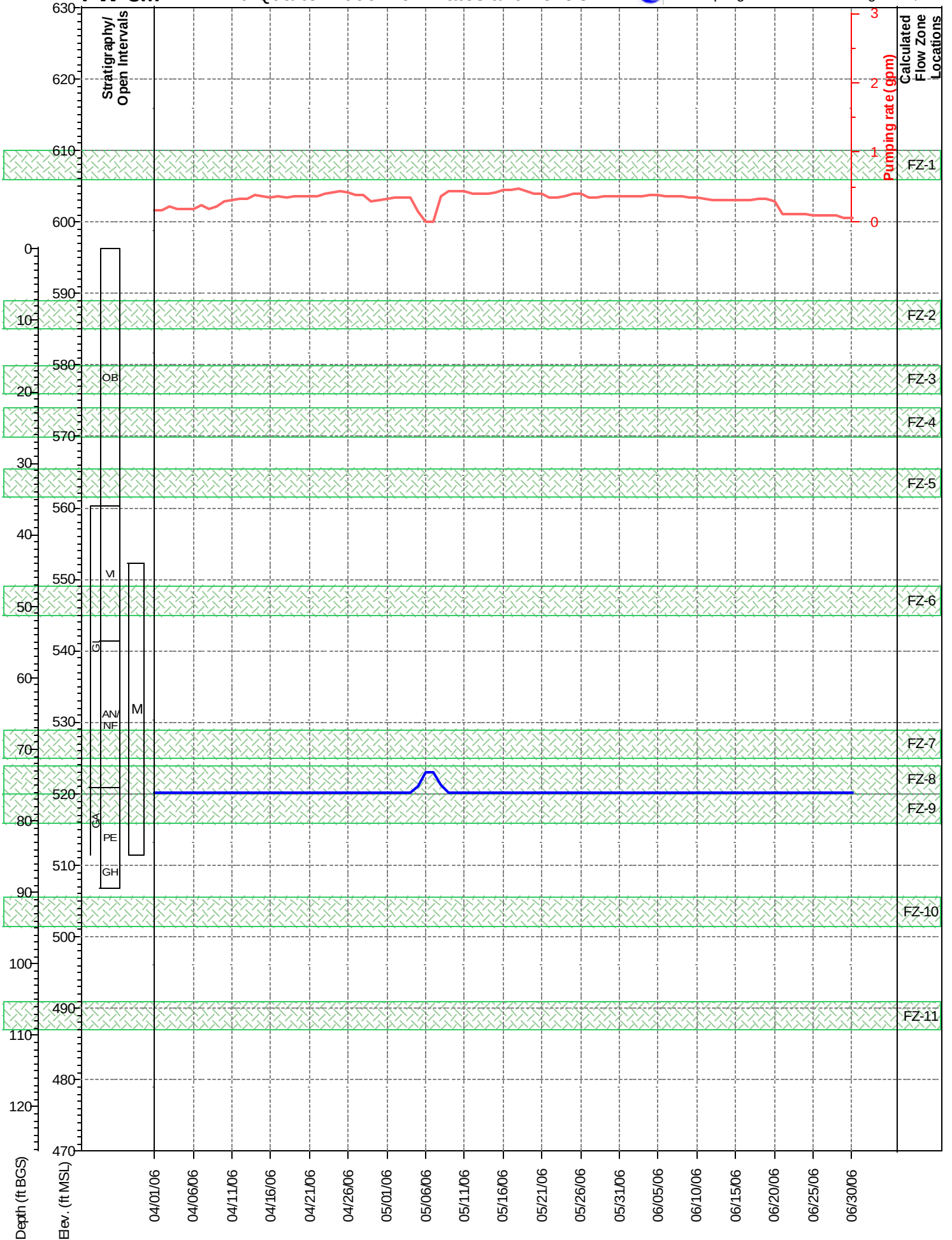


PW-8M

2nd Quarter-2006 Flow Rates and Levels



Miller Springs Remediation Management, Inc.

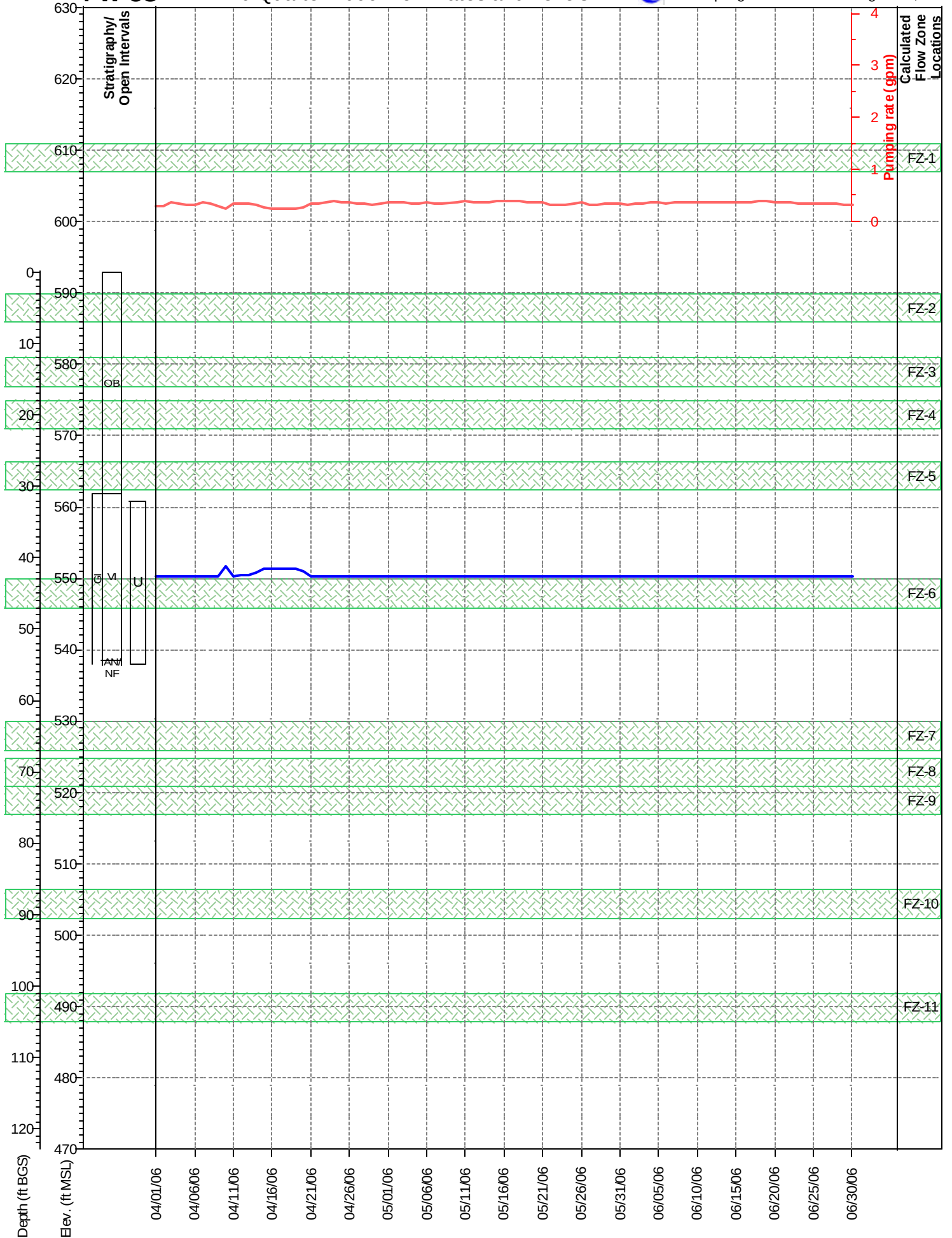


PW-8U

2nd Quarter-2006 Flow Rates and Levels



Miller Springs Remediation Management, Inc.

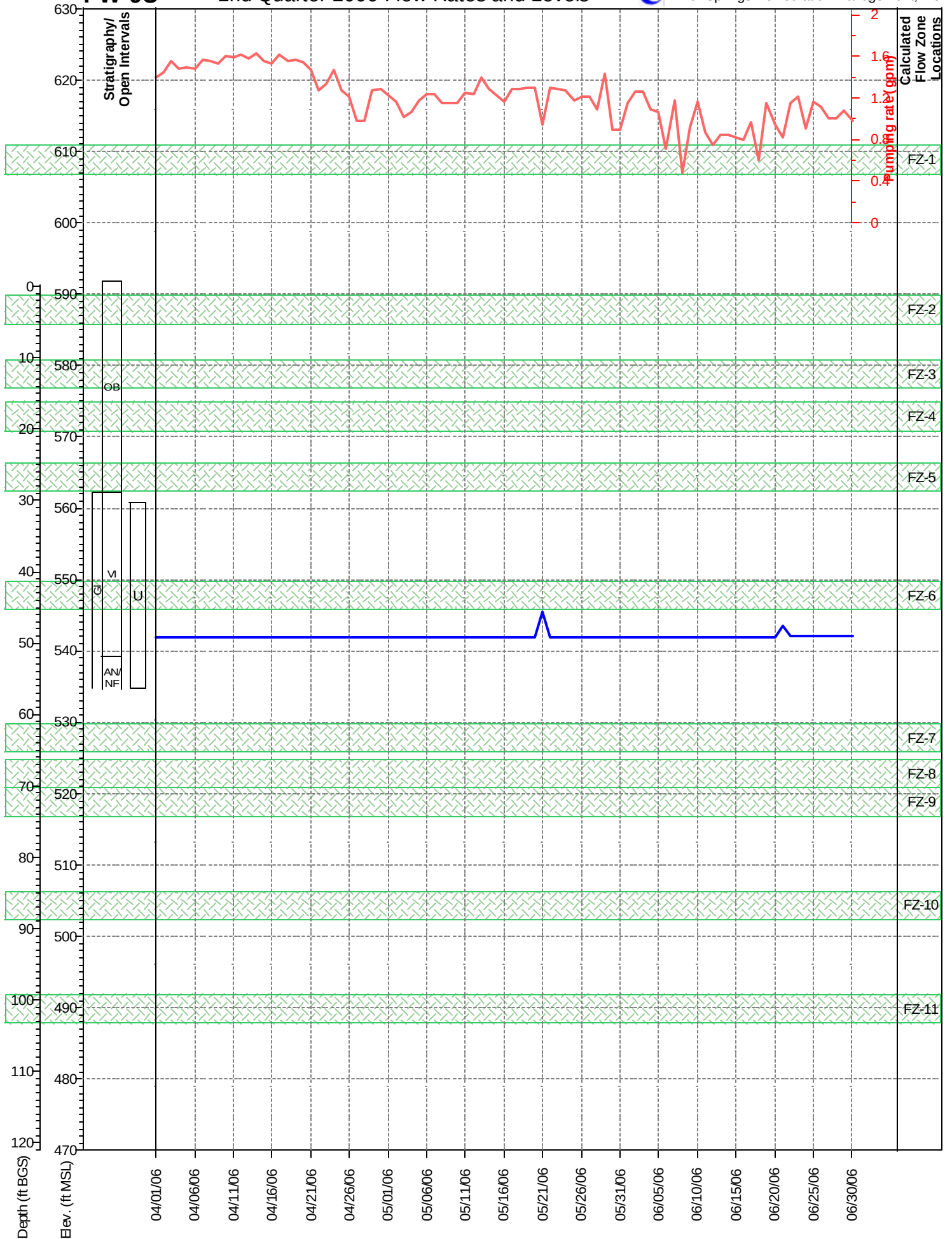


PW-9U

2nd Quarter-2006 Flow Rates and Levels



Miller Springs Remediation Management, Inc.

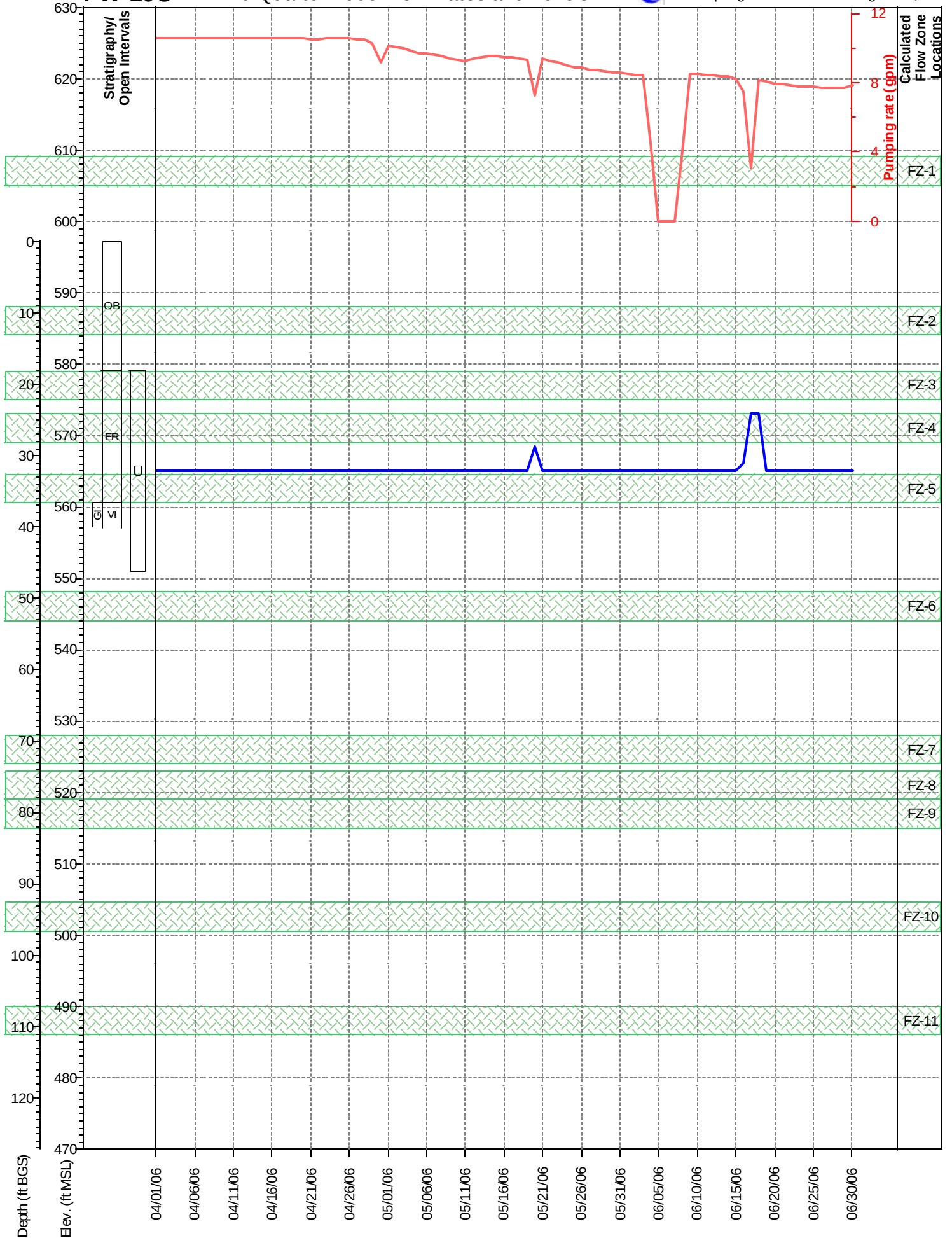


PW-10U

2nd Quarter-2006 Flow Rates and Levels



Miller Springs Remediation Management, Inc.



ATTACHMENT 2
LEACHATE TREATMENT SYSTEM DAILY EFFLUENT MONITORING DATA
SECOND QUARTER - 2006
HYDE PARK RRT PROGRAM

Date	Effluent			Comments
	Phenol (mg/L)	pH (su)	Flow (gal)	
04/01/06	-	-	-	
04/02/06	-	-	-	
04/03/06	0.010 U	6.3	165,000	
04/04/06	0.014	6.5	165,000	
04/05/06	0.010 U	6.69	156,000	
04/06/06	0.010 U	6.69	147,000	
04/07/06	0.010 U	6.50	120,000	
04/08/06	-	-	-	
04/09/06	-	-	-	
04/10/06	0.010 U	6.5	166,000	
04/11/06	0.012 U	6.78	179,000	
04/12/06	0.010 U	6.81	182,000	
04/13/06	0.022 U	6.89	184,000	
04/14/06	0.048	6.50	146,000	
04/15/06	-	-	-	
04/16/06	-	-	-	
04/17/06	0.010 UJ	6.91	191,000	
04/18/06	0.010 UJ	6.99	180,000	
04/19/06	0.010 UJ	6.91	162,000	
04/20/06	0.010 J	6.88	106,000	
04/21/06	0.033 J	6.88	97,000	
04/22/06	-	-	-	
04/23/06	-	-	-	
04/24/06	0.17 J	6.82	180,000	
04/25/06	0.0092 J	6.91	178,000	
04/26/06	0.20 J	6.98	174,000	
04/27/06	0.018 J	6.95	151,000	
04/28/06	0.010 J	6.95	106,000	
04/29/06	-	-	-	
04/30/06	-	-	-	

ATTACHMENT 2
LEACHATE TREATMENT SYSTEM DAILY EFFLUENT MONITORING DATA
SECOND QUARTER - 2006
HYDE PARK RRT PROGRAM

Date	Effluent			Comments
	Phenol (mg/L)	pH (su)	Flow (gal)	
05/01/06	0.011	6.92	180,000	
05/02/06	0.051	6.89	177,000	
05/03/06	0.014	6.89	144,000	
05/04/06	0.014	7	110,000	
05/05/06	0.019	7.01	102,000	
05/06/06	-	-	-	
05/07/06	-	-	-	
05/08/06	0.0060 J	7.02	164,000	
05/09/06	0.0070 J	6.99	176,000	
05/10/06	0.016 J	6.97	128,000	
05/11/06	0.028 J	6.95	97,000	
05/12/06	0.017 J	6.89	115,000	
05/13/06	-	-	-	
05/14/06	-	-	-	
05/15/06	0.010 J	6.89	91,000	
05/16/06	0.12 J	6.79	229,000	
05/17/06	0.0060 J	6.90	182,000	
05/18/06	0.024 J	6.88	97,000	
05/19/06	0.029 J	6.25	106,000	
05/20/06	-	-	-	
05/21/06	-	-	-	
05/22/06	0.048 J	7.01	177,000	
05/23/06	0.19 J	6.98	159,000	
05/24/06	0.18 J	6.82	122,000	
05/25/06	0.055 J	6.77	96,000	
05/26/06	R	6.88	90,000	
05/27/06	-	-	-	
05/28/06	-	-	-	
05/29/06	-	-	-	
05/30/06	0.0070 J	6.75	159,000	
05/31/06	0.014	6.79	162,000	

ATTACHMENT 2
LEACHATE TREATMENT SYSTEM DAILY EFFLUENT MONITORING DATA
SECOND QUARTER - 2006
HYDE PARK RRT PROGRAM

Date	Effluent			Comments
	Phenol (mg/L)	pH (su)	Flow (gal)	
06/01/06	0.026 J	6.91	167,000	
06/02/06	0.039 J	6.72	87,000	
06/03/06	-	-	-	
06/04/06	-	-	-	
06/05/06	0.0090 J	6.70	146,000	
06/06/06	0.0070 J	6.68	171,000	
06/07/06	0.010 UJ	7.00	138,000	
06/08/06	0.011 J	6.88	87,000	
06/09/06	0.010 J	7.00	92,000	
06/10/06	-	-	-	
06/11/06	-	-	-	
06/12/06	0.010 U	6.90	165,000	
06/13/06	0.011 U	7.00	155,000	
06/14/06	0.017 U	6.92	109,000	
06/15/06	0.016 U	6.91	88,000	
06/16/06	0.013 U	6.91	78,000	
06/17/06	-	-	-	
06/18/06	-	-	-	
06/19/06	0.0066 J	6.94	168,000	
06/20/06	0.0084 J	7.00	147,000	
06/21/06	0.0088 J	7.00	109,000	
06/22/06	0.010 U	7.12	97,000	
06/23/06	0.011	7.19	93,000	
06/24/06	-	-	-	
06/25/06	-	-	-	
06/26/06	0.010 J	7.10	170,000	
06/27/06	0.010 UJ	7.13	179,000	
06/28/06	0.010 UJ	7.09	127,000	
06/29/06	0.0070 J	7.20	96,000	
06/30/06	0.012 J	7.10	102,000	

Notes:

(1) TOC treatment level = 1000 mg/L.

(2) Phenol treatment level = 1 mg/L.

J Associated value is estimated.

NA Not available.

TOC Total Organic Carbon.

U Not detected at associated value.

ATTACHMENT 2
ANALYTICAL RESULTS SUMMARY
WEEKLY SAMPLING - LEACHATE TREATMENT SYSTEM
SECOND QUARTER - 2006
HYDE PARK RRT PROGRAM

Effluent

Parameter	Units	Treatment		04/07/06	04/14/06	04/21/06	04/28/06	05/05/06	05/12/06	05/19/06	05/27/06
		Level									
Volatiles											
1,2,3-Trichlorobenzene	ug/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	ug/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
1,3,5-Trichlorobenzene	ug/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	ug/L	10		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
3-Chlorotoluene	ug/L	10		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Chlorotoluene	ug/L	10		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	10		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m-Monochlorobenzotrifluoride	ug/L	10		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
o-Monochlorobenzotrifluoride	ug/L	10		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
p-Monochlorobenzotrifluoride	ug/L	10		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	10		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	ug/L	10		0.29 J	1.0 U	22	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Parameter	Units	Treatment		05/31/06	06/02/06	06/09/06	06/12/06	06/23/06	06/30/06
		Level							
1,2,3-Trichlorobenzene	ug/L	-		1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	-		1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trichlorobenzene	ug/L	-		1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
2-Chlorotoluene	ug/L	10		1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
3-Chlorotoluene	ug/L	10		1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
4-Chlorotoluene	ug/L	10		1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	10		1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
m-Monochlorobenzotrifluoride	ug/L	10		1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
o-Monochlorobenzotrifluoride	ug/L	10		1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
p-Monochlorobenzotrifluoride	ug/L	10		1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	10		1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	10		1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U

Notes:

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

ATTACHMENT 2
ANALYTICAL RESULTS SUMMARY
QUARTERLY SAMPLING - LEACHATE TREATMENT SYSTEM
SECOND QUARTER - 2006
HYDE PARK RRT PROGRAM

Effluent

<u>Parameter</u>	<u>Units</u>	<u>Treatment Level</u>	<u>April 2006</u>
Phosphorus	mg/L	-	0.18

Notes:

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