



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

August 23, 2006

AUG 28 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 – 1st Quarter 2006

Dear Ms. Sosa and Mr. Welling:

Due to a clerical error, Attachment 2 of the 1st Quarter Report was sent out with data missing. Please find attached a new hard copy of Attachment 2 and a CD with an electronic copy of the entire report as Adobe Acrobat pdf files.

Please destroy your original Attachment 2 and CD.

If you have any questions, please feel free to contact me at 859-543-2174 or by email at don_mcleod@oxy.com.

I apologize for any inconvenience.

Sincerely,

Donald W. McLeod, P.E.
Project Manager

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 1 copy on CD



August 14, 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 – 1st 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 January 1, 2006 to March 31, 2006. A total of 15.8 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,

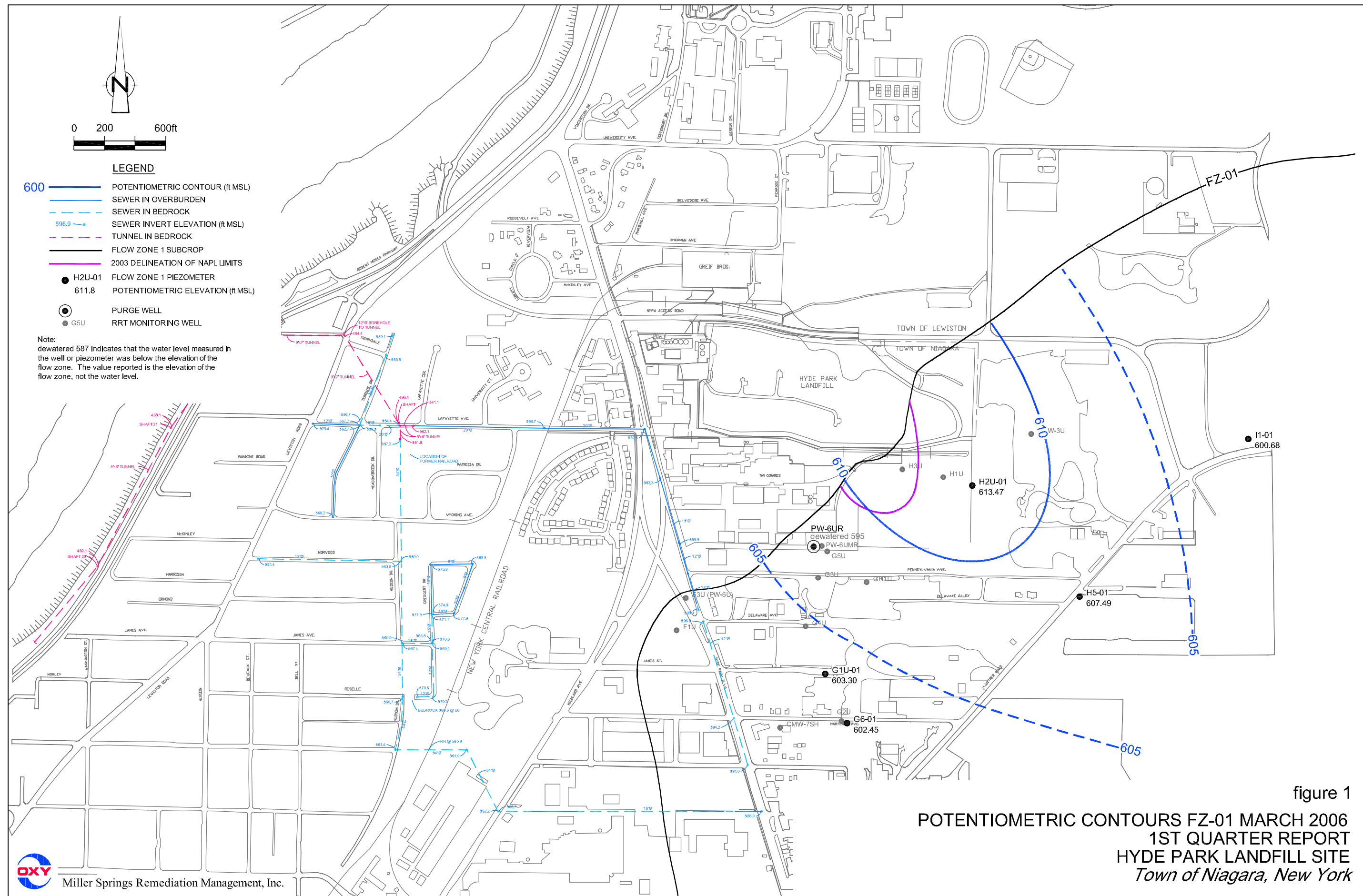
Donald W. McLeod, P.E.
Project Manager

Enclosure

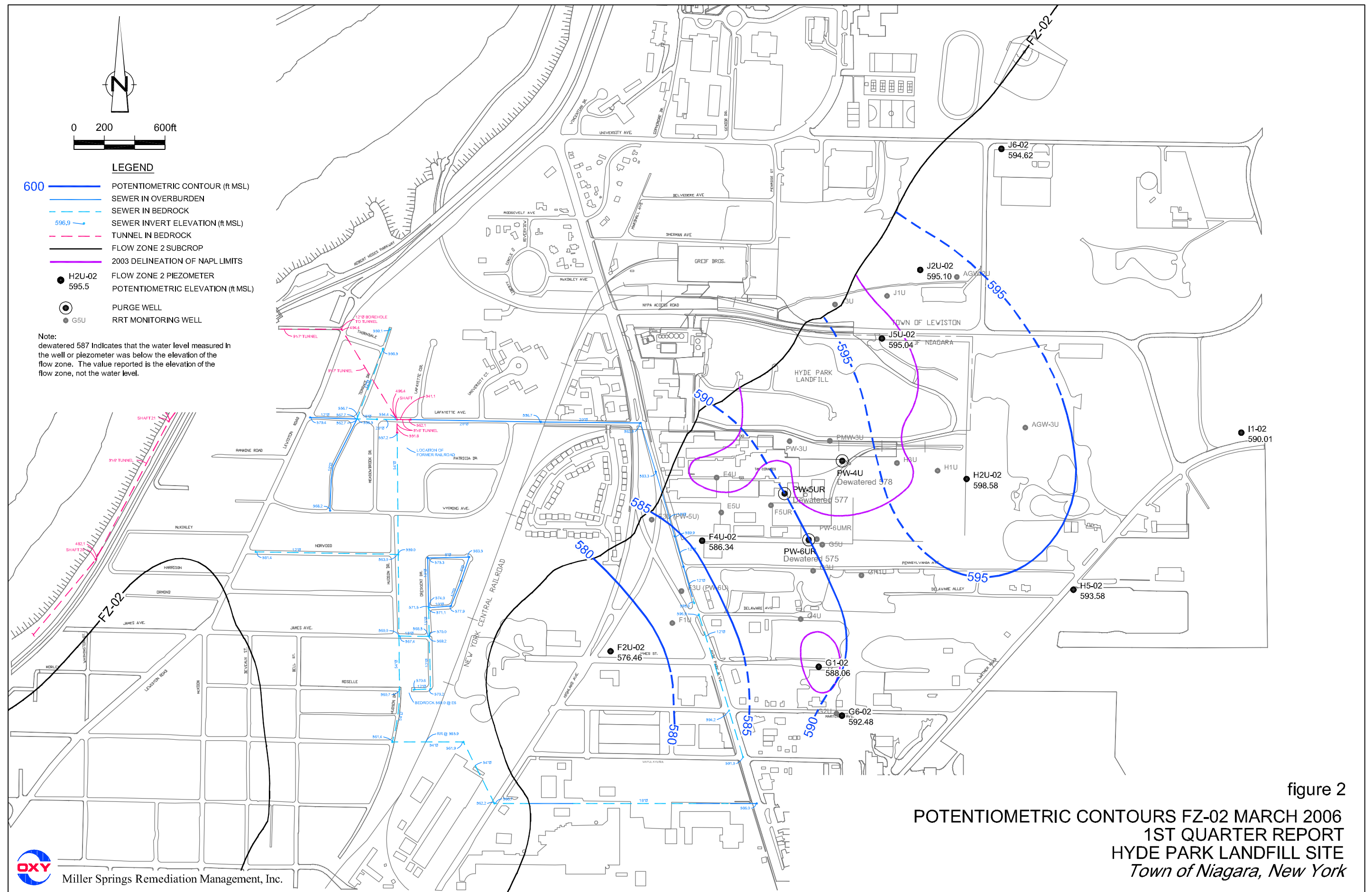
Dist:	G. Sosa, EPA – 4*	J. Kaczor, EarthTech – 1*
	W. Welling, DEC – 2*	S. Parkhill, MSRM – 1
	B. Sadowski, DEC – 1*	D. Booth, MSRM – 1
	M. Forcucci, DOH – 1*	J. Thornton, CRA – 1

* - Include one copy on CD

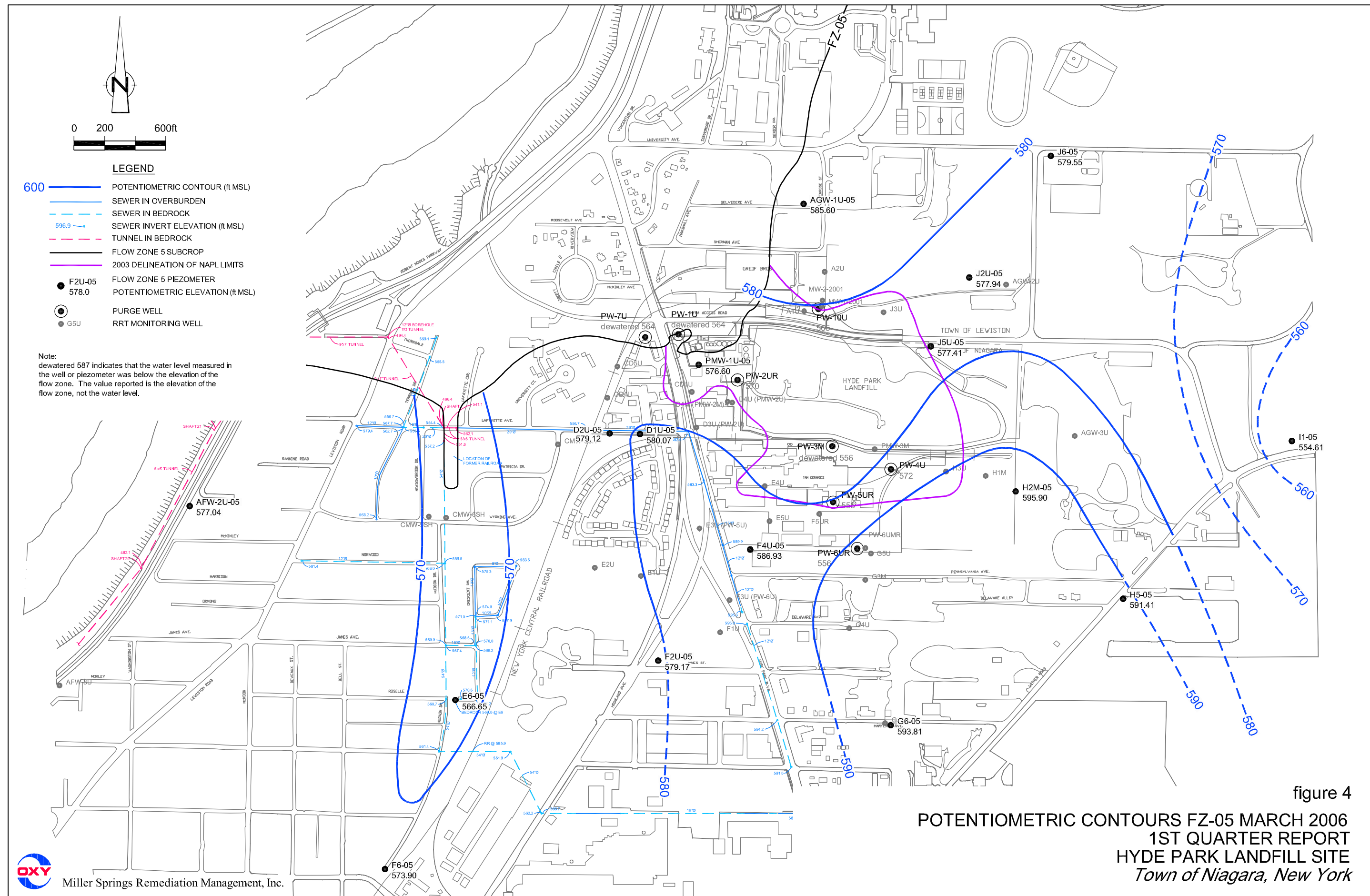
FIGURES



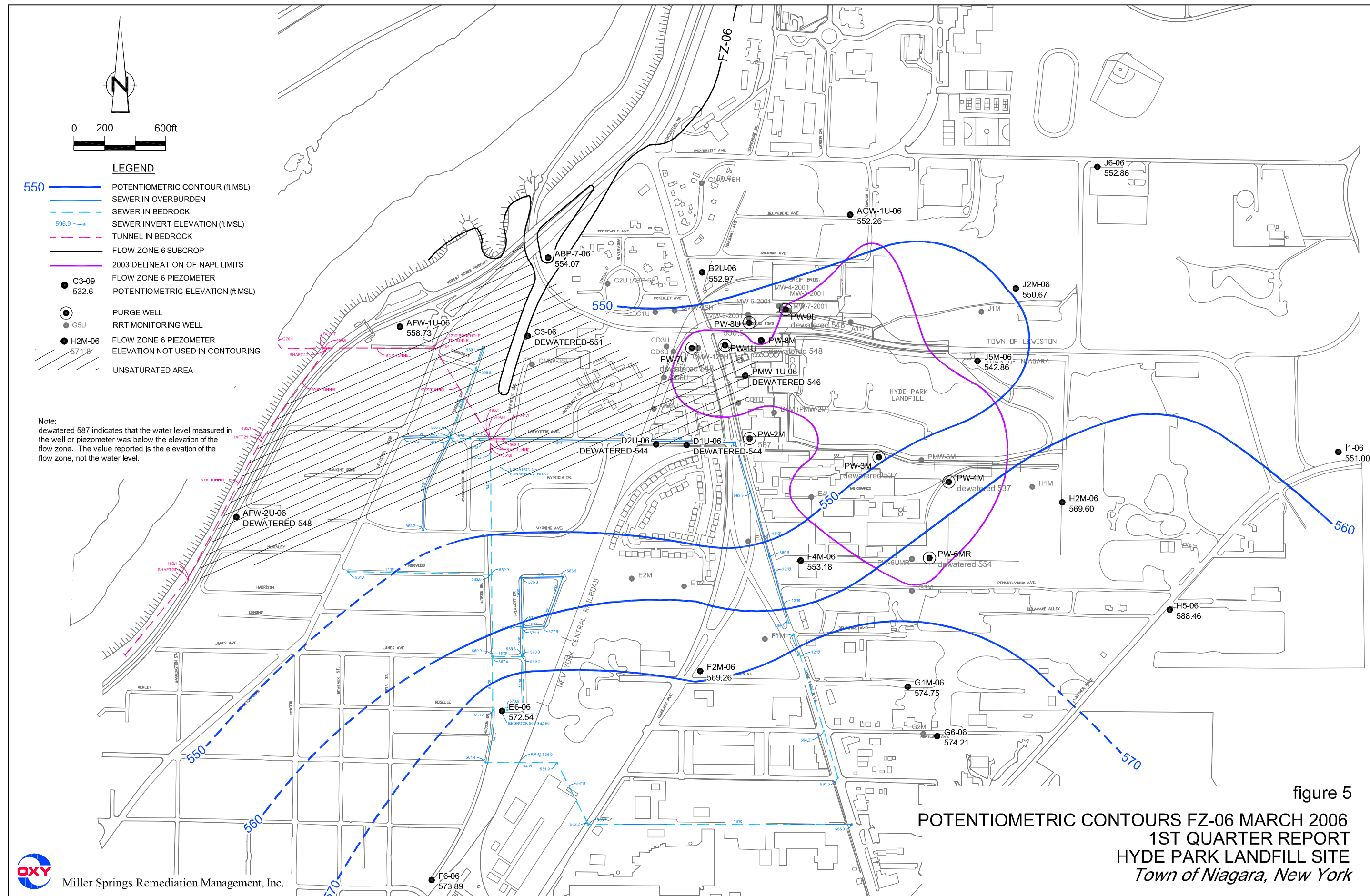
Miller Springs Remediation Management, Inc.



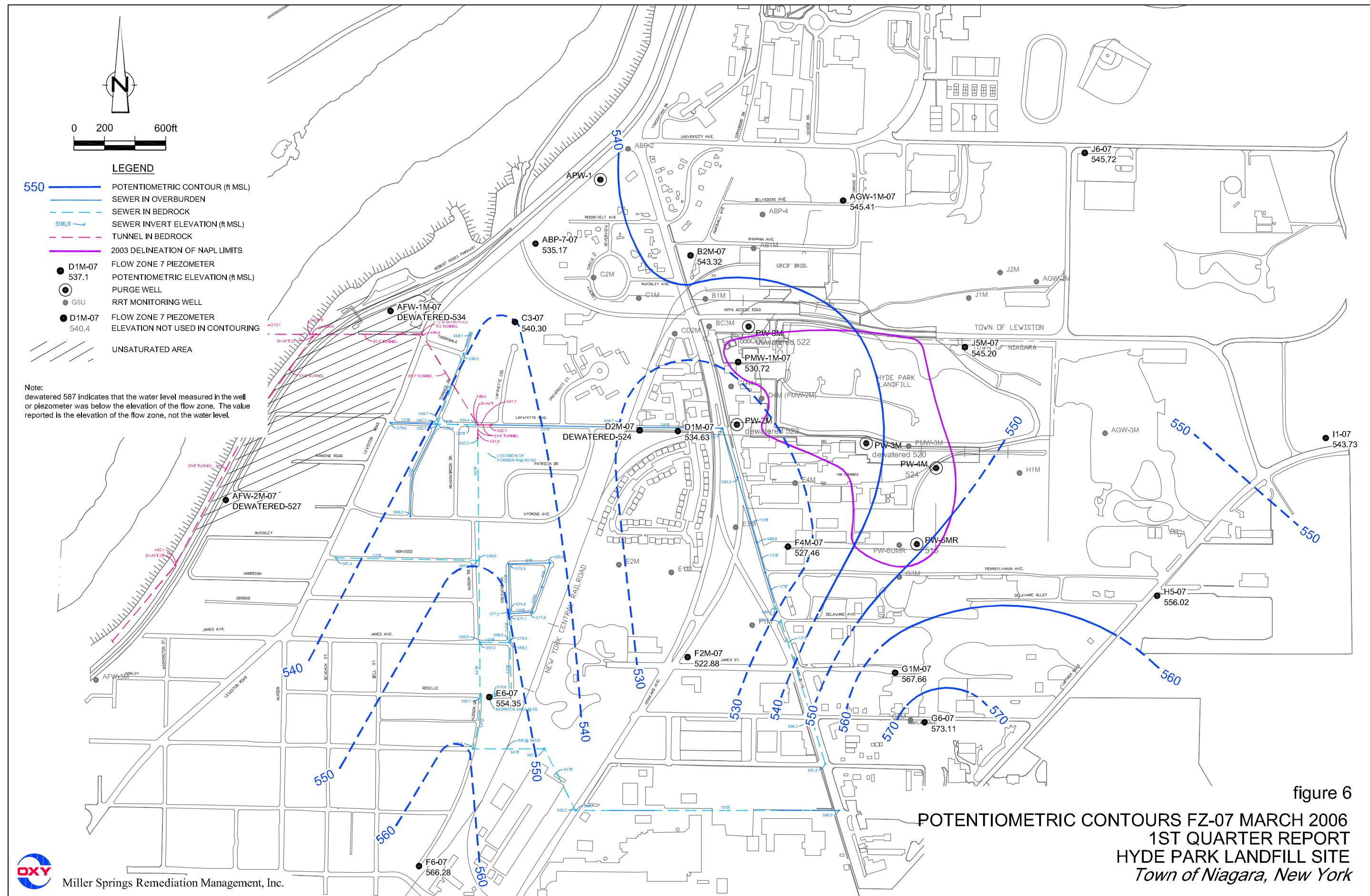
Miller Springs Remediation Management, Inc.



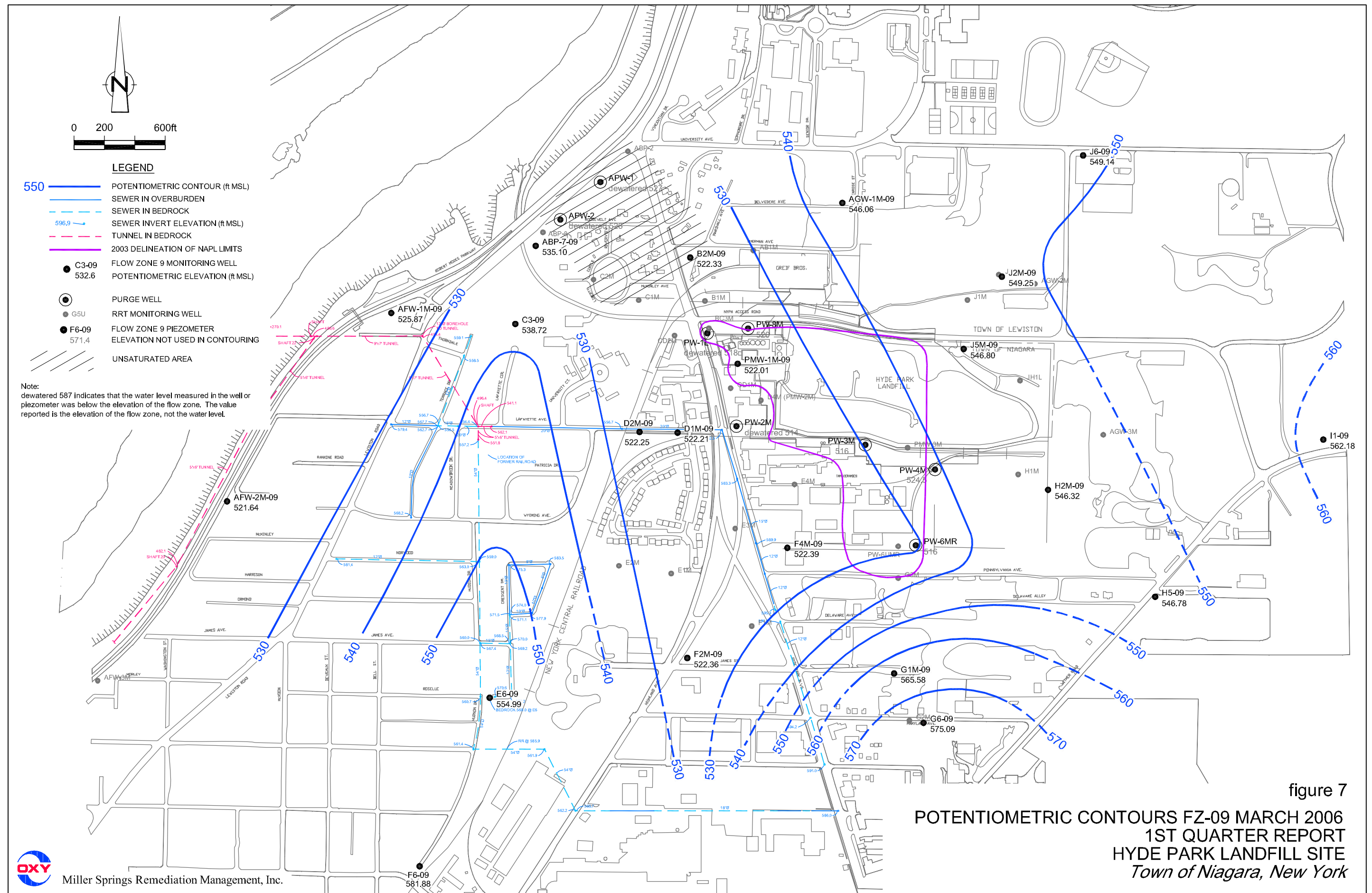
Miller Springs Remediation Management, Inc.



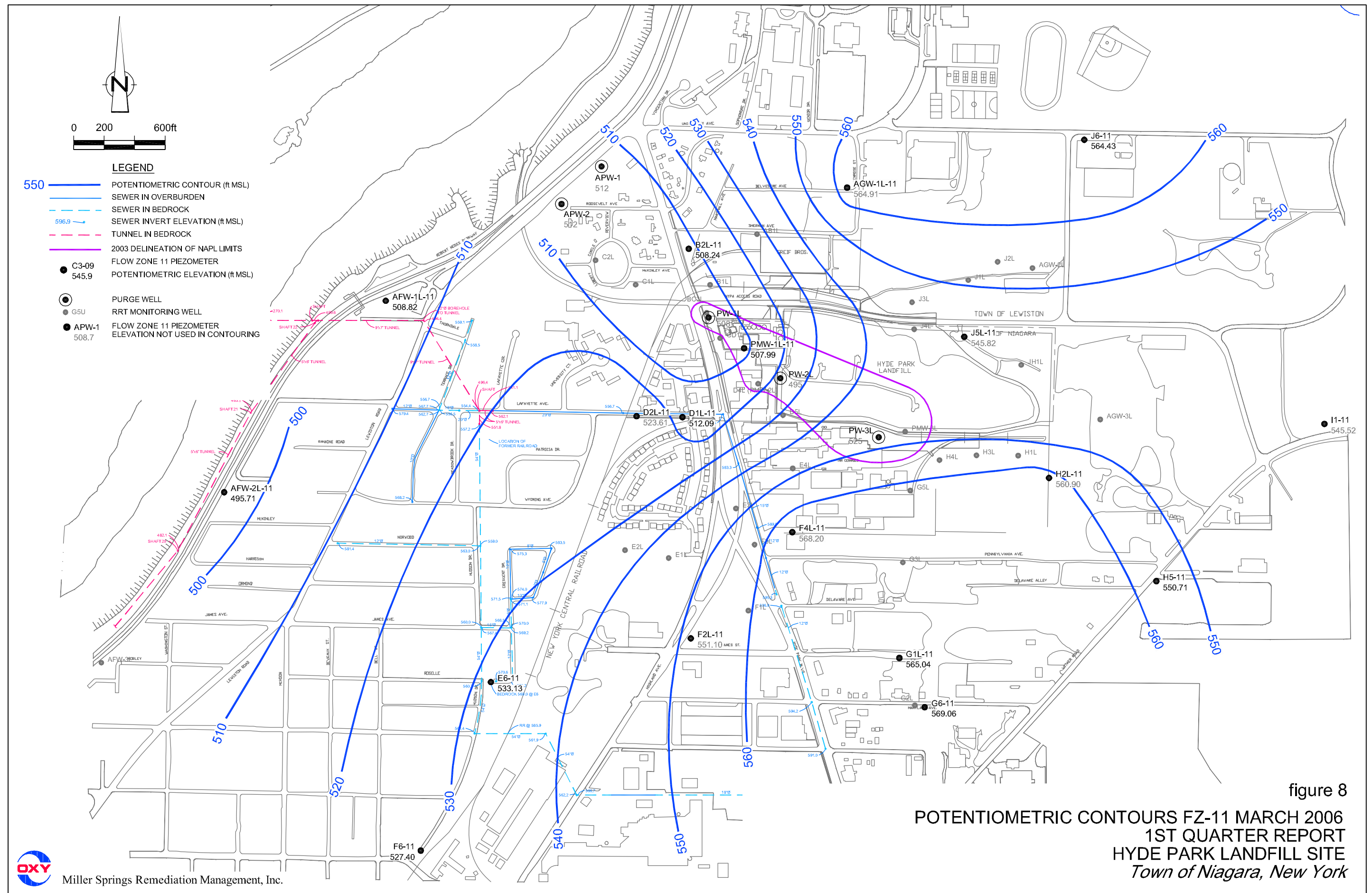
Miller Springs Remediation Management, Inc.



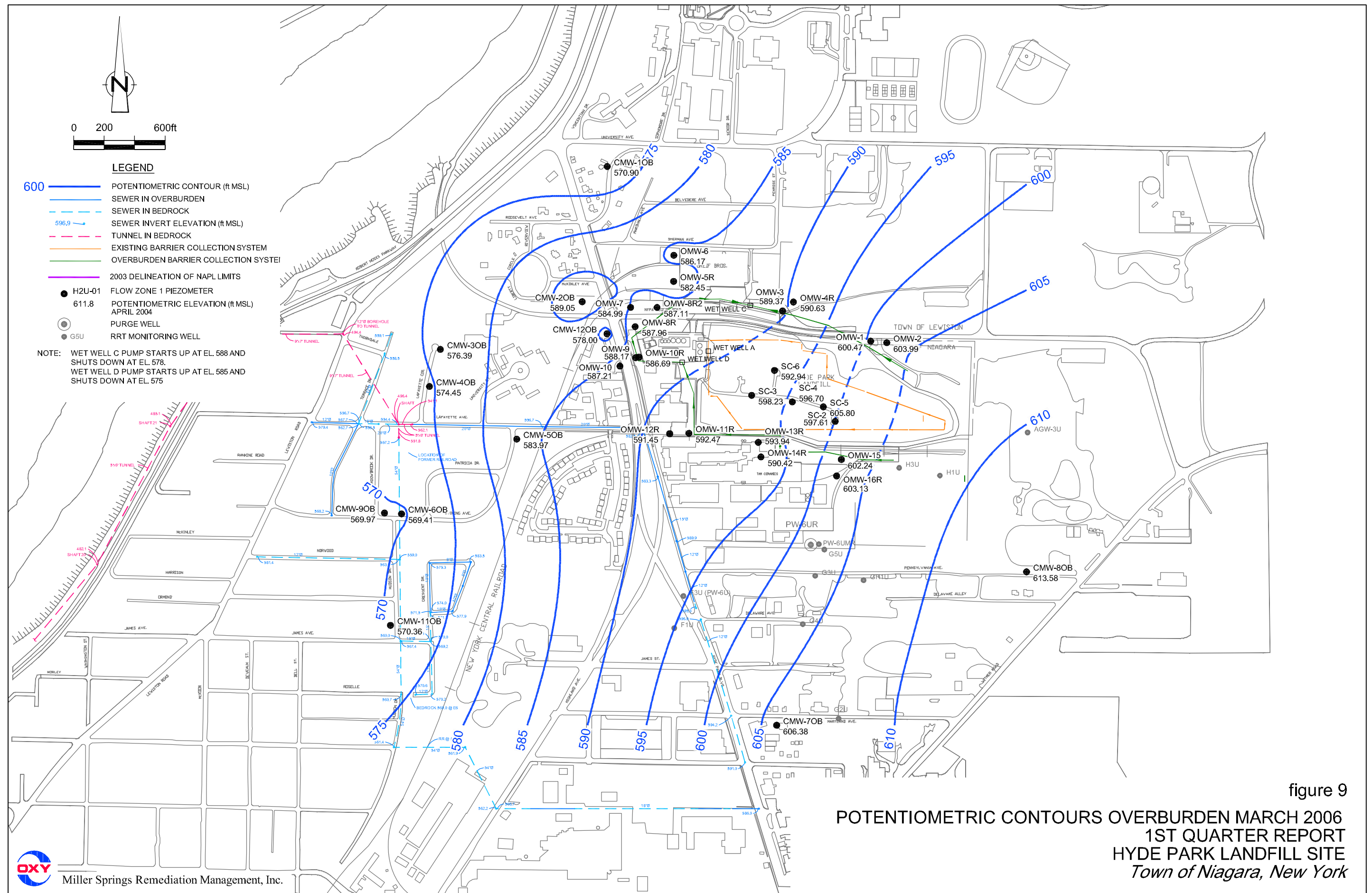
Miller Springs Remediation Management, Inc.



Miller Springs Remediation Management, Inc.



Miller Springs Remediation Management, Inc.



TABLE

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	1.00	589.05
CMW-3OB	582.79	6.40	576.39
CMW-4OB	574.85	0.40	574.45
CMW-5OB	584.13	0.16	583.97
CMW-6OB	572.55	3.14	569.41
CMW-7OB	611.38	5.00	606.38
CMW-8OB	616.78	3.20	613.58
CMW-9OB	572.41	2.44	569.97
CMW-1OB	576.12	5.22	570.90
CMW-11OB	573.51	3.15	570.36
CMW-12OB	595.26	17.26	578.00
OMW-1	605.87	5.40	600.47
OMW-2	606.39	2.40	603.99
OMW-3	599.27	9.90	589.37
OMW-4R	601.83	11.20	590.63
OMW-5R	588.25	5.80	582.45
OMW-6	588.27	2.10	586.17
OMW-7	593.39	8.40	584.99
OMW-8R	598.16	10.20	587.96
OMW-8R2	595.31	8.20	587.11
OMW-9	595.97	7.80	588.17
OMW-10	595.51	8.30	587.21
OMW-10R	595.79	9.10	586.69
OMW-11R	598.07	5.60	592.47
OMW-12R	596.95	5.50	591.45
OMW-13R	602.04	8.10	593.94
OMW-14R	599.42	9.00	590.42
OMW-15	608.04	5.80	602.24
OMW-16R	608.23	5.10	603.13
SC-2	-	-	597.61
SC-3	-	-	598.23
SC-4	-	-	596.70
SC-5	-	-	605.80
SC-6	-	-	592.94
Flow Zone 1			
G1U-01	617.08	13.78	603.30
G6-01	608.11	5.66	602.45
H2U-01	620.92	7.45	613.47
H5-01	617.61	10.12	607.49
I1-01	621.55	20.87	600.68
I1-01	621.55	20.87	600.68
Flow Zone 2			
F2U-02	599.89	23.43	576.46
F4U-02	602.32	15.98	586.34
G1-02	616.86	28.80	588.06
G6-02	608.11	15.63	592.48
H2U-02	620.88	22.30	598.58
H5-02	617.47	23.89	593.58
I1-02	621.42	31.41	590.01
J2U-02	609.66	14.56	595.10
J5U-02	606.21	11.17	595.04
J6-02	609.23	14.61	594.62

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 4			
AFW-2U-04	593.48	16.50	576.98
D1U-04	593.77	11.62	582.15
D2U-04	590.65	10.22	580.43
E6-04	578.23	12.45	565.78
F2U-04	599.76	21.06	578.70
F4U-04	602.19	14.62	587.57
F6-04	588.06	18.10	569.96
G1U-04	616.96	23.90	593.06
G6-04	608.11	16.65	591.46
H5-04	617.4	23.89	593.51
I1-04	621.31	36.92	584.39
J2U-04	609.42	18.14	591.28
J5U-04	606.05	20.19	585.86
J6-04	609.12	28.65	580.47
Flow Zone 5			
AFW-2U-05	593.33	16.29	577.04
AGW-1U-05	591.8	6.20	585.60
D1U-05	593.51	13.44	580.07
D2U-05	590.56	11.44	579.12
E6-05	578.04	11.39	566.65
F2U-05	599.64	20.47	579.17
F4U-05	602.06	15.13	586.93
F6-05	587.85	13.95	573.90
G6-05	608.11	14.30	593.81
H2M-05	621.59	25.69	595.90
H5-05	617.31	25.90	591.41
I1-05	621.21	66.60	554.61
J2U-05	609.3	31.36	577.94
J5U-05	605.87	28.46	577.41
J6-05	609.02	29.47	579.55
PMW-1U-05	598	21.40	576.60
Flow Zone 6			
ABP-7-06	575.78	21.71	554.07
AFW-1U-06	571.83	13.10	558.73
AFW-2U-06	593.22	48.09	545.13
AGW-1U-06	591.66	39.40	552.26
B2U-06	589.29	36.32	552.97
C3-06	585.78	37.50	548.28
D1U-06	593.25	50.58	542.67
D2U-06	590.38	46.55	543.83
E6-06	577.99	5.45	572.54
F2M-06	599.06	29.80	569.26
F4M-06	602.05	48.87	553.18
F6-06	587.84	13.95	573.89
G1M-06	616.75	42.00	574.75
G6-06	608.11	33.90	574.21
H2M-06	621.42	51.82	569.60
H5-06	617.17	28.71	588.46
I1-06	621.08	70.08	551.00
J2M-06	608.94	58.27	550.67
J5M-06	606.22	63.36	542.86
J6-06	608.93	56.07	552.86
PMW-1U-06	597.92	53.52	544.40

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 7			
ABP-1-07	576.98	*	*
ABP-7-07	575.67	40.50	535.17
AFW-1M-07	571.41	38.66	532.75
AFW-2M-07	593.44	66.81	526.63
AGW-1M-07	592.91	47.50	545.41
B2M-07	589.52	46.20	543.32
C3-07	585.62	45.32	540.30
D1M-07	594.15	59.52	534.63
D2M-07	590.77	67.23	523.54
E6-07	577.91	23.56	554.35
F2M-07	598.91	76.03	522.88
F4M-07	601.91	74.45	527.46
F6-07	587.68	21.40	566.28
G1M-07	616.68	49.02	567.66
G6-07	608.11	35.00	573.11
H5-07	617.05	61.03	556.02
I1-07	620.97	77.24	543.73
J5M-07	606.07	60.87	545.20
J6-07	608.85	63.13	545.72
PMW-1M-07	598.5	67.78	530.72
Flow Zone 9			
ABP-1-09	576.73	*	*
ABP-7-09	575.67	40.57	535.10
AFW-1M-09	571.12	45.25	525.87
AFW-2M-09	593.32	71.68	521.64
AGW-1M-09	592.75	46.69	546.06
B2M-09	589.34	67.01	522.33
C3-09	585.54	46.82	538.72
D1M-09	594.02	71.81	522.21
D2M-09	590.66	68.41	522.25
E6-09	577.82	22.83	554.99
F2M-09	598.71	76.35	522.36
F4M-09	601.79	79.40	522.39
F6-09	587.53	5.65	581.88
G1M-09	616.58	51.00	565.58
G6-09	608.11	33.02	575.09
H2M-09	621.32	75.00	546.32
H5-09	616.93	70.15	546.78
I1-09	620.86	58.68	562.18
J2M-09	608.77	59.52	549.25
J5M-09	605.82	59.02	546.80
J6-09	608.76	59.62	549.14
PMW-1M-09	598.34	76.33	522.01

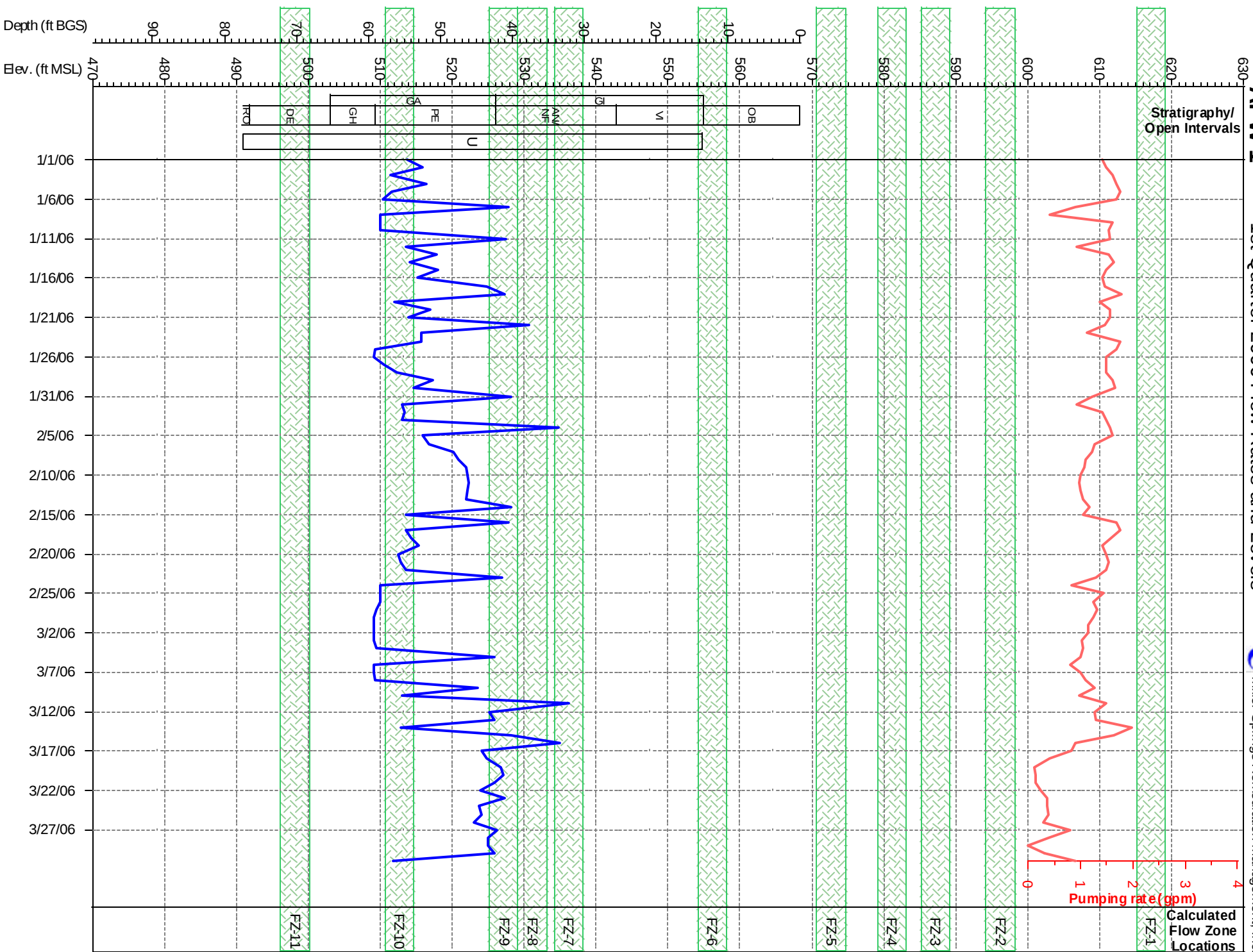
TABLE 1
WATER LEVEL ELEVATION SUMMARY
FIRST QUARTER - 2006
HYDE PARK RRT PROGRAM

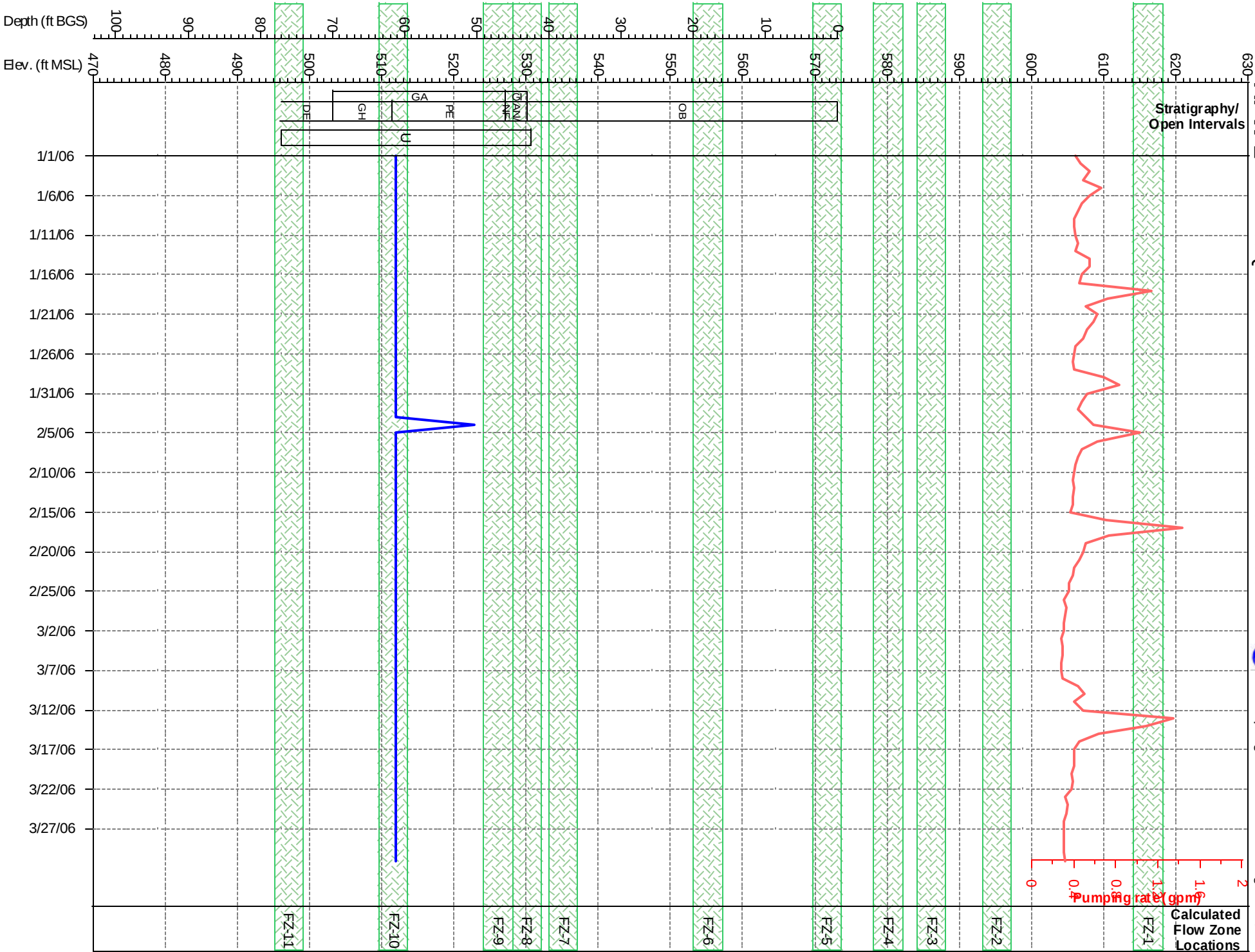
Well	Reference Elevation (ft AMSL)	Depth to Water (ft)	Water Level Elevation (ft AMSL)
Flow Zone 11			
AFW-1L-11	572.1	63.28	508.82
AFW-2L-11	593.43	97.72	495.71
AGW-1L-11	592.71	27.80	564.91
B2L-11	589.65	81.41	508.24
D1L-11	593.8	81.71	512.09
D2L-11	590.21	66.60	523.61
E6-11	577.72	44.59	533.13
F2L-11	598.94	47.84	551.10
F4L-11	602.22	34.02	568.20
F6-11	587.4	60.00	527.40
G1L-11	616.84	51.80	565.04
G6-11	608.11	39.05	569.06
H2L-11	620.73	59.83	560.90
H5-11	616.81	66.10	550.71
I1-11	620.71	75.19	545.52
J5L-11	607.2	61.38	545.82
J6-11	608.68	44.25	564.43
PMW-1L-11	598.84	90.85	507.99

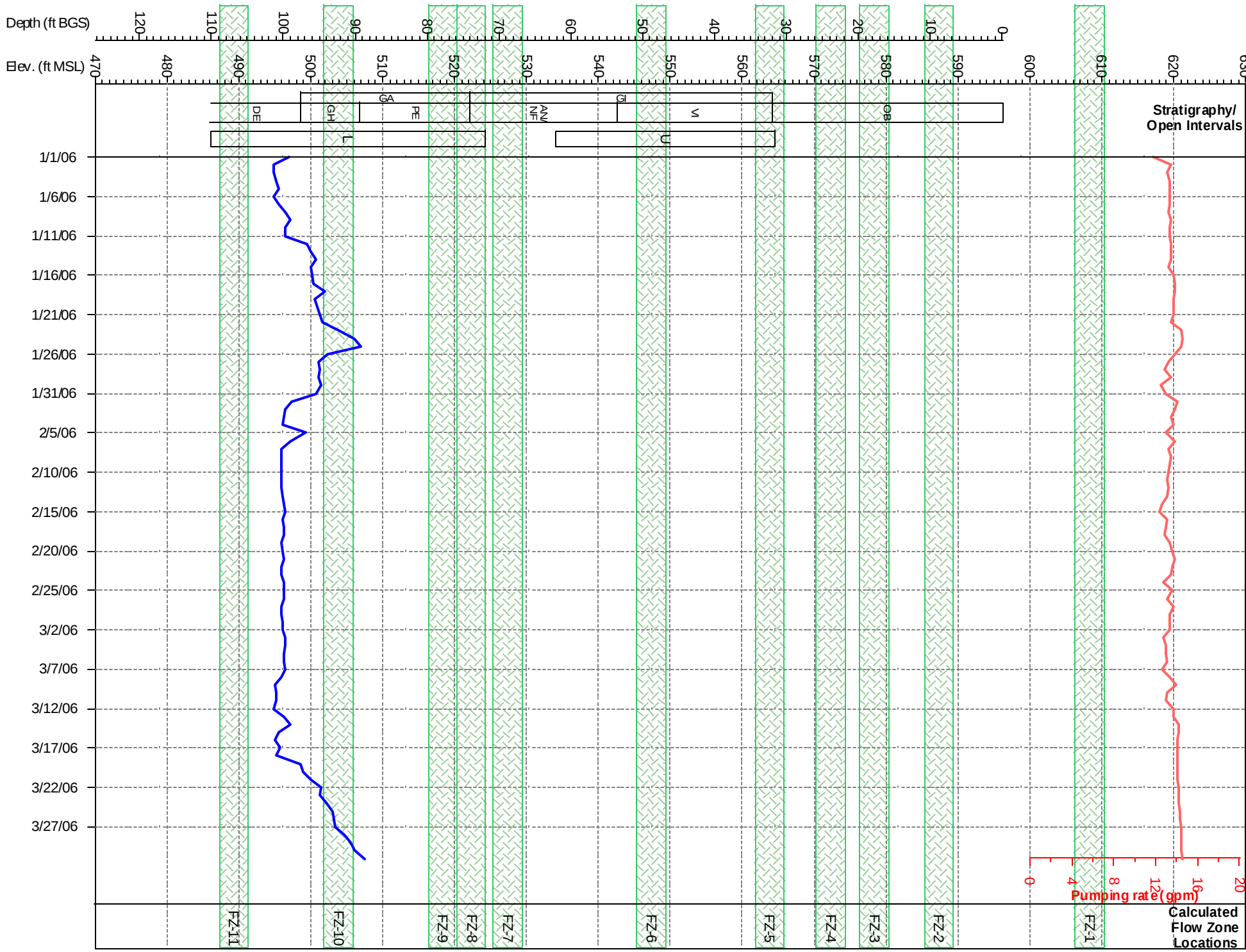
Notes

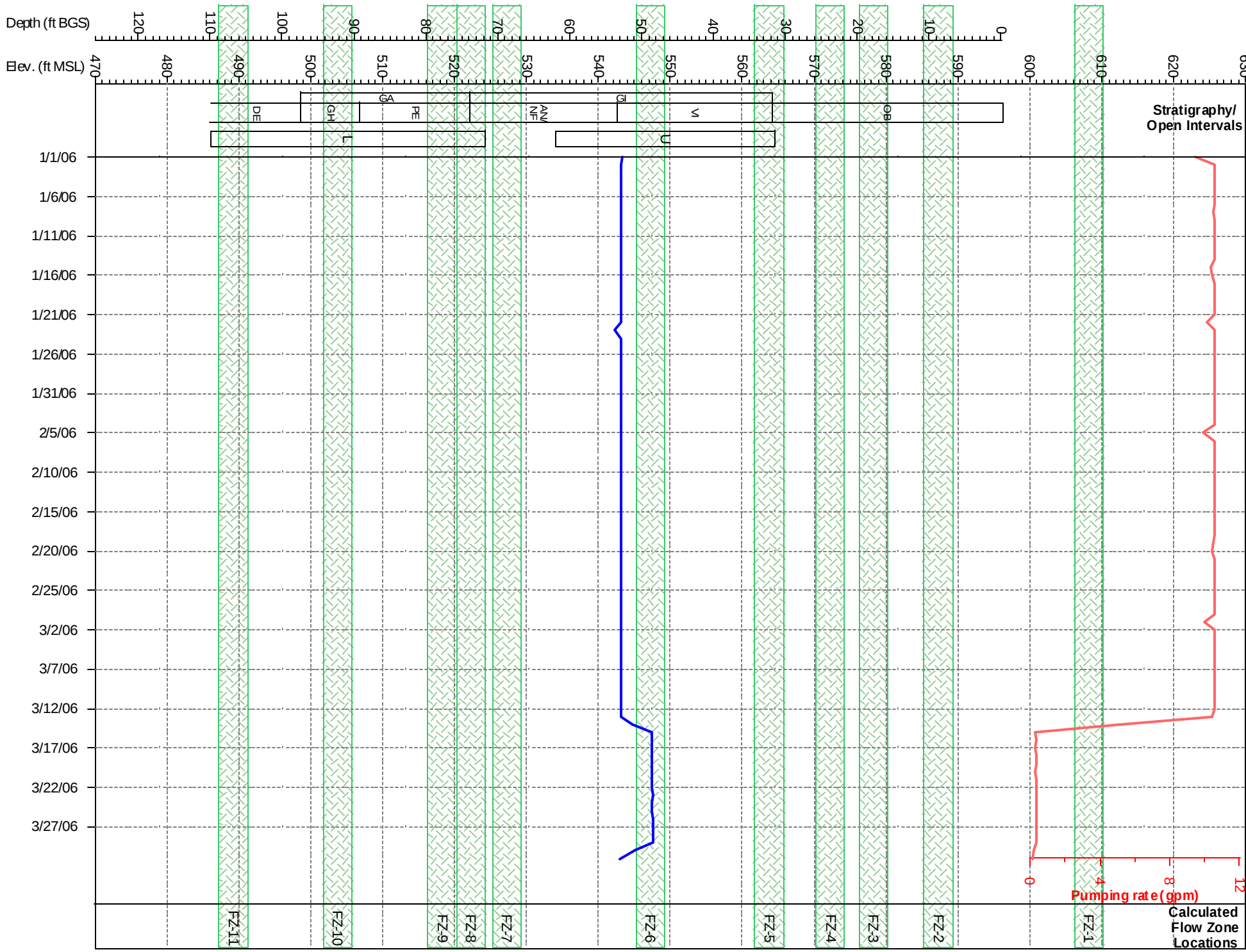
- * Well damaged by car.

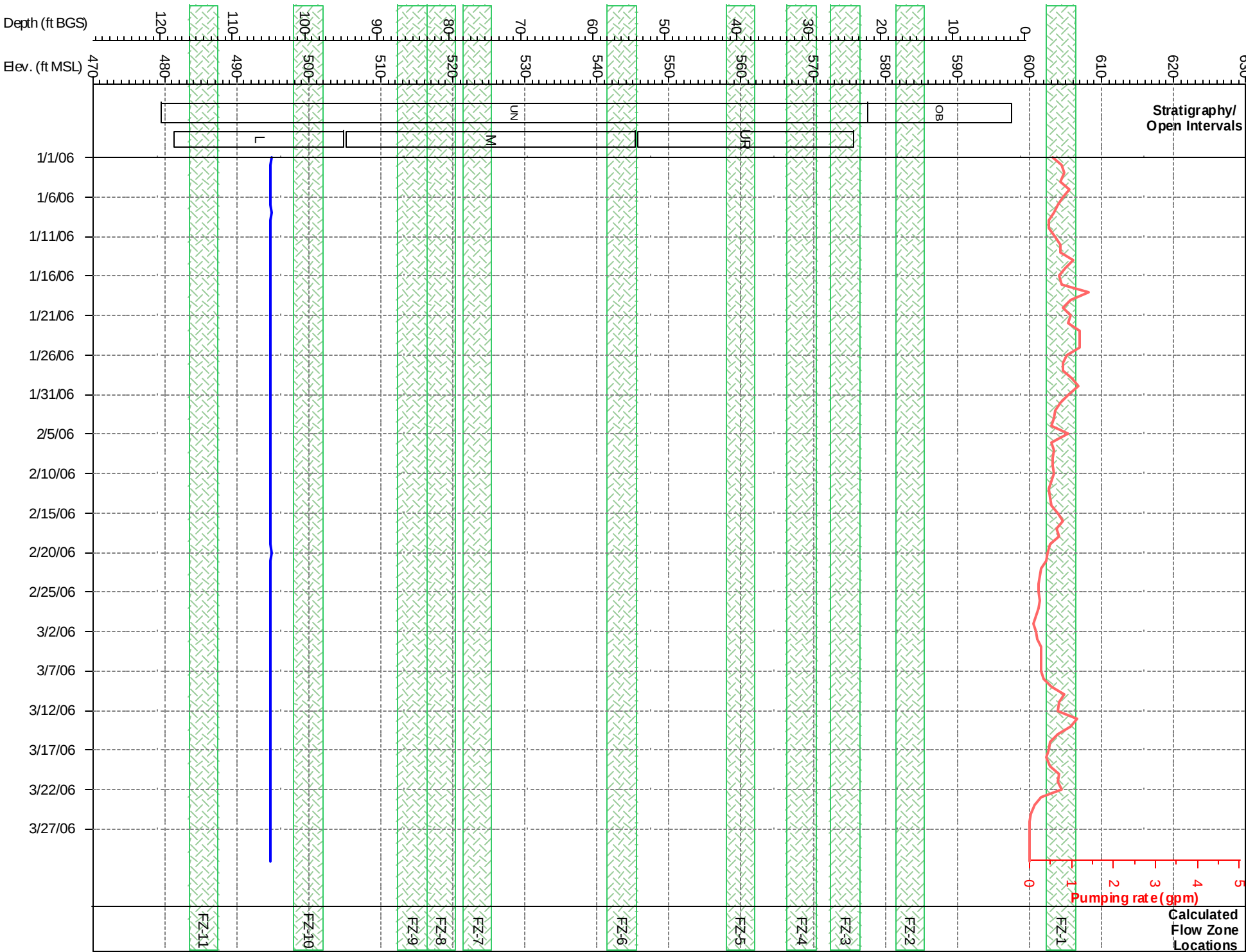
ATTACHMENT 1

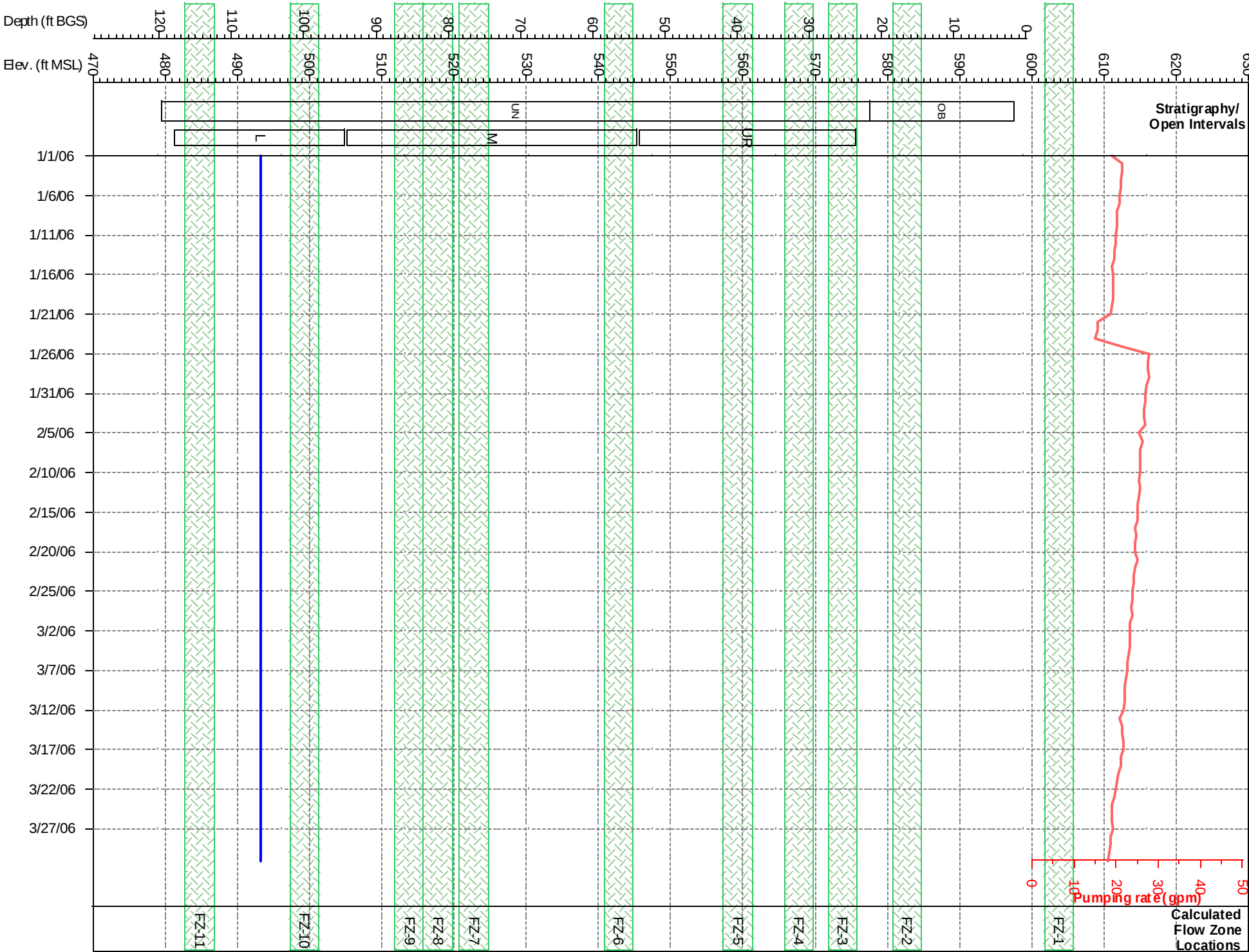


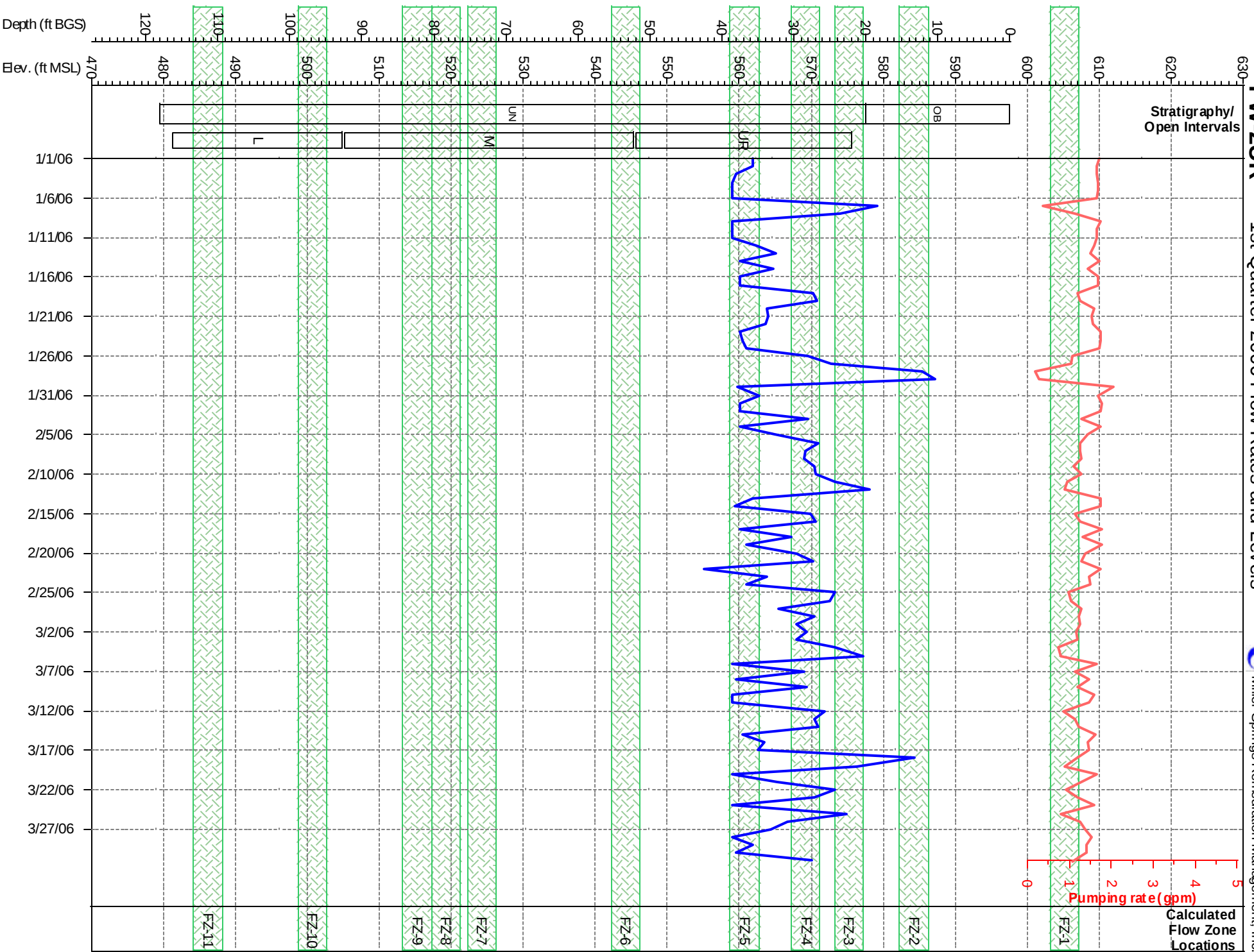


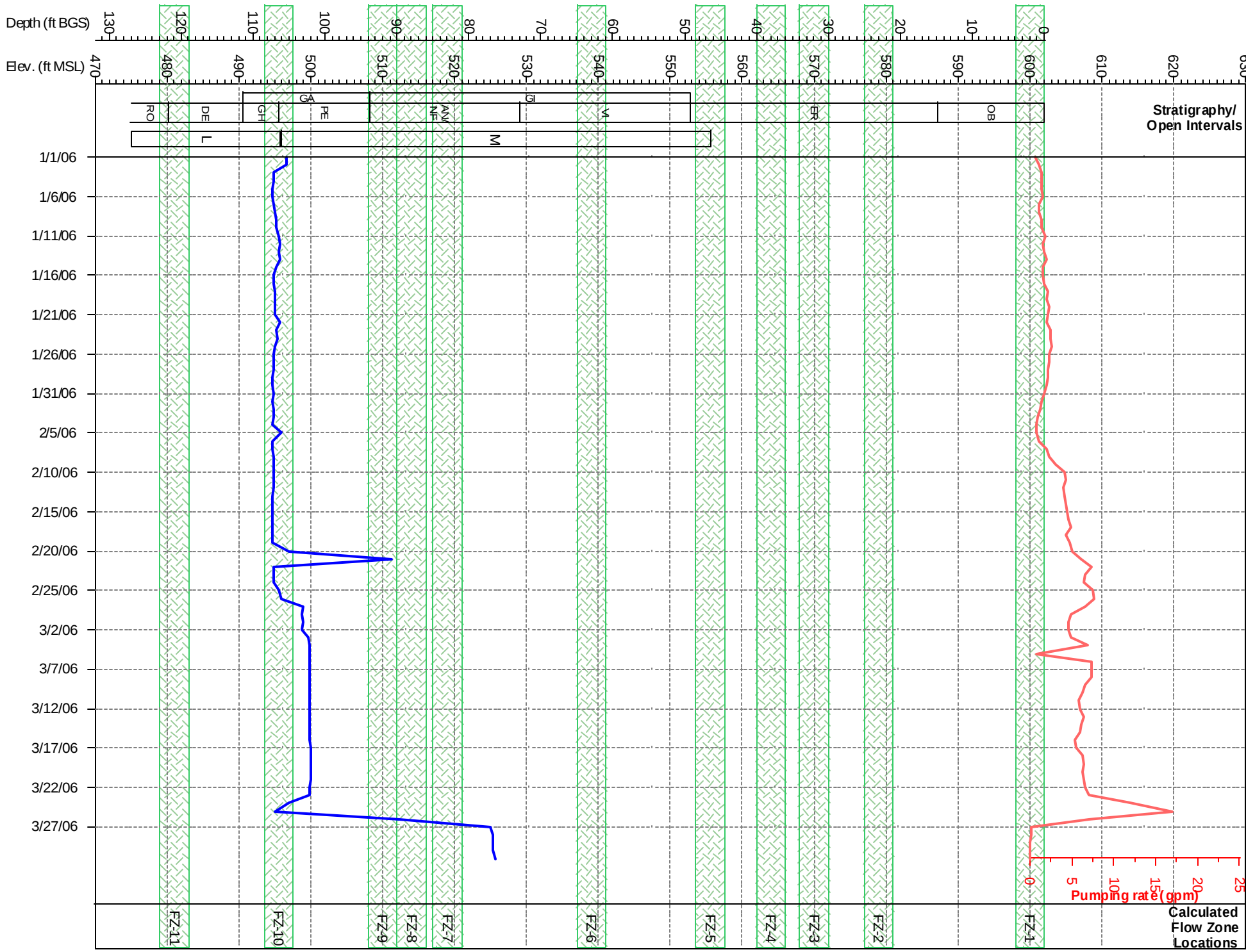


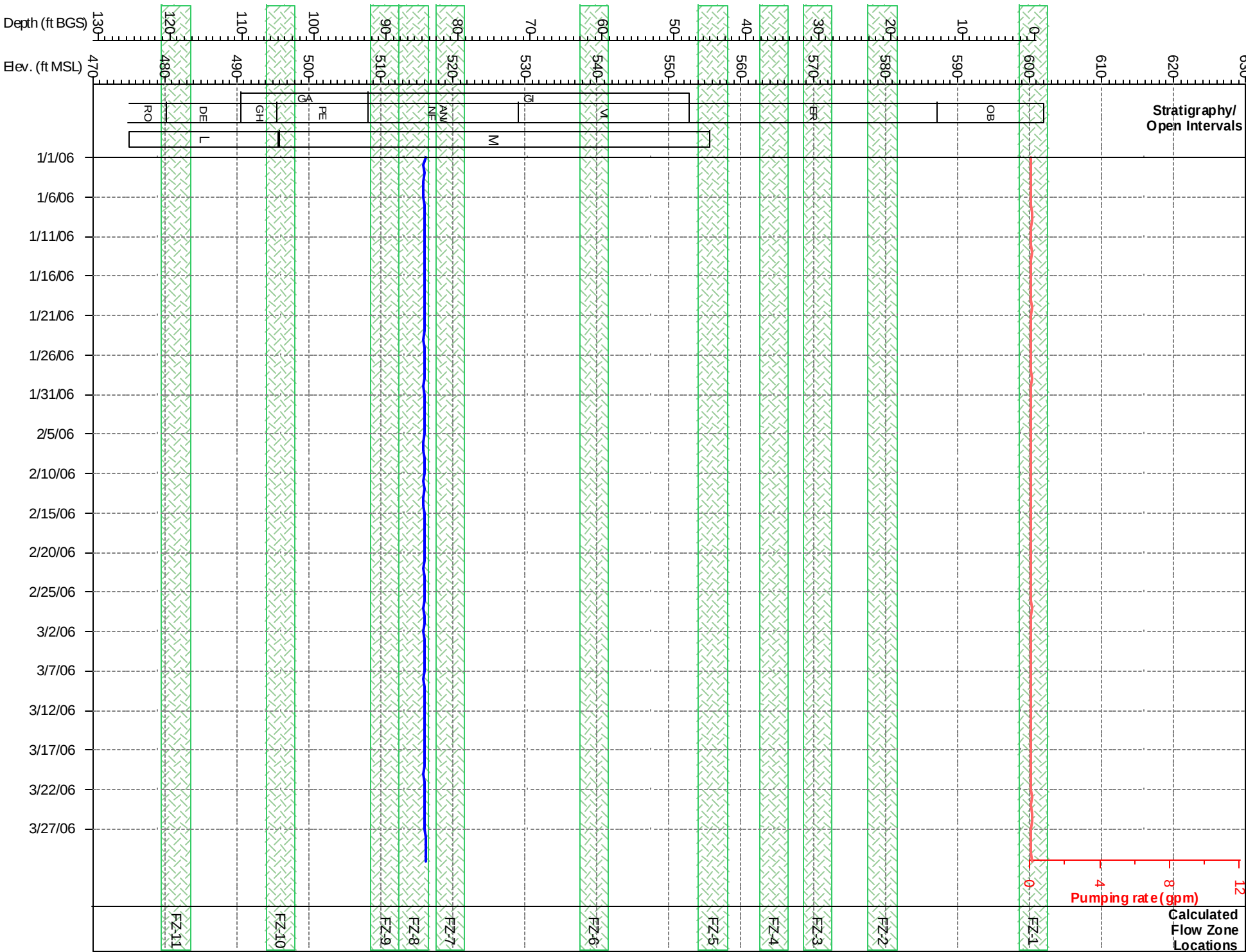


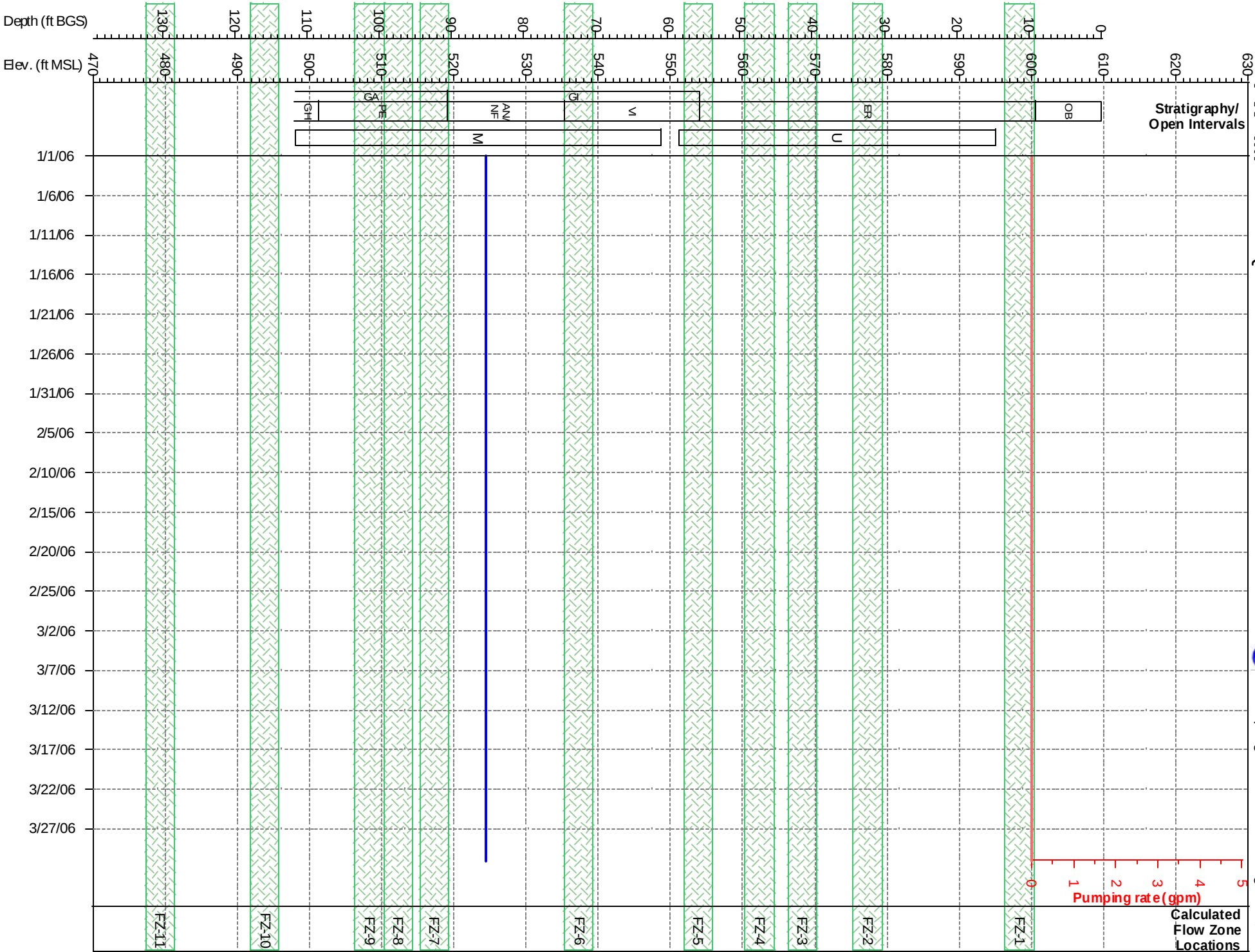


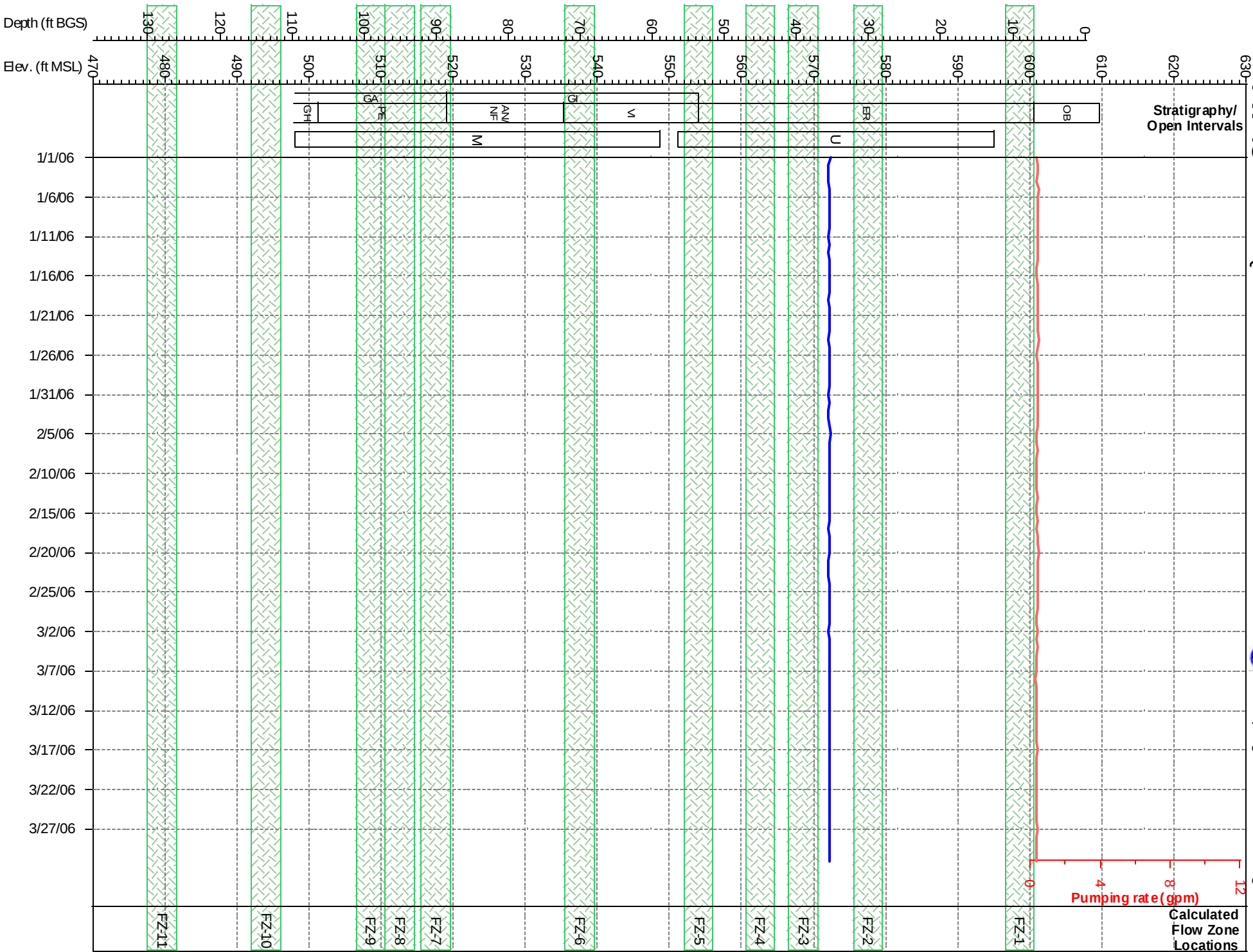


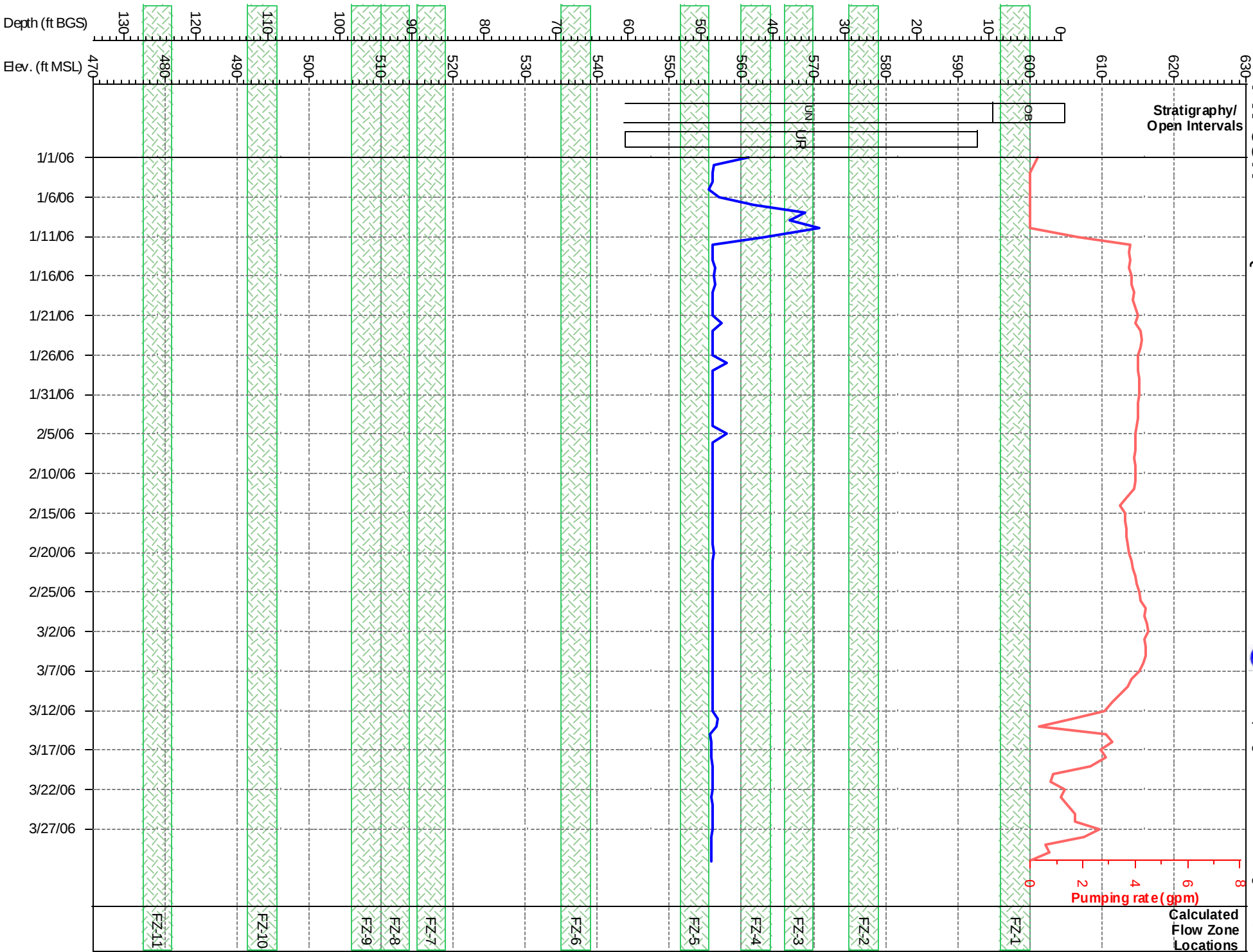


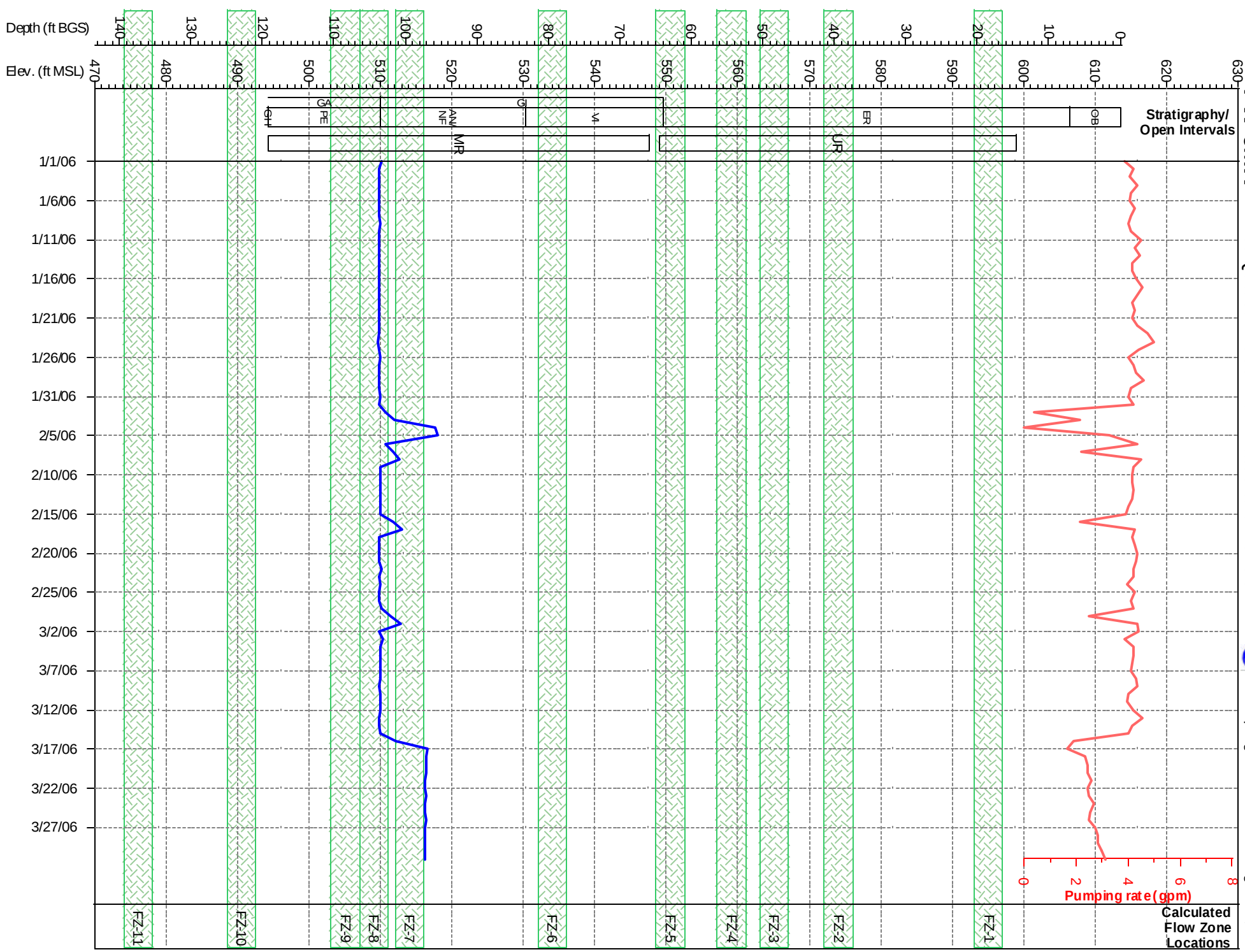


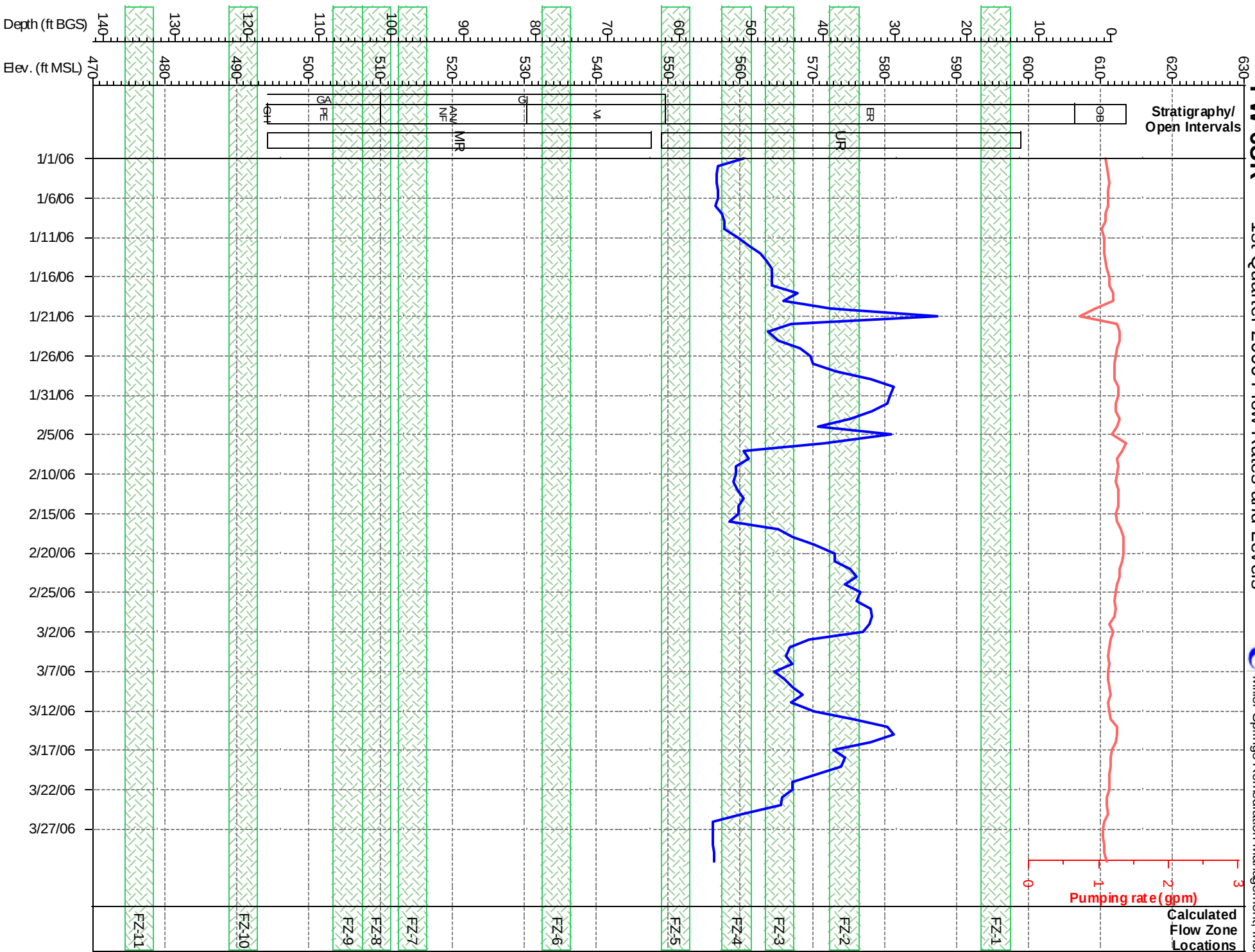


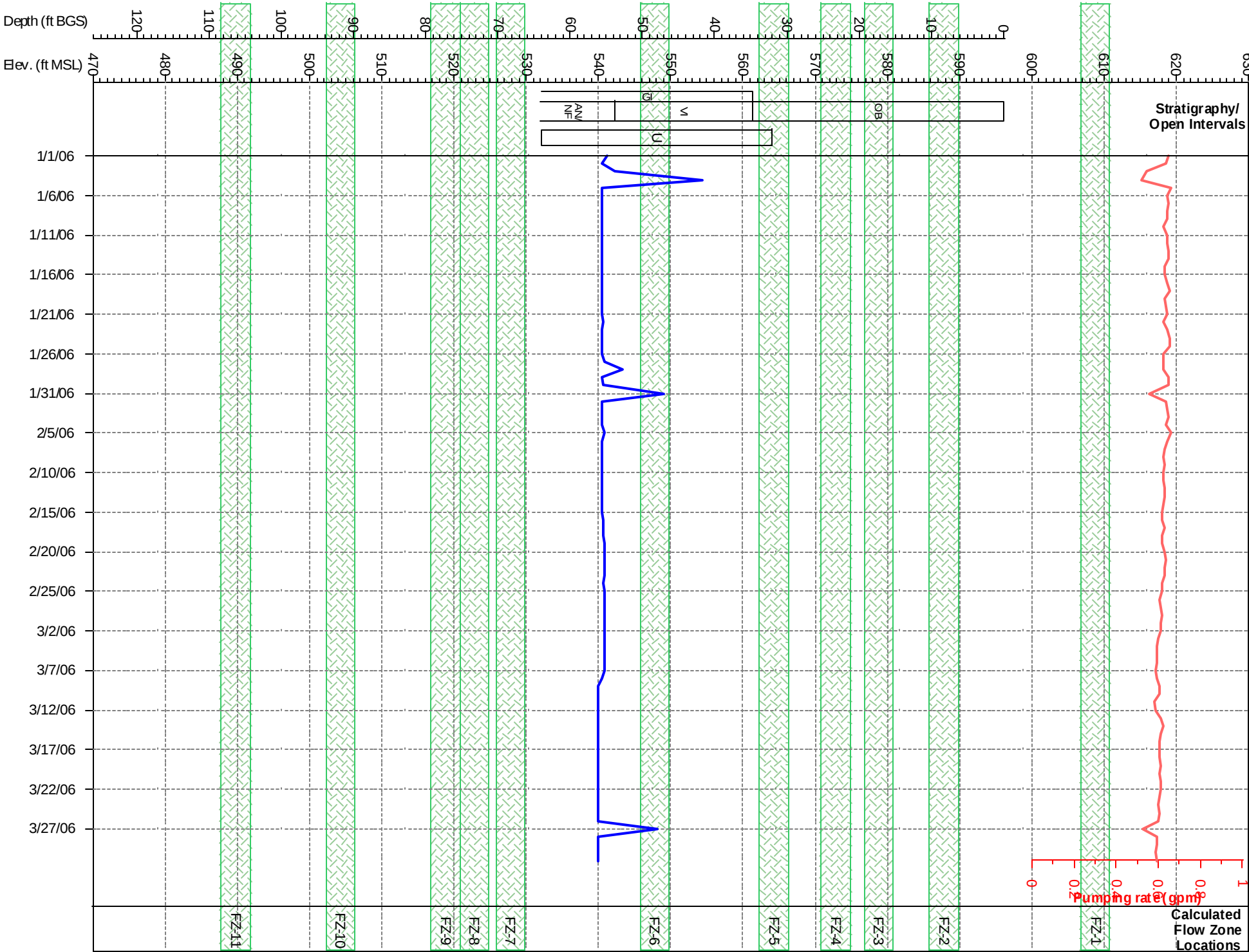


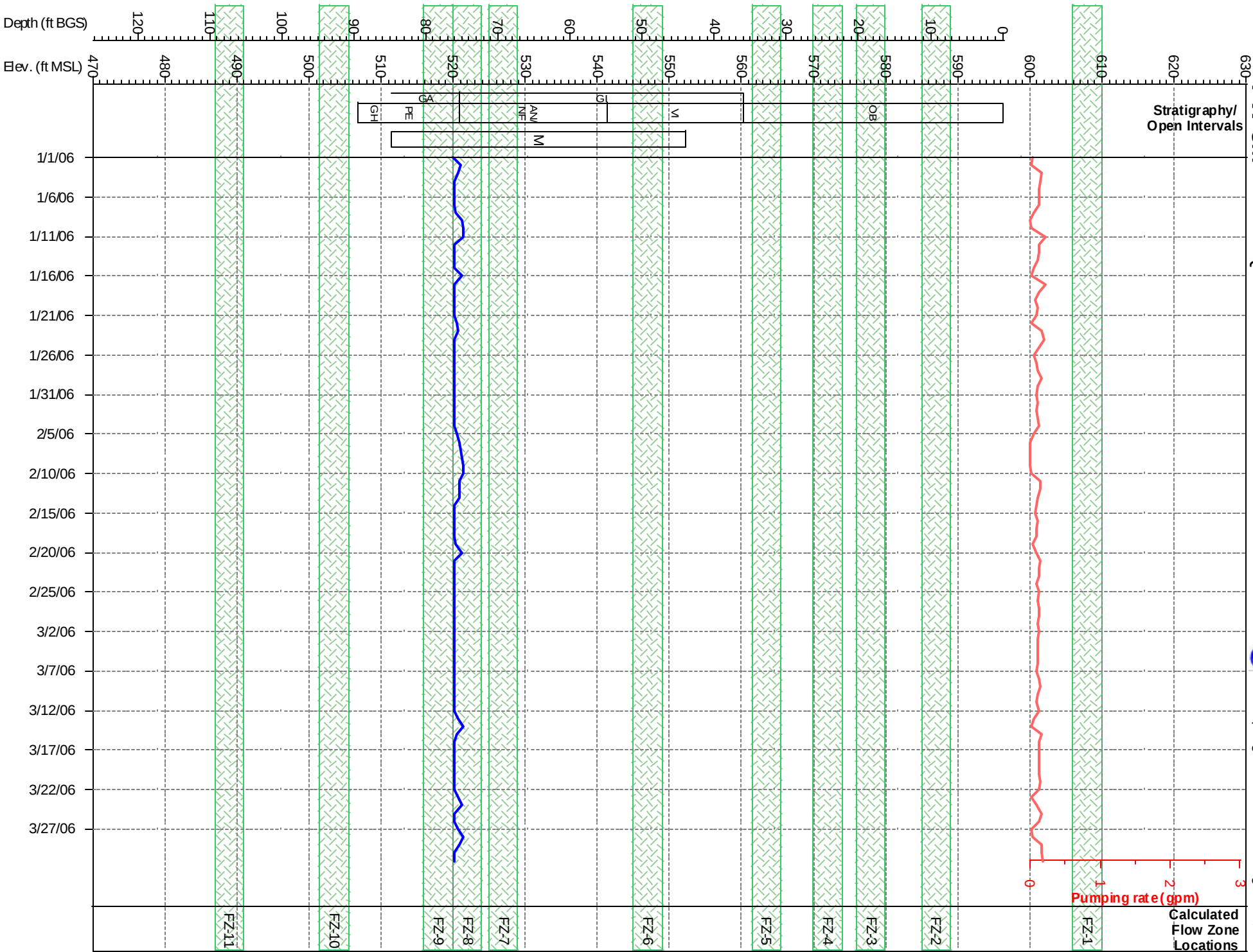


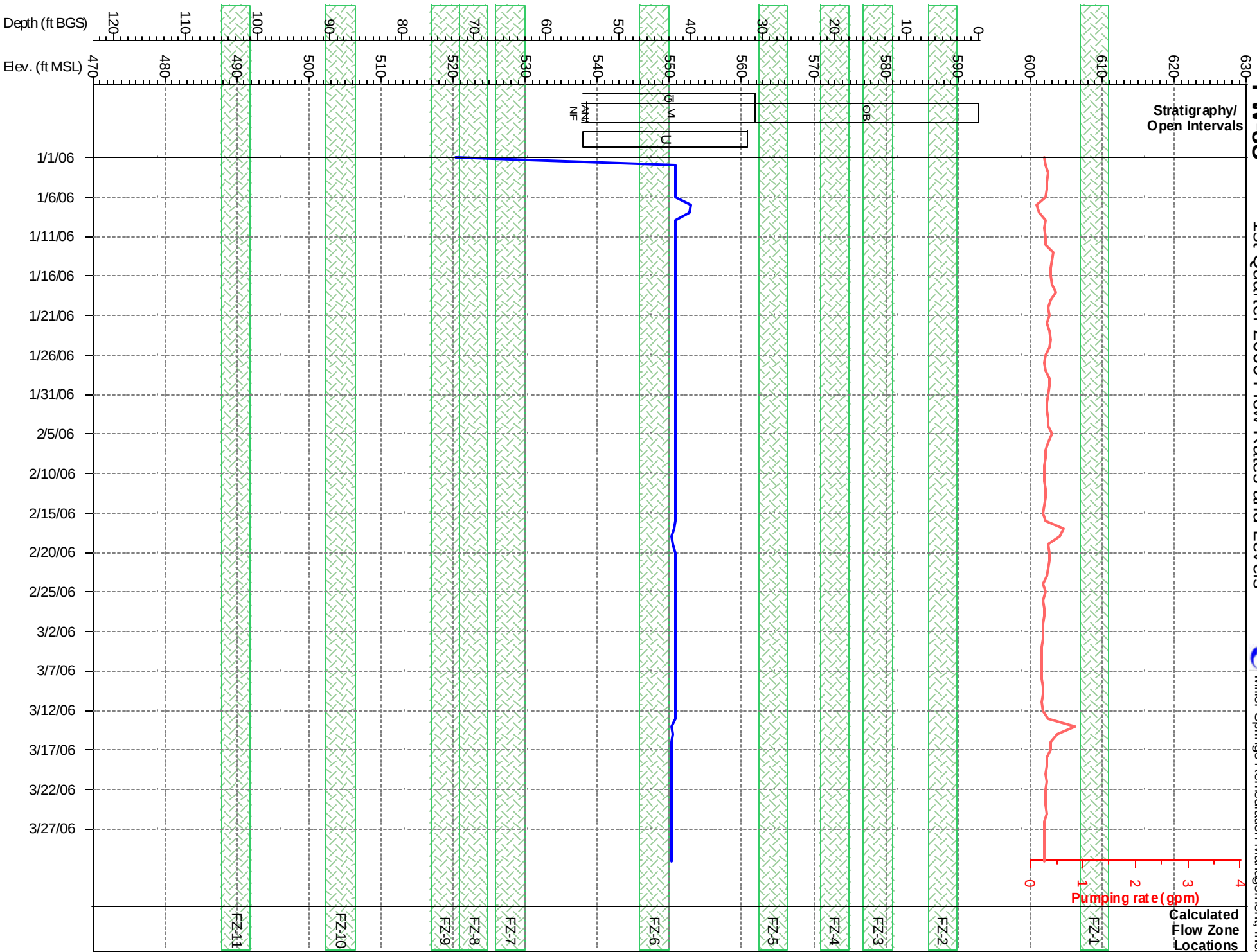


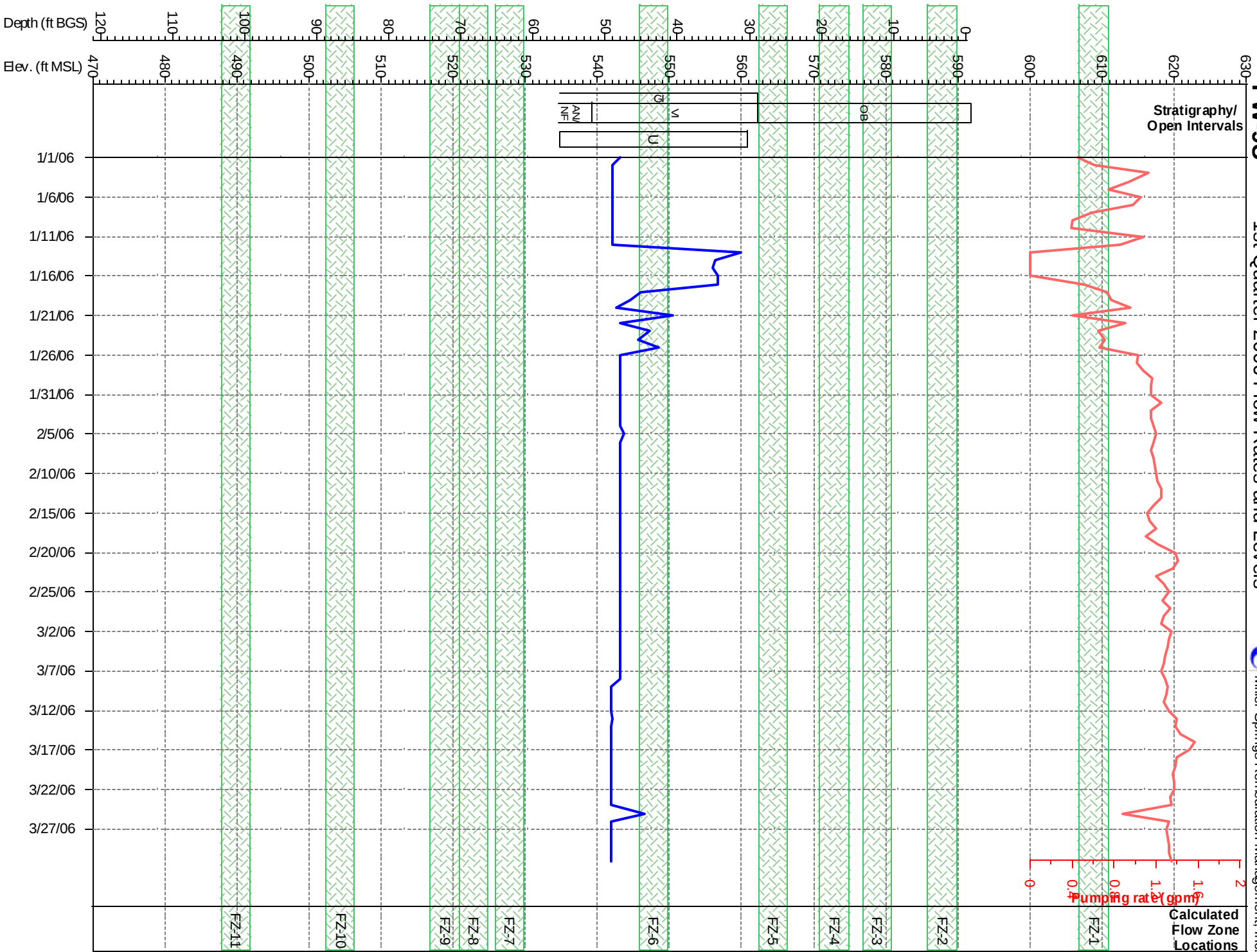


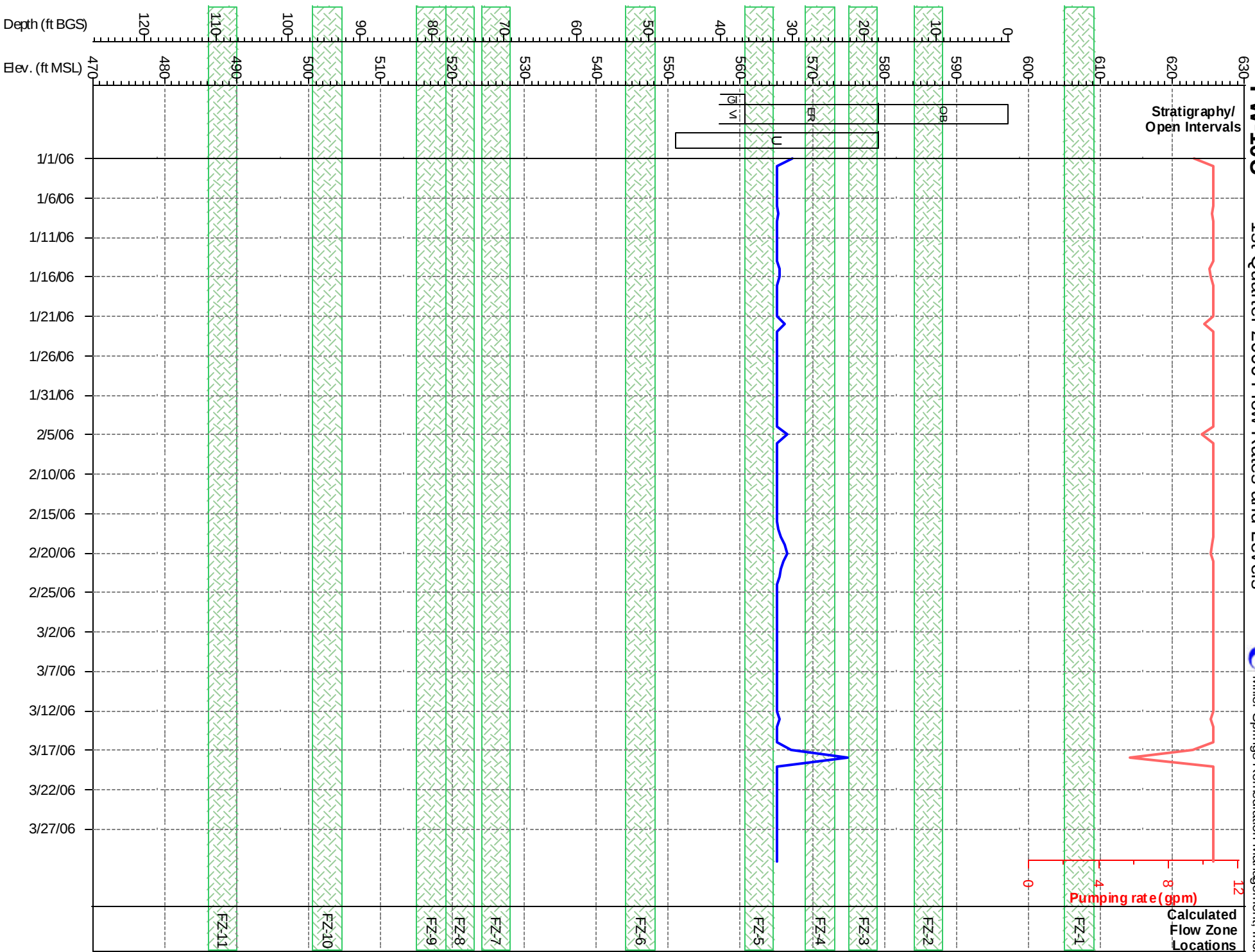












ATTACHMENT 2

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

Date	Effluent			Comments
	Phenol (mg/L)	pH (su)	Flow (gal)	
01/01/06	-	-	-	
01/02/06	-	7	328,000	
01/03/06	0.050	7.01	345,000	
01/04/06	0.040	7	264,000	
01/05/06	0.053	6.98	215,000	
01/06/06	0.037	6.99	255,000	
01/07/06	-	-	-	
01/08/06	-	-	-	
01/09/06	0.075	6.8	357,000	
01/10/06	0.042	7.1	252,000	
01/11/06	0.041	6.99	148,000	
01/12/06	0.033	7.1	149,000	
01/13/06	0.034	6	204,000	
01/14/06	-	-	-	
01/15/06	-	-	-	
01/16/06	0.033 J	7	280,000	
01/17/06	0.024 UJ	6.89	152,000	
01/18/06	0.078 J	6.9	224,000	
01/19/06	0.041 J	6.93	290,000	
01/20/06	0.067 J	6.89	332,000	
01/21/06	-	-	-	
01/22/06	-	-	-	
01/23/06	0.022	6.78	362,000	
01/24/06	0.0080 J	6.9	305,000	
01/25/06	0.030	6.96	252,000	
01/26/06	0.027	6.92	170,000	
01/27/06	0.086	6.95	156,000	
01/28/06	-	-	-	
01/29/06	-	-	-	
01/30/06	0.088 J	6.8	341,000	
01/31/06	0.035 UJ	6.98	357,000	

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

Date	Effluent			Comments
	Phenol (mg/L)	pH (su)	Flow (gal)	
02/01/06	0.087	6.99	308,000	
02/02/06	0.047	6.88	180,000	
02/03/06	0.16	6.91	273,000	
02/04/06	-	-	-	
02/05/06	-	-	-	
02/06/06	0.13	6.99	352,000	
02/07/06	0.039	6.99	347,000	
02/08/06	0.093	6.91	290,000	
02/09/06	0.18	6.94	169,000	
02/10/06	0.21	7.04	150,000	
02/11/06	-	-	-	
02/12/06	-	-	-	
02/13/06	0.17	7.07	391,000	
02/14/06	0.022	6.99	168,000	
02/15/06	-	6.93	165,000	
02/16/06	0.021	7	182,000	
02/17/06	0.0070 J	6.94	404,000	
02/18/06	-	-	-	
02/19/06	-	-	-	
02/20/06	-	7.01	241,000	
02/21/06	0.0070 J	7	389,000	
02/22/06	0.010 U	6.93	246,000	
02/23/06	0.010 U	7.03	159,000	
02/24/06	0.010 U	6.98	161,000	
02/25/06	-	-	-	
02/26/06	-	-	-	
02/27/06	0.014 U	6.78	214,000	
02/28/06	0.044	7.09	300,000	

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

Date	Effluent			Comments
	Phenol (mg/L)	pH (su)	Flow (gal)	
03/01/06	0.010 U	7	151,000	
03/02/06	0.010 U	7.09	116,000	
03/03/06	0.010 U	6.99	122,000	
03/04/06	-	-	-	
03/05/06	-	-	-	
03/06/06	0.0090 J	6.78	167,000	
03/07/06	0.0060 J	6.92	171,000	
03/08/06	0.012 J	7	164,000	
03/09/06	0.013 J	6.99	176,000	
03/10/06	0.022 J	6.93	132,000	
03/11/06	-	-	-	
03/12/06	-	-	-	
03/13/06	0.022	6.87	258,000	
03/14/06	0.029	6.6	397,000	
03/15/06	0.031	6.65	375,000	
03/16/06	0.010 U	6.82	212,000	
03/17/06	0.014	6.7	262,000	
03/18/06	-	-	-	
03/19/06	-	-	-	
03/20/06	0.0070 J	6.81	226,000	
03/21/06	0.0060 J	6.78	316,000	
03/22/06	0.0090 J	6.65	151,000	
03/23/06	0.018	6.5	130,000	
03/24/06	0.010	6.52	120,000	
03/25/06	-	-	-	
03/26/06	-	-	-	
03/27/06	0.025	6.56	175,000	
03/28/06	0.010	7.2	177,000	
03/29/06	0.010 U	6.99	171,000	
03/30/06	0.012	6.82	125,000	
03/31/06	0.0076 J	6.32	111,000	

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
FIRST QUARTER - 2006
HYDE PARK RRT PROGRAM

Effluent

Parameter	Units	Treatment		01/06/06	01/13/06	01/16/06	01/27/06	01/31/06	02/03/06	02/06/06	02/17/06
		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	1.0 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	1.0 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	1.0 U
2-Chlorotoluene	ug/L	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.16 J	0.50 J	0.97 J	0.16 J
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	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	0.46 J	1.0 U
Chlorobenzene	ug/L	10	1.0 U	1.0 U	0.28 J	0.59 J	1.0	2.4	3.7	1.3	
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	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	0.24 J	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	0.29 J	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	1.0 U
Trichloroethene	ug/L	10	1.0 U	1.0 U	0.87 J	0.77 J	1.4	3.9	3.1	1.1	

Parameter	Units	Treatment		02/21/06	02/28/06	03/03/06	03/10/06	03/17/06	03/24/06	03/31/06
		Level								
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
1,2,4-Trichlorobenzene	ug/L	-		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trichlorobenzene	ug/L	-		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
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
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
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
Chlorobenzene	ug/L	10		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	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
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
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
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
Trichloroethene	ug/L	10		1.0 U	1.0 U	1.0 U	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
WEEKLY SAMPLING - LEACHATE TREATMENT SYSTEM
FIRST QUARTER - 2006
HYDE PARK RRT PROGRAM

Interstage C

Parameter	Units	Level	01/16/2006	01/23/2006	01/30/2006	02/06/2006	02/13/2006	02/27/2006	03/06/2006
Volatiles									
1,2,3-Trichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	3.0 U	3.0 U	2.0 U	5.1
1,2,4-Trichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	3.0 U	2.0 U	6.4
1,3,5-Trichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	3.0 U	3.0 U	2.0 U	3.0 U
2-Chlorotoluene	ug/L	10	1.0 U	1.0	4.6	9.7	20	11	7.5
3-Chlorotoluene	ug/L	10	1.0 U	1.0 U	1.0 U	3.0 U	3.0 U	2.0 U	3.0 U
4-Chlorotoluene	ug/L	10	1.0 U	1.0 U	1.3	3.1	7.5 J	4.9	3.1
Chlorobenzene	ug/L	10	1.0 U	8.9	26	41	80	69	48
m-Monochlorobenzotrifluoride	ug/L	10	1.0 U	0.22 J	1.0 U	0.99 J	2.6 J	2.0 U	0.97 J
o-Monochlorobenzotrifluoride	ug/L	10	1.0 U	0.58 J	2.3	3.3	7.4 J	4.4	2.8 J
p-Monochlorobenzotrifluoride	ug/L	10	1.0 U	0.51 J	1.9	2.9	6.7 J	4.0	2.1 J
Tetrachloroethene	ug/L	10	1.0 U	1.0 U	0.56 J	0.69	1.3 J	0.96 J	3.0 U
Trichloroethene	ug/L	10	0.37 J	13	23	34	56	62	33

Notes:

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

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

Leachate Feed

Parameter	Units	Level	January 2006	February 2006	March 2006
Volatiles					
1,1,1-Trichloroethane	ug/L	-	50 U	50 U	30 U
1,1,2,2-Tetrachloroethane	ug/L	-	50 U	100	94
1,1,2-Trichloroethane	ug/L	-	14 J	11 J	6.7 J
1,1-Dichloroethane	ug/L	-	50 U	50 U	30 U
1,1-Dichloroethene	ug/L	-	50 U	50 U	30 U
1,2,4-Trichlorobenzene	ug/L	-	260	300	200
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	50 U	50 U	30 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/L	-	50 U	50 U	30 U
1,2-Dichlorobenzene	ug/L	-	64	55	41
1,2-Dichloroethane	ug/L	-	31 J	50 U	30 U
1,2-Dichloropropane	ug/L	-	50 U	50 U	30 U
1,3-Dichlorobenzene	ug/L	-	17 J	13 J	13 J
1,4-Dichlorobenzene	ug/L	-	69	53	43
2-Butanone (Methyl Ethyl Ketone)	ug/L	-	250 U	250 U	150 U
2-Hexanone	ug/L	-	250 U	250 U	150 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/L	-	250 U	250 U	150 U
Acetone	ug/L	-	190 J	150 J	150
Benzene	ug/L	-	140	110	120
Bromodichloromethane	ug/L	-	50 U	50 U	30 U
Bromoform	ug/L	-	50 U	50 U	30 U
Bromomethane (Methyl Bromide)	ug/L	-	50 U	50 U	30 U
Carbon disulfide	ug/L	-	17 J	50 U	13 J
Carbon tetrachloride	ug/L	-	40 J	37 J	28 J
Chlorobenzene	ug/L	-	510	410	330
Chloroethane	ug/L	-	50 U	50 U	30 U
Chloroform (Trichloromethane)	ug/L	-	400	280	260
Chloromethane (Methyl Chloride)	ug/L	-	50 U	50 U	30 U
cis-1,2-Dichloroethene	ug/L	-	210	97	170
cis-1,3-Dichloropropene	ug/L	-	50 U	50 U	30 U
Cyclohexane	ug/L	-	50 U	50 U	30 U
Dibromochloromethane	ug/L	-	50 U	50 U	30 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	50 U	50 U	30 U
Ethylbenzene	ug/L	-	180	140	120
Isopropylbenzene	ug/L	-	50 U	50 U	30 U
m&p-Xylene	ug/L	-	630	520	410
Methyl acetate	ug/L	-	50 U	50 U	30 U
Methyl cyclohexane	ug/L	-	50 U	50 U	30 U
Methyl Tert Butyl Ether	ug/L	-	50 U	50 U	30 U
Methylene chloride	ug/L	-	22 J	50 U	12 J
o-Xylene	ug/L	-	320	270	210
Styrene	ug/L	-	50 U	50 U	30 U
Tetrachloroethene	ug/L	-	430	350	240
Toluene	ug/L	-	970	800	650
trans-1,2-Dichloroethene	ug/L	-	50 U	50 U	30 U
trans-1,3-Dichloropropene	ug/L	-	50 U	50 U	30 U
Trichloroethene	ug/L	-	450	300	320
Trichlorofluoromethane (CFC-11)	ug/L	-	50 U	50 U	30 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	50 U	50 U	30 U
Vinyl chloride	ug/L	-	12 J	50 U	11 J

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

Leachate Feed

Parameter	Units	Level	January 2006	February 2006	March 2006
Semi-Volatiles					
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	ug/L	-	200 U	19 U	19 U
2,4,5-Trichlorophenol	ug/L	-	360	230 J	230
2,4,6-Trichlorophenol	ug/L	-	200 U	7.1 J	19 U
2,4-Dichlorophenol	ug/L	-	200 U	170 J	80
2,4-Dimethylphenol	ug/L	-	200 U	19 U	19 U
2,4-Dinitrophenol	ug/L	-	980 U	94 U	94 U
2,4-Dinitrotoluene	ug/L	-	200 U	19 U	19 U
2,6-Dinitrotoluene	ug/L	-	200 U	19 U	19 U
2-Chloronaphthalene	ug/L	-	200 U	19 U	19 U
2-Chlorophenol	ug/L	-	200 U	9.2 J	19 U
2-Methylnaphthalene	ug/L	-	200 U	19 U	19 U
2-Methylphenol	ug/L	-	200 U	12 J	16 J
2-Nitroaniline	ug/L	-	980 U	94 U	94 U
2-Nitrophenol	ug/L	-	200 U	19 U	19 U
3,3'-Dichlorobenzidine	ug/L	-	980 U	94 U	94 U
3-Nitroaniline	ug/L	-	980 U	94 U	94 U
4,6-Dinitro-2-methylphenol	ug/L	-	980 U	94 U	94 U
4-Bromophenyl phenyl ether	ug/L	-	200 U	19 U	19 U
4-Chloro-3-methylphenol	ug/L	-	200 U	19 U	2.0 J
4-Chloroaniline	ug/L	-	200 U	19 U	19 U
4-Chlorophenyl phenyl ether	ug/L	-	200 U	19 U	19 U
4-Methylphenol	ug/L	-	200 U	8.0 J	3.4 J
4-Nitroaniline	ug/L	-	980 U	94 U	94 U
4-Nitrophenol	ug/L	-	980 U	94 U	94 U
Acenaphthene	ug/L	-	200 U	19 U	19 U
Acenaphthylene	ug/L	-	200 U	19 U	19 U
Acetophenone	ug/L	-	200 U	19 U	19 U
Anthracene	ug/L	-	200 U	19 U	19 U
Atrazine	ug/L	-	200 U	19 U	19 U
Benzaldehyde	ug/L	-	200 U	19 U	8.8 J
Benzo(a)anthracene	ug/L	-	200 U	19 U	19 U
Benzo(a)pyrene	ug/L	-	200 U	19 U	19 U
Benzo(b)fluoranthene	ug/L	-	200 U	19 U	19 U
Benzo(g,h,i)perylene	ug/L	-	200 U	19 U	19 U
Benzo(k)fluoranthene	ug/L	-	200 U	19 U	19 U
Biphenyl	ug/L	-	200 U	19 U	19 U
bis(2-Chloroethoxy)methane	ug/L	-	200 U	19 U	19 U
bis(2-Chloroethyl)ether	ug/L	-	200 U	19 U	19 U
bis(2-Ethylhexyl)phthalate	ug/L	-	200 U	19 U	19 U
Butyl benzylphthalate	ug/L	-	200 U	19 U	19 U
Caprolactam	ug/L	-	200 U	19 U	19 U
Carbazole	ug/L	-	200 U	19 U	19 U
Chrysene	ug/L	-	200 U	19 U	19 U
Dibenz(a,h)anthracene	ug/L	-	200 U	19 U	19 U
Dibenzofuran	ug/L	-	200 U	19 U	19 U
Diethyl phthalate	ug/L	-	200 U	19 U	19 U
Dimethyl phthalate	ug/L	-	200 U	19 U	19 U
Di-n-butylphthalate	ug/L	-	200 U	19 U	19 U
Di-n-octyl phthalate	ug/L	-	200 U	19 U	19 U
Fluoranthene	ug/L	-	200 U	19 U	19 U
Fluorene	ug/L	-	200 U	19 U	19 U
Hexachlorobenzene	ug/L	-	200 U	16 J	19 U
Hexachlorobutadiene	ug/L	-	200 U	24	18 J

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

Leachate Feed

Parameter	Units	Level	January 2006	February 2006	March 2006
Semi-Volatiles (cont)					
Hexachlorocyclopentadiene	ug/L	-	980 U	94 U	94 U
Hexachloroethane	ug/L	-	200 U	19 U	19 U
Indeno(1,2,3-cd)pyrene	ug/L	-	200 U	19 U	19 U
Isophorone	ug/L	-	200 U	19 U	19 U
Naphthalene	ug/L	-	200 U	19 U	19 U
Nitrobenzene	ug/L	-	200 U	19 U	19 U
N-Nitrosodi-n-propylamine	ug/L	-	200 U	19 U	19 U
N-Nitrosodiphenylamine	ug/L	-	200 U	19 U	19 U
Pentachlorophenol	ug/L	-	980 U	94 U	94 U
Phenanthrene	ug/L	-	200 U	19 U	19 U
Phenol	ug/L	-	250	2300	6.4 J
Pyrene	ug/L	-	200 U	19 U	19 U
General Chemistry					
Total Organic Carbon (TOC)	mg/L	-	18.2	19.0	12.5
Phenolics (Total)	mg/L	-	0.24	3.6	1.7 J

Sacrificial Carbon Bed Interstage

Parameter	Units	Treatment Level	January 2006
PCBs			
Pentachlorobiphenyl	ug/L	-	0.1 U
Tetrachlorobiphenyl	ug/L	-	0.1 U
Trichlorobiphenyl	ug/L	-	0.05 U
Dioxin Furans			
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	-	220

Effluent

Parameter	Units	Treatment Level	January 2006
Phosphorus	mg/L	-	0.10 U

Notes:

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