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July 17, 2006

Mr. David Chiusano
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625 Broadway
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Subject: **SMC- Maestri Site**
Site #7-34-025, Onondaga County

Dear Mr. Chiusano:

SPEC Consulting, LLC has prepared the enclosed Quarterly Report, on behalf of Stauffer Management Company, detailing the operations of the groundwater recovery system during the period April through June 2006 at the Maestri Site.

Should you have any questions regarding this submittal please contact me at (518) 438-6809.

Sincerely,

Amy Lawrence

Amy Lawrence
Environmental Engineer

Enc.

cc: R. Shay- SMC
P. Ekoniak- SMC
J. Abraham- SMC

**STAUFFER MANAGEMENT COMPANY
MAESTRI SITE
GEDDES, NEW YORK
GROUNDWATER COLLECTION
SYSTEM OPERATIONS REPORT
April–June 2006**

Prepared for:

**Stauffer Management Co.
1800 Concord Pike
Wilmington, DE 19850-5437**

Prepared by:



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SPEC Consulting Project 98-066c

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MAESTRI SITE
Groundwater Collection System Operations Report
April-June 2006

Introduction

The following is a report on the operation of the groundwater collection system at the Maestri Site for the period of April-June 2006, which includes a discussion on the following areas:

- Groundwater Capture
- Hydraulic Effectiveness
- Groundwater Quality
- Discharge Monitoring Reports

A site map showing the location of monitoring wells, recovery wells, and piezometers is provided as Figure 1.

Groundwater Capture

Weekly, or monthly (beginning June 2006), groundwater level measurements are taken at 5 recovery wells, 5 shallow monitoring wells, and 14 piezometers at the site. Groundwater elevation data is presented in the attached Tables 1A, 1B, and 1C for April, May, and June 2006.

Representative piezometer data from April, May, and June have been analyzed by the SURFER computer model and plotted on attached Figures 2A, 2B and 2C to show the equipotential contours of the piezometric surface. These indicate that the recovery well system is effectively capturing groundwater across the site. The shapes of the groundwater contours are similar from month to month, but the piezometric surface level shifts due to seasonal conditions. Due to the removal of the off-site shallow monitoring wells, contours do not extend past RW-6. The elevations around the recovery well line remains relatively constant indicating that flow through the site is being captured.

Hydraulic Effectiveness

The changes in aquifer thickness with time for various portions of the site are shown on attached Figure 3 for the purpose of evaluating aquifer dewatering. Data is plotted for the current quarter and the previous eight quarters to show longer-term trends. The aquifer thickness was calculated by subtracting the elevation of the top of the till at several representative boreholes from the groundwater surface elevation. Monitoring well MW-10 was used as being representative of upgradient conditions and how groundwater level would change due to natural (i.e. seasonal) fluctuations. In the same manner MW-20 was representative of downgradient conditions. Though MW-20 has been removed, aquifer thickness variation at this location was minimal. The past MW-20 elevations will be left on the graph for reference and will not be extrapolated. Four piezometers PZ-9, PZ-12, PZ-14 and PZ-18 were chosen to show the aquifer thickness along the intercept well line across the property. These piezometers are located between each of the five recovery wells on the site. (Traveling the intercept well line from southeast to northwest PZ-9 is between RW-5 and MW-2A (RW-2); PZ-12 is between MW-2A (RW-2) and RW-4; PZ-14 is between RW-4 and RW-1; and PZ-18 is between RW-1 and RW-3.) RW-1 and RW-4 were removed during remedial activities at the site and are shown on Figure 1 of the site map for reference purposes.

The aquifer thickness at the on-site wells continues to reflect seasonal trends. The groundwater recovery system operated at typical flow rates for the second quarter. Discharge rates are presented in Table 2 and Figure 4.

Groundwater Quality

In order to observe long-term trends, monthly (or quarterly) groundwater samples are taken from specific wells (MW-2A, RW-3, RW-5, RW-6, RW-7, and RW-8) and analyzed for total xylene. Data from 1994 is summarized in Table 3 and plotted in Figures 5-10. The laboratory analytical results for April, May, and June are provided as Attachment 1. Xylene concentrations were within their historical range for all of the recovery wells. Three of the six wells (RW-3, 5, 8) exhibited non-detect xylene concentrations for April, May, and June. RW-7 exhibited xylene concentrations below the published groundwater standards in April and May 2006. The MW-2A (RW-2) xylene analytical results were 2070 to 2400 ppb for April and May, respectively.

For the site in general, the recovery well xylene groundwater concentrations have been reduced substantially since operation of the groundwater recovery system (refer to attached Figures 5

through 10). Xylene concentrations in four of the six recovery wells dropped below detection limit at least once over the April-June 2006 reporting period. RW-8 has been non-detect for the past 37 months. Consequently, NYSDEC has granted approval to discontinue monitoring RW-8. Although xylene concentrations at MW-2A (RW-2) have decreased since 1994, they still average approximately 3 ppm. Concentration spikes generally correlate with fluctuations in the groundwater elevations as shown on Figure 11. Off-site monitoring wells MW-15, 16, 17, 18, 19 and 20 have showed no detectable concentrations of VOCs and SVOCs analyzed. These off-site wells were removed in 2004 under NYSDEC approval.

With the exception of MW-2A (for which additional remedial work has been completed), the recovery wells indicate that the groundwater treatment system has effectively achieved the groundwater remediation goals. As stipulated in the ROD, the onsite groundwater treatment system is to be operated and evaluated annually until “concentrations of site contaminants can no longer be effectively removed or cleanup objectives are met.” To enhance local groundwater remediation and remove possible residual contamination in the immediate vicinity of RW-2, SMC over-drilled and removed RW-2, installed a 39-inch caisson, augered soil within the caisson, removed the caisson, re-set the well, and backfilled the area with size 1 and 2 stone mixed with nutrients and bacteria. Upon completion of this work, the well was renamed MW-2A. This work was conducted during the week of April 24-28, 2006, under the approved “Proposal for Groundwater Remedial Activities at RW-2” work plan. A report summarizing the MW-2A (RW-2) remedial activities is being prepared for submittal to NYSDEC in July 2006. Quarterly monitoring will provide the basis for determining whether additional remedial work is warranted.

Discharge Monitoring Reports

The discharge monitoring reports for the treated groundwater for this quarter are presented as Attachment 2. The modified equivalent SPDES permit (effective September 1, 2000) reduced the sampling frequency to once per month, in addition to reducing the number of parameters requiring analysis. All SPDES parameters were within the permit limits for this monitoring period.

Table 1A - Groundwater Elevations - April 2006

Well No	4/4/2006	4/11/2006	4/18/2006	4/25/2006
MW-9	8.40	11.40	10.70	8.50
MW-10	4.20	5.00	5.10	3.70
MW-12	6.70	7.10	7.15	6.10
MW-14	12.80	13.80	14.00	12.40
PZ-2	7.30	9.30	8.70	7.80
PZ-3	11.60	11.90	11.40	8.75
PZ-4	4.80	5.70	5.00	3.70
PZ-5	4.30	4.95	4.40	2.80
PZ-6	11.10	11.20	10.60	8.70
PZ-7	11.70	12.00	11.30	9.10
PZ-9	11.50	11.90	11.50	9.00
PZ-10	10.30	10.90	10.10	8.10
PZ-12	10.80	12.70	12.05	10.20
PZ-13	8.30	12.60	11.80	9.30
PZ-14	9.20	9.30	9.10	8.50
PZ-15	14.20	14.50	14.50	13.65
PZ-18	14.05	14.40	14.20	13.60
PZ-19	14.00	14.10	14.00	13.10
MW-2A (RW-2)	16.30	16.40	15.80	11.30
RW-3	19.60	20.40	20.40	14.20
RW-5	20.70	21.10	21.50	8.30
RW-6	13.60	11.30	9.00	4.70
RW-7	20.40	17.00	17.70	12.90
RW-8	21.40	21.10	12.20	10.40

Table 1B - Groundwater Elevations - May 2006

Well No	5/2/2006	5/9/2006	5/16/2006	5/23/2006	5/30/2006
MW-9	12.55	13.30	13.40	13.80	14.10
MW-10	11.00	11.90	12.00	12.30	12.70
MW-12	5.70	7.15	7.50	8.10	8.50
MW-14	7.20	8.25	8.60	9.00	9.30
PZ-2	13.40	14.20	14.60	14.70	15.50
PZ-3	10.20	11.25	10.00	9.10	11.10
PZ-4	11.60	12.30	12.70	13.20	13.50
PZ-5	6.00	6.65	6.70	6.70	7.90
PZ-6	5.20	5.75	5.70	5.70	6.30
PZ-7	10.60	11.50	12.00	12.70	13.00
PZ-9	11.65	12.45	12.80	13.30	13.50
PZ-10	11.50	12.40	12.60	13.00	13.30
PZ-12	10.40	11.20	11.40	11.80	12.20
PZ-13	13.70	13.90	13.40	11.10	14.10
PZ-14	13.80	13.70	13.50	13.00	14.05
PZ-15	9.80	11.00	10.00	9.80	11.00
PZ-18	14.35	15.50	15.60	15.80	16.60
PZ-19	14.60	15.45	15.70	15.90	16.60
MW-2A (RW-2)	14.35	15.20	15.50	15.70	15.40
RW-3	20.40	19.10	20.60	20.30	18.75
RW-5	21.50	21.00	21.70	20.50	21.30
RW-6	15.40	13.50	14.20	13.30	9.80
RW-7	19.70	20.10	19.70	15.10	19.90
RW-8	21.00	22.30	21.60	21.30	21.10

Table 1C - Groundwater Elevations - June 2006

Well No	6/6/2006
MW-9	14.20
MW-10	12.90
MW-12	8.80
MW-14	9.50
PZ-2	15.70
PZ-3	11.50
PZ-4	13.60
PZ-5	8.10
PZ-6	6.50
PZ-7	13.30
PZ-9	13.60
PZ-10	13.50
PZ-12	12.00
PZ-13	14.20
PZ-14	14.10
PZ-15	11.30
PZ-18	16.80
PZ-19	16.80
MW-2A (RW-2)	15.50
RW-3	19.20
RW-5	20.90
RW-6	13.40
RW-7	19.20
RW-8	21.20

TABLE 2		
Groundwater Treatment System Flowrates		
Month	Average Daily Flowrate	Maximum Daily Flowrate
	gpd	gpd
Oct-98	1645	2192
Nov-98	1424	2053
Dec-98	1968	2305
Jan-99	2104	4846
Feb-99	2431	3354
Mar-99	3241	5652
Apr-99	2733	3619
May-99	1729	2126
Jun-99	1435	1671
Jul-99	1959	3052
Aug-99	1359	1556
Sep-99	1546	3785
Oct-99	1884	3577
Nov-99	1499	3561
Dec-99	2621	4605
Jan-00	2197	4068
Feb-00	2138	4682
Mar-00	3024	5316
Apr-00	3462	6486
May-00	2636	3955
Jun-00	2096	2932
Jul-00	1843	2790
Aug-00	1611	1847
Sep-00	1264	1595
Oct-00	1040	1383
Nov-00	1051	1841
Dec-00	1073	1774
Jan-01	1132	1677
Feb-01	1806	3788
Mar-01	3309	4596
Apr-01	2788	4287
May-01	1416	2143
Jun-01	1151	1588
Jul-01	1078	1393
Aug-01	936	1129
Sep-01	1177	2350
Oct-01	726	1221
Nov-01	620	1080
Dec-01	1793	3256
Jan-02	1580	1897
Feb-02	1582	2174
Mar-02	1838	2556
Apr-02	2048	2561
May-02	2564	3767
Jun-02	2299	3174
Jul-02	1746	2171
Aug-02	1240	1628
Sep-02	233	960
Oct-02	842	2490
Nov-02	1866	2729
Dec-02	1239	2093
Jan-03	1010	2486

TABLE 2		
Groundwater Treatment System Flowrates		
Month	Average Daily Flowrate	Maximum Daily Flowrate
	gpd	gpd
Feb-03	2067	2587
Mar-03	2585	3823
Apr-03	2242	2765
May-03	1631	2487
Jun-03	1445	2921
Jul-03	855	1551
Aug-03	857	1597
Sep-03	626	771
Oct-03	588	1678
Nov-03	1251	2531
Dec-03	1476	3217
Jan-04	2177	3170
Feb-04	1552	1829
Mar-04	2888	3835
Apr-04	2543	3489
May-04	1943	3432
Jun-04	1757	3299
Jul-04	1241	4329
Aug-04	1502	4556
Sep-04	1989	3072
Oct-04	822	1129
Nov-04	1050	1750
Dec-04	2070	3638
Jan-05	1825	4232
Feb-05	1186	2972
Mar-05	1974	7370
Apr-05	2743	6535
May-05	1161	3045
Jun-05	849	1294
Jul-05	518	648
Aug-05	301	445
Sep-05	284	471
Oct-05	977	2715
Nov-05	1242	2114
Dec-05	1687	2243
Jan-06	2479	3785
Feb-06	2364	4454
Mar-06	2055	3905
Apr-06	1688	3366
May-06	1116	1770
Jun-06	752	1065

TABLE 3
Total Xylene Concentrations for Recovery Wells

micrograms/liter								
Sample Date	RW-1	MW-2A (RW-2)	RW-3	RW-4	RW-5	RW-6	RW-7	RW-8
2-Aug-94	2538	12205	<3	7805	9438	886		
6-Sep-94	1463	7213	<3	4874	19066	2047		
4-Oct-94	1440	5211	<3	12573	15800	638		
1-Nov-94	1401	4907	<3	16334	29474	797		
6-Dec-94	1982	1092	<3	7600	4200	172		
3-Jan-95	1400	2020	12	13000	26000	523		
7-Feb-95	2400	2500	<3	8500	19700	695		
7-Mar-95	3174	1675	<3	7764	16890	339		
4-Apr-95	3710	4750	<3	11000	12400	990		
2-May-95	2700	5800	<3	10700	10300	1140		
6-Jun-95	2300	5900	<3	9700	12200	1300		
11-Jul-95	3425	2620	<3	9370	13900	1625		
1-Aug-95	2500	3500	<3	11900	9150	1200		
5-Sep-95	2340	2340	<3	11100	8200	1330		
6-Oct-95	5600	2880	<3	16100	8100	1400		
7-Nov-95	3200	3750	<3	6750	13330	590		
5-Dec-95	3795	2850	<3	7410	37400	466		
2-Jan-96	3035	3380	<3	3700	13870	740		
6-Feb-96	4270	6270	4.7	10160	11750	720		
5-Mar-96	6075	4380	6.7	12765	10986	1090		
2-Apr-96	4000	16900	1060	14400	8100	1270		
7-May-96	5700	17000	280	16640	9940	1620		
4-Jun-96	5300	17500	860	18400	8075	2330		
2-Jul-96	2460	15290	270	10000	5950	2400		
6-Aug-96	3800	16200	25	14630	6810	3300		
3-Sep-96	2130	12840	<3	8340	4350	1150		
1-Oct-96	11170	11950	<3	1600	2580	1275		
5-Nov-96	2050	11055	<3	2600	920	1040		
3-Dec-96	13300	2340	<3	**	1350	1170		
7-Jan-97	580		<3	**		66		
5-Feb-97	**	105	<3	**	990	760		
4-Mar-97	**	1010	<3	**	930	1110		
1-Apr-97	**	915	37	**	591	830		
6-May-97	**	8000	33	**	1010	680		
3-Jun-97	**	16400	42	**	710	8700		
1-Jul-97	**	11600	36	**	490	117		
5-Aug-97	**	5400	24	**	220	470		
2-Sep-97	**	3000	6.5	**	53	220		
7-Oct-97	**	2700	240	**	190	200		
4-Nov-97	**	214	<3	**	133	169		
2-Dec-97	**	3790	16	**	***	340	220	<3
6-Jan-98	**	2100	<5	**	***	117	117	<3
3-Feb-98	**	6700	<3	**	***	26	119	<3
3-Mar-98	**	7500	<3	**	***	3	70	<3
7-Apr-98	**	3700	<3	**	***	90	98	<3
5-May-98	**	5900	<3	**	***	230	260	<3
2-Jun-98	**	6750	<3	**	***	254	214	<3
7-Jul-98	**	8300	<3	**	***	156	230	<3
4-Aug-98	**	6600	<3	**	***	329	245	<3
1-Sep-98	**	5500	<3	**	***	173	358	<3
6-Oct-98	**	7750	<3	**	***	23	300	<3
3-Nov-98	**	13500	<3	**	***	<3	280	<3
1-Dec-98	**	5500	<3	**	***	<5	121	<3

TABLE 3
Total Xylene Concentrations for Recovery Wells

micrograms/liter								
Sample Date	RW-1	MW-2A (RW-2)	RW-3	RW-4	RW-5	RW-6	RW-7	RW-8
5-Jan-99	**	9450	<3	**	***	<3	114	<3
2-Feb-99	**	14000	<3	**	***	22	643	<3
2-Mar-99	**	8300	<3	**	***	<3	112	<3
6-Apr-99	**	5700	<3	**	***	32	91	<3
4-May-99	**	5200	<3	**	***	101	196	<3
1-Jun-99	**	5000	<3	**	***	65	205	<3
6-Jul-99	**	8500	<3	**	***	88	97	<3
3-Aug-99	**	5450	<3	**	<3	<3	104	<3
7-Sep-99	**	7600	<3	**	<5	3.5	68	<3
5-Oct-99	**	10400	<3	**	<3	14	98	<3
1-Nov-99	**	3500	<3	**	3	89	260	<3
7-Dec-99	**	12280	<3	**	<3	29	230	<3
4-Jan-00	**	11140	<3	**	4.6	<3	25	<3
1-Feb-00	**	7800	<3	**	3	18	117	<3
7-Mar-00	**	2650	<3	**	3.3	<3	37	<3
4-Apr-00	**	2350	<3	**	18	<3	41	<3
2-May-00	**	3560	<3	**	43	<3	138	<3
6-Jun-00	**	1080	<3	**	<3	<3	138	<3
3-Jul-00	**	271	<3	**	<3	<3	209	<3
1-Aug-00	**	6260	<3	**	12	9.8	168	<3
5-Sep-00	**	6900	<3	**	<3	<3	299	7.7
3-Oct-00	**	7200	<3	**	<3	<3	160	<3
7-Nov-00	**	4200	<3	**	<3	8	174	<3
5-Dec-00	**	4750	<3	**	3.9	26	374	52
2-Jan-01	**	8100	<3	**	7.9	48	156	<3
6-Feb-01	**	8050	<3	**	92	30	960	<3
6-Mar-01	**	9200	<3	**	156	42	335	4.2
3-Apr-01	**	9350	<3	**	120	57	116	<3
1-May-01	**	3260	<3	**	58	<3	168	<3
4-Jun-01	**	8300	<3	**	<3	4.8	236	9
3-Jul-01	**	8900	<3	**	<3	6.4	252	<3
7-Aug-01	**	6900	<3	**	<3	<3	82	11 [†]
4-Sep-01	**	5420	<3	**	<3	<3	178	<3
2-Oct-01	**	5675	<3	**	<3	20	138	77
6-Nov-01	**	435	<3	**	<3	11	170	<3
4-Dec-01	**	675	<3	**	4.2	8.8	255	19
2-Jan-02	**	1605	<3	**	4	7.5	237	<3
12-Feb-02	**	3086	<3	**	27	13	146	<3
5-Mar-02	**	4573	<3	**	97	80	281	<3
2-Apr-02	**	7284	<3.0	**	97	61	318	<3
7-May-02	**	7600	<3.0	**	170	32	216	<3
4-Jun-02	**	9639	<3.0	**	147	23	305	17
3-Jul-02	**	3918	<3.0	**	82	8.7	351	180
6-Aug-02	**	8299	<3.0	**	<3.0	<3.0	328	<3.0
2-Sep-02	**	9072	<3.0	**	<3.0	<3.0	295	<3.0
1-Oct-02	**	3961	<3.0	**	<3.0	<3.0	353	<3.0
5-Nov-02	**	2115	<3.0	**	14	<3.0	150	<3.0
3-Dec-02	**	1994	<3.0	**	<3.0	8.1	8.5	11
7-Jan-03	**	1575	6.5	**	33	14	266	<3.0
5-Feb-03	**	702	9.7	**	4	<3.0	54	<3.0
4-Mar-03	**	2552	18	**	59	17	94	<3.0
1-Apr-03	**	4111	<3.0	**	128	22	NS	14
7-May-03	**	1563	<3.0	**	198	19	71	7.6

TABLE 3
Total Xylene Concentrations for Recovery Wells

micrograms/liter								
Sample Date	RW-1	MW-2A (RW-2)	RW-3	RW-4	RW-5	RW-6	RW-7	RW-8
3-Jun-03	**	5995	<3.0	**	3.5	<3.0	<15	<3.0
1-Jul-03	**	4200	<6.0	**	22	43	289	<3.0
5-Aug-03	**	4191	<3.0	**	5.2	8.5	50	<3.0
2-Sep-03	**	3315	<3.0	**	<3.0	165	106	<3.0
7-Oct-03	**	3104	<3.0	**	<3.0	13	106	<3.0
4-Nov-03	**	3600	<3.0	**	<16	38	<38	<3.0
2-Dec-03	**	1871	<3.0	**	<3.0	<3.0	<3.0	<3.0
13-Jan-04	**	880	47	**	56	42	<75	<3.0
3-Feb-04	**	3530	17	**	17	50	162	<15
2-Mar-04	**	1973	4.5	**	9.8	87	<3.0	<3.0
6-Apr-04	**	9209	<7.5	**	80	170	1016	<3.0
4-May-04	**	7191	<15	**	7.9	<3.0	<15	<3.0
1-Jun-04	**	7053	<3.0	**	23	44	13	<3.0
13-Jul-04	**	2418	<3.0	**	<3.0	24	30	<3.0
3-Aug-04	**	2930	<15	**	<3.0	48	73	<3.0
7-Sep-04	**	3920	<15	**	144	<3.0	123	<3.0
5-Oct-04	**	2925	<15	**	<3.0	15	86	<3.0
2-Nov-04	**	4800	<3.0	**	<15	<3.0	197	<3.0
7-Dec-04	**	6305	<3	**	<3.0	49	76	<3.0
4-Jan-05	**	3400	<3.0	**	7.9	147	7.8	<3.0
1-Feb-05	**	3844	<3.0	**	5.8	25	175	<3.0
1-Mar-05	**	4190	<3.0	**	7.9	<3.0	39	<3.0
4-Apr-05	**	4160	<3.0	**	10	25	<3.0	<3.0
3-May-05	**	4647	<3.0	**	6.5	20	<3.0	<3.0
7-Jun-05	**	902	<7.5	**	<3.0	<3.0	110	<3.0
5-Jul-05	**	460	<3.0	**	<3.0	<3.0	146	<3.0
2-Aug-05	**	2222	<3.0	**	<3.0	<3.0	110	<3.0
5-Sep-05	**	2055	<3.0	**	<3.0	35	<15	<3.0
4-Oct-05	**	750	<3.0	**	<3.0	5.5	180	<3.0
1-Nov-05	**	2850	3.1	**	<3.0	<3.0	38	<3.0
6-Dec-05	**	4757	79	**	7.8	25	<15	<3.0
3-Jan-06	**	4640	<3.0	**	<3.0	45	<3.0	<3.0
9-Feb-06	**	3890	<3.0	**	8.4	70	INC	<3.0
7-Mar-06	**	6250	<3.0	**	<3.0	3.2	129	<3.0
4-Apr-06	**	2070	<3.0	**	<3.0	142	<30	<3.0
2-May-06	**	2400	<3.0	**	<3.0	58	<30	<3.0
6-Jun-06	**		<3.0	**	<3.0	9	102	<3.0

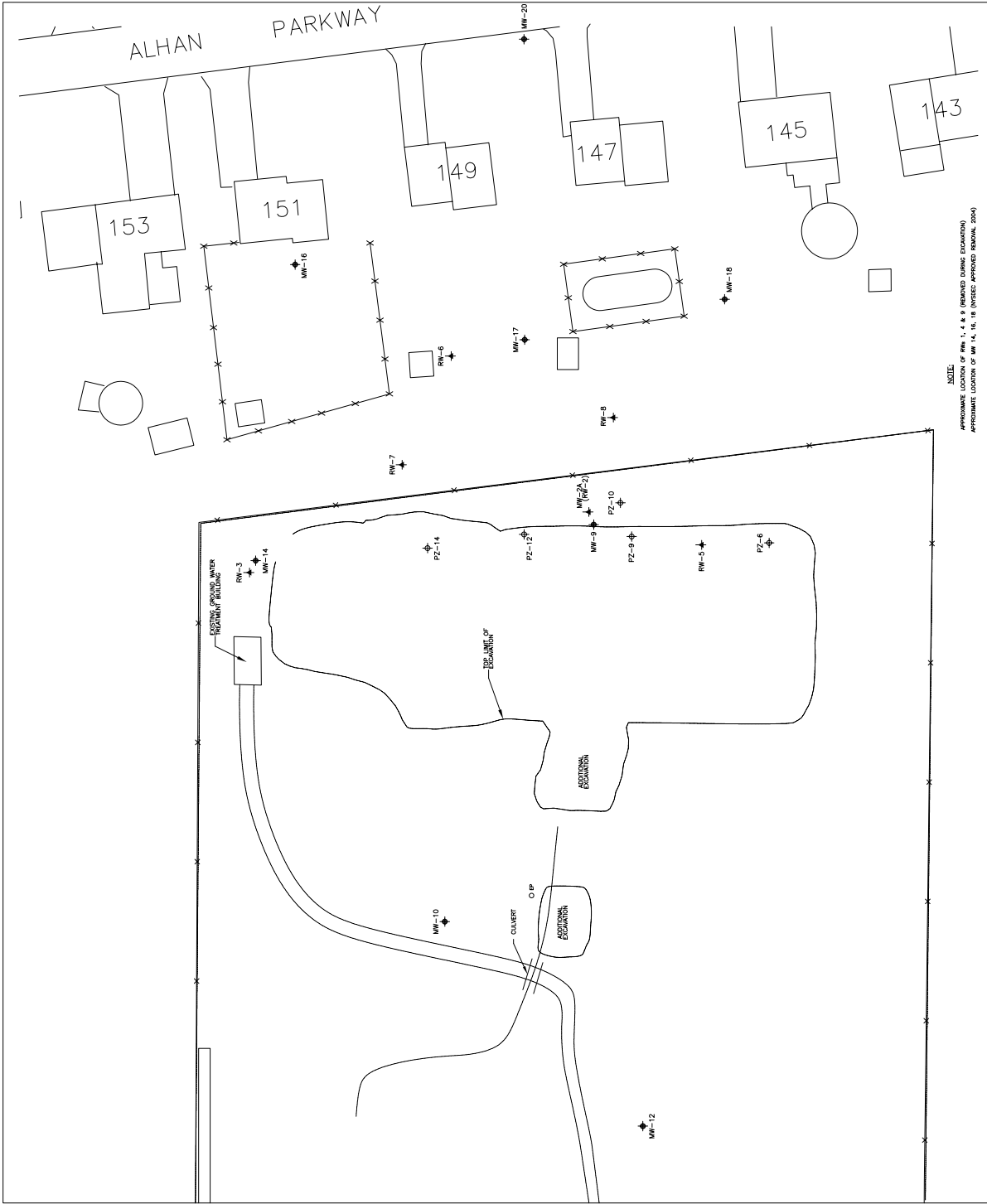
NS - Not Sampled

** - Wells No. 1 and 4 were removed as part of the excavation.

*** - Pump in Well 5 was moved to Well 8.

^t RW-8 sample on 8/7/2001 was resampled on 8/24/2001 due to original sample being cross contaminated

IMAGE	---	OFFICE	ALB	DRAWN BY	DEO	7-19-99	CHECKED BY	---	APPROVED BY	---	DRAWING NUMBER	SUMJUL99
-------	-----	--------	-----	----------	-----	---------	------------	-----	-------------	-----	----------------	----------



STAUFFER
MANAGEMENT COMPANY

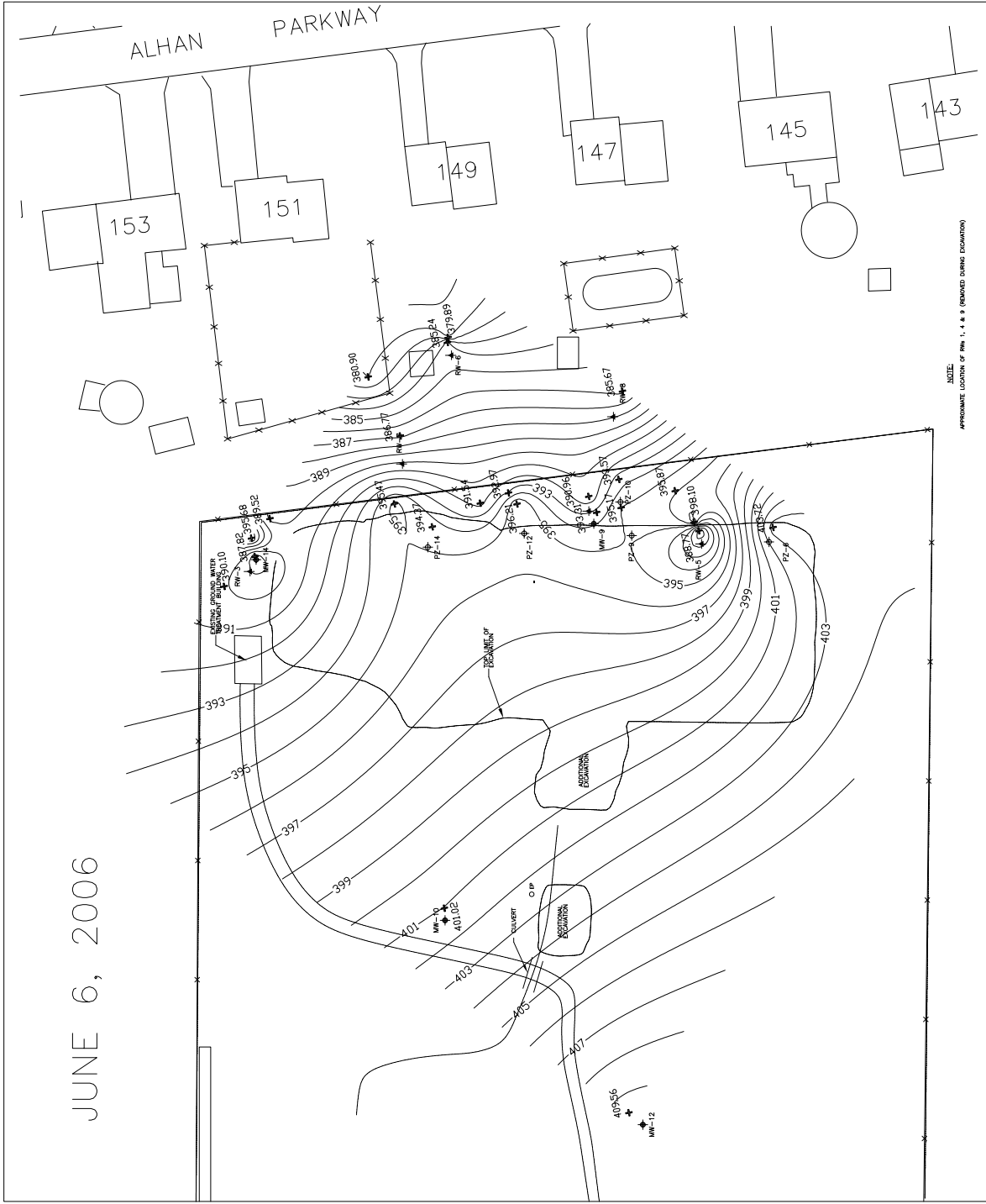
BASE MAP PROVIDED BY IT CORPORATION

FIGURE 1
SITE MAP

MAESTRI SITE
904 STATE FAIR BLVD.
GEDDES, NEW YORK

IMAGE	X-REF	OFFICE	ALB	DEO	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER	SUMJUL99
---	---	---	---	---	---	---	---	---	---

JUNE 6, 2006



STAUFFER
MANAGEMENT COMPANY
BASE MAP PROVIDED BY IT CORPORATION
FIGURE 2C OF
CONTOUR MAP OF
GROUNDWATER ELEVATIONS
MAESTRI SITE
904 STATE FAIR BLVD.
GEDDES, NEW YORK

Figure 3
Aquifer Thickness

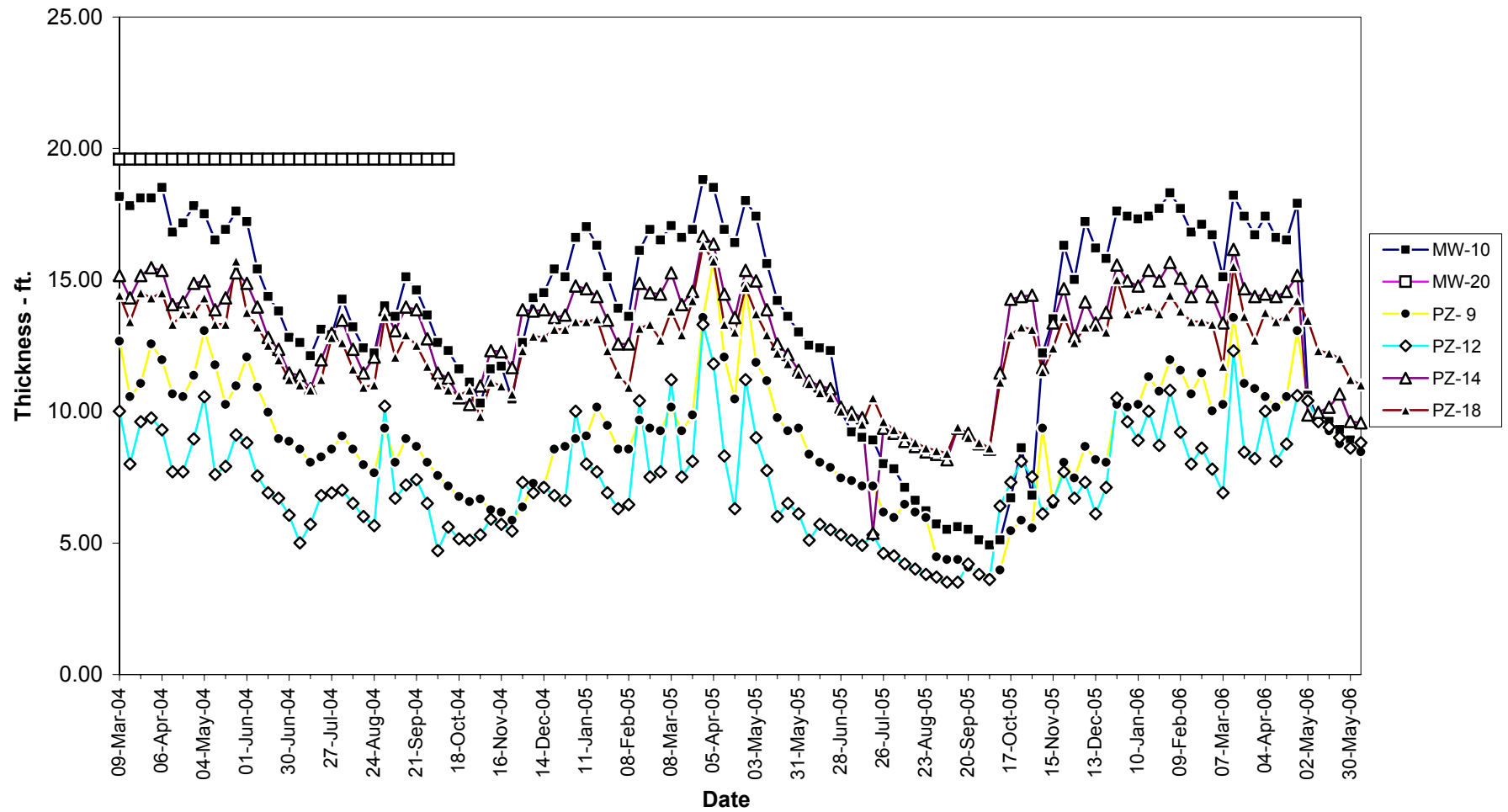


Figure 4
Groundwater Treatment System Flowrates

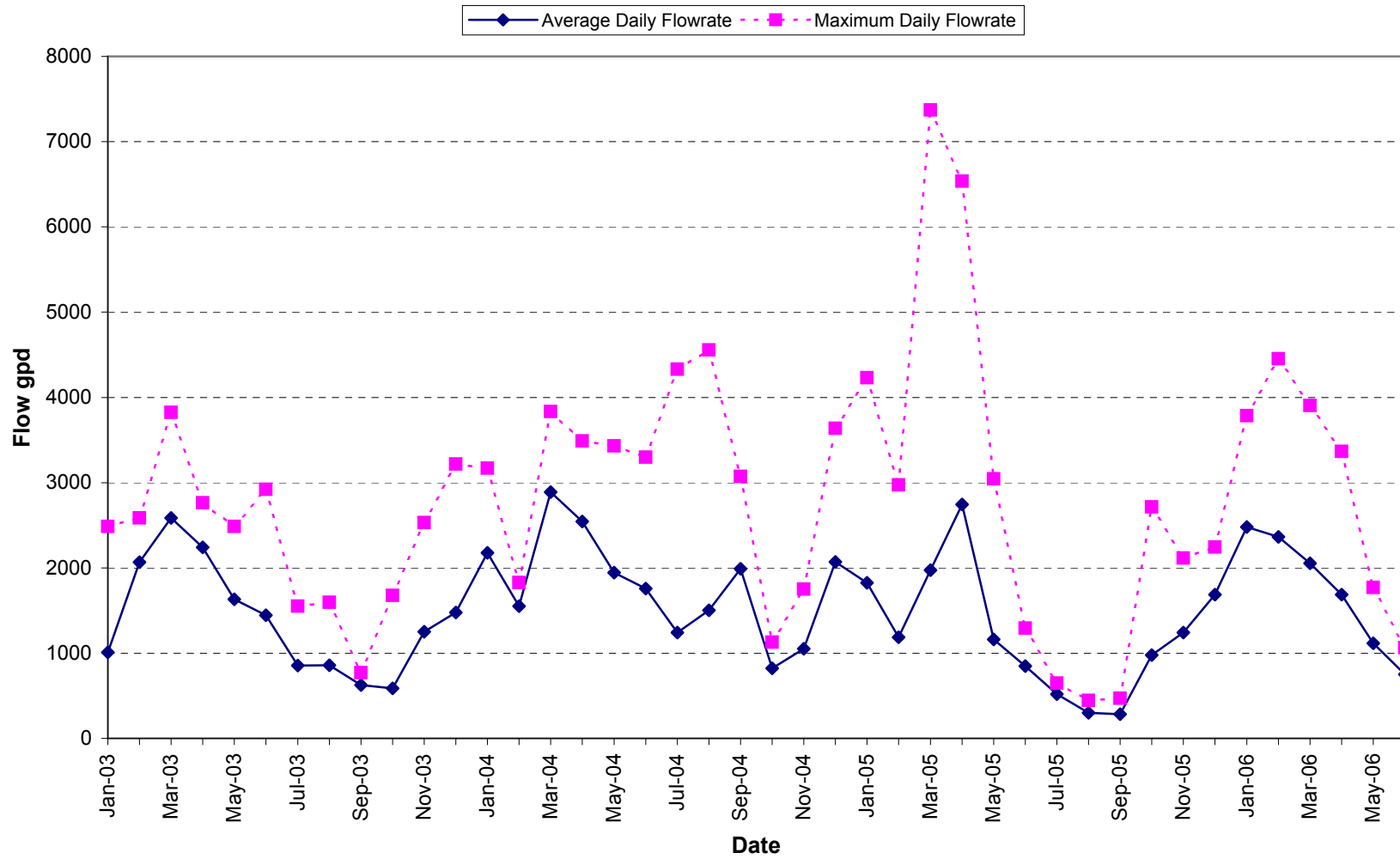


Figure 5
MW-2A (RW-2)

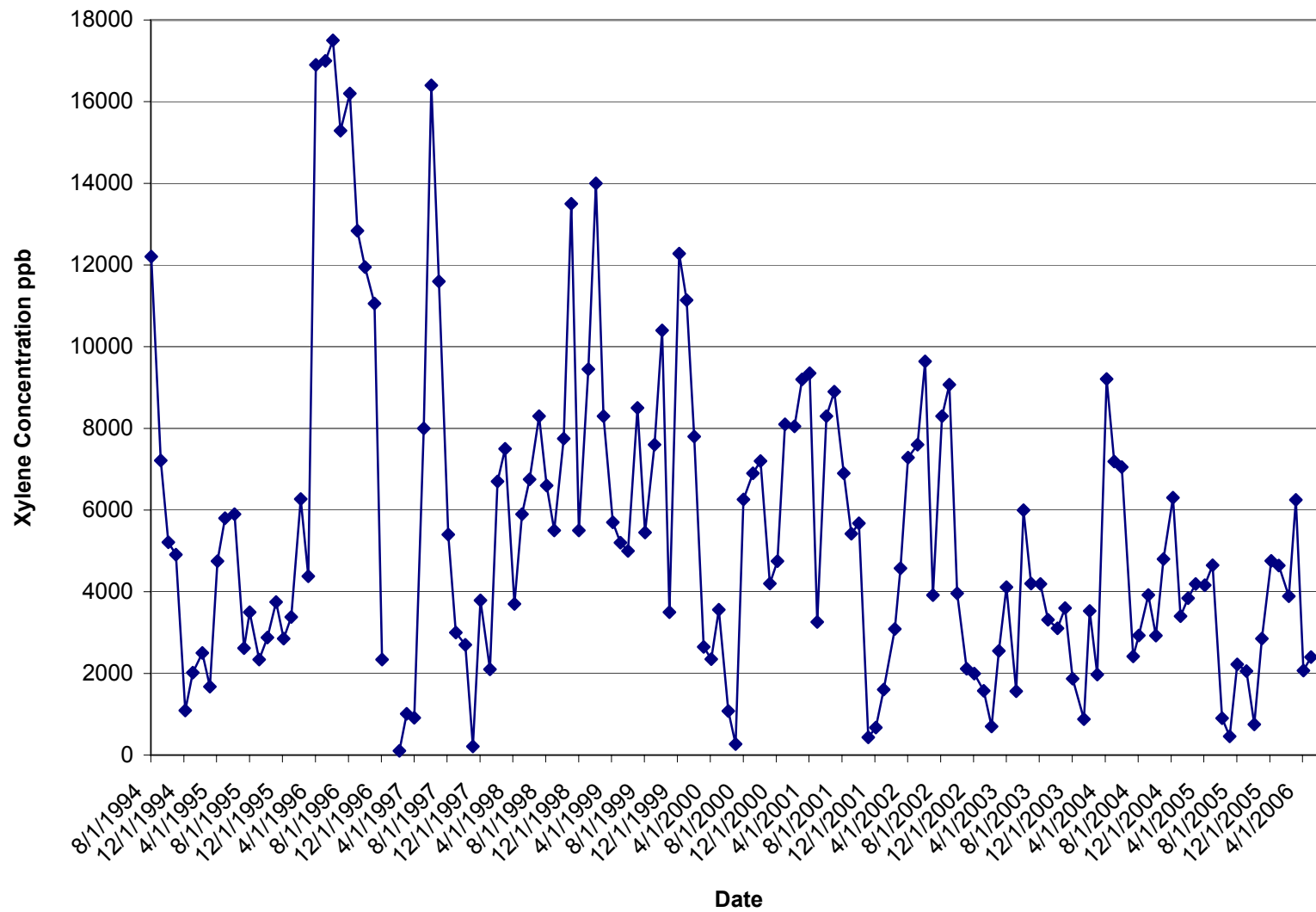


Figure 6
RW-3

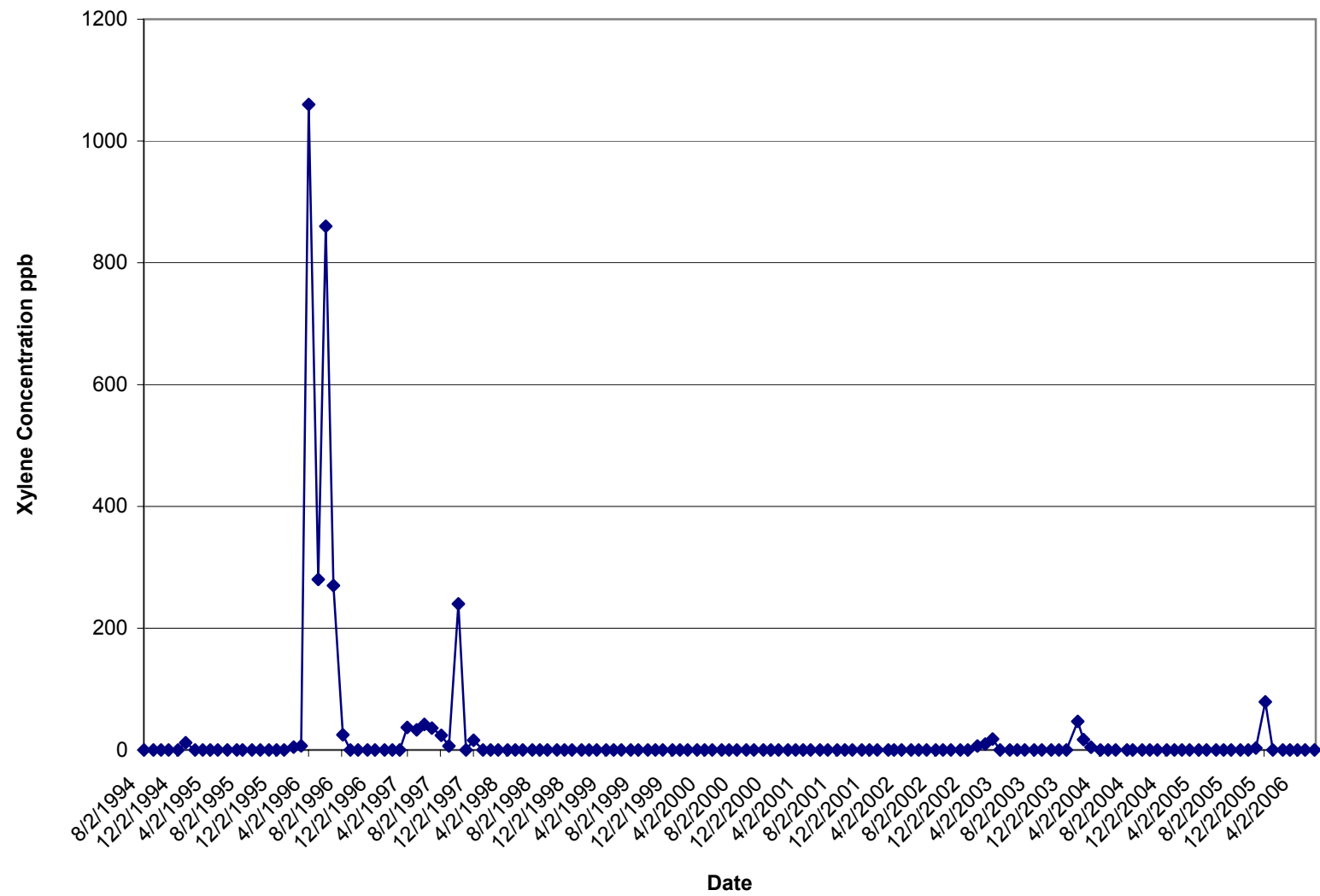


Figure 7
RW-5

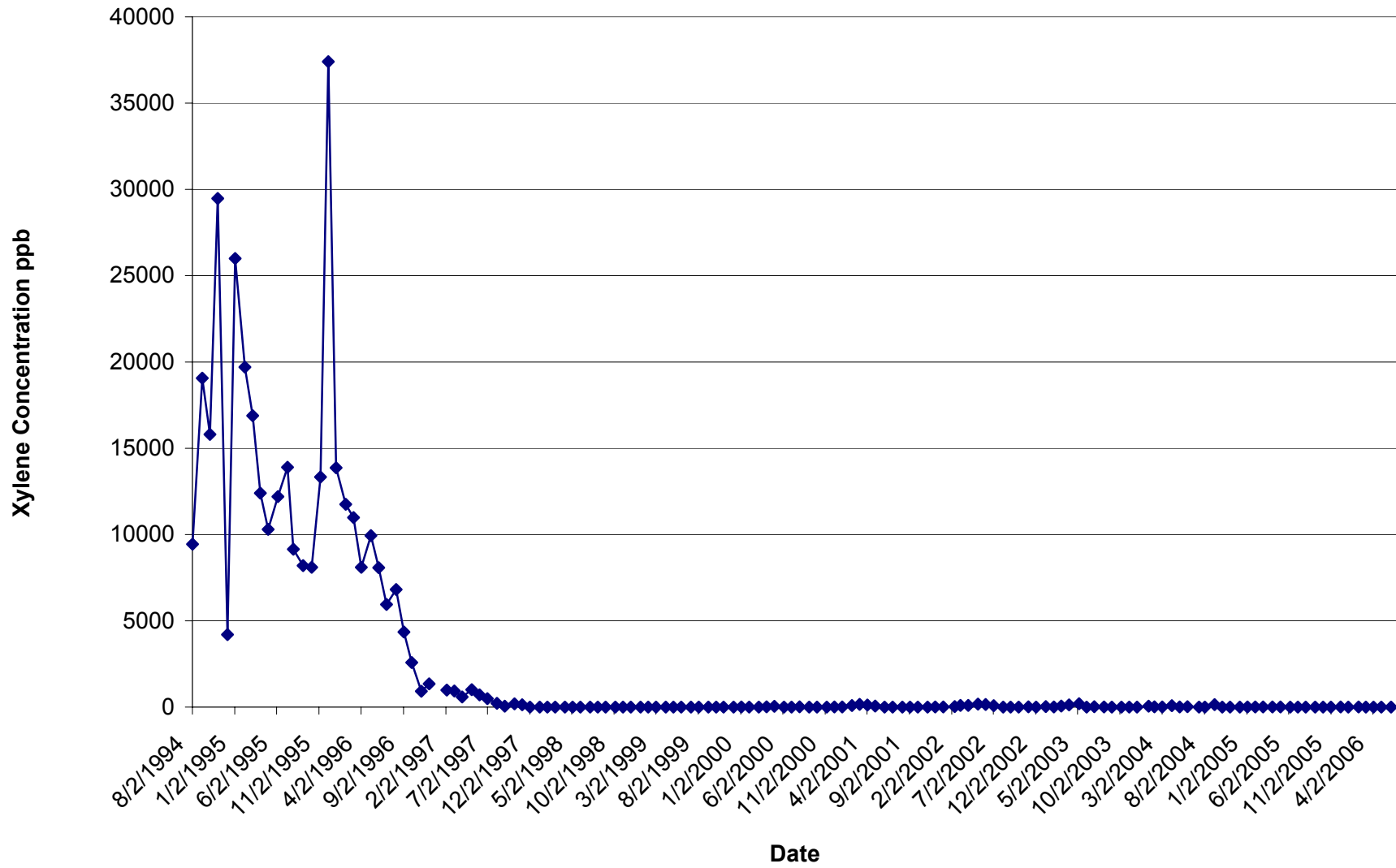


Figure 8
RW-6

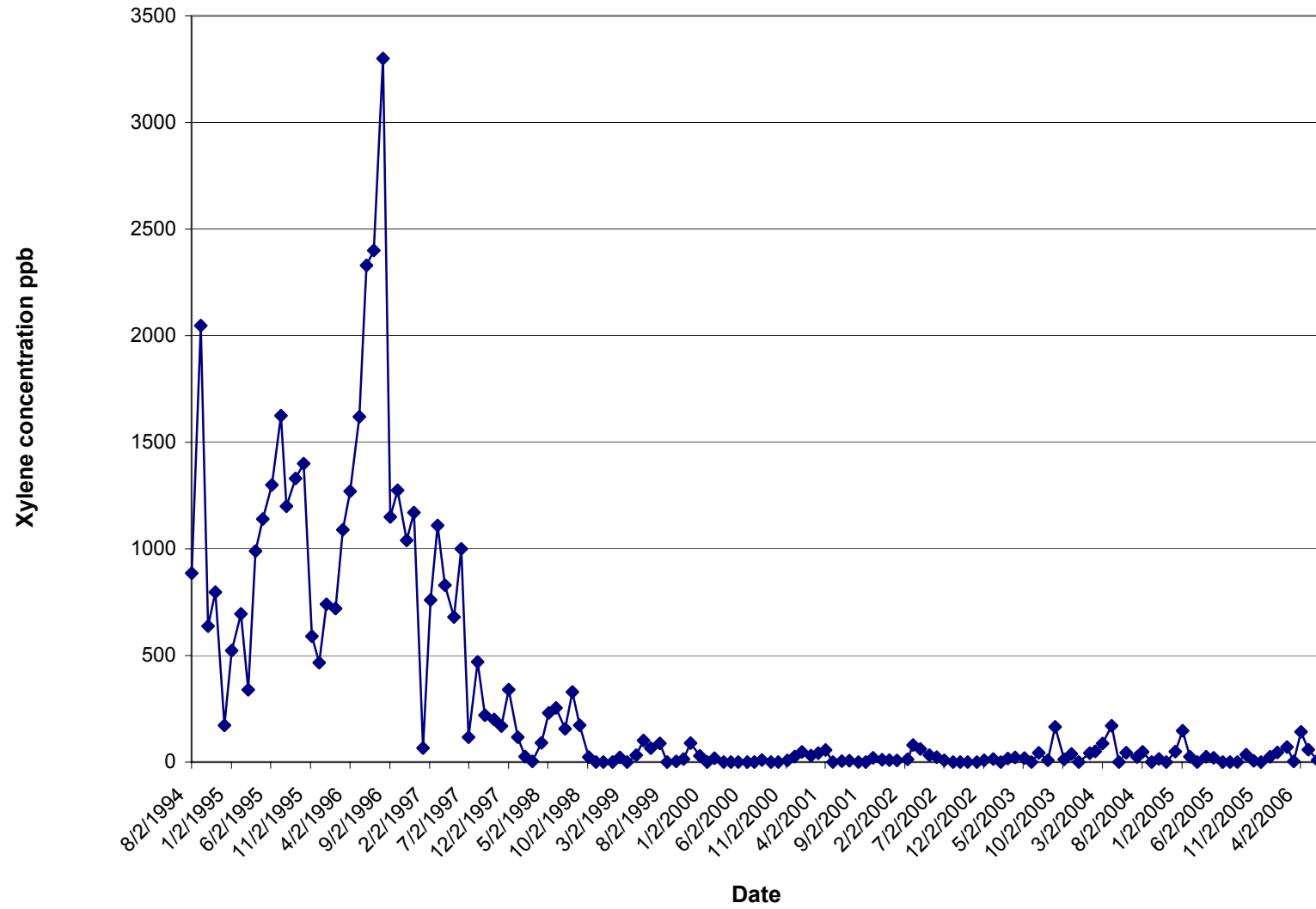


Figure 9
RW-7

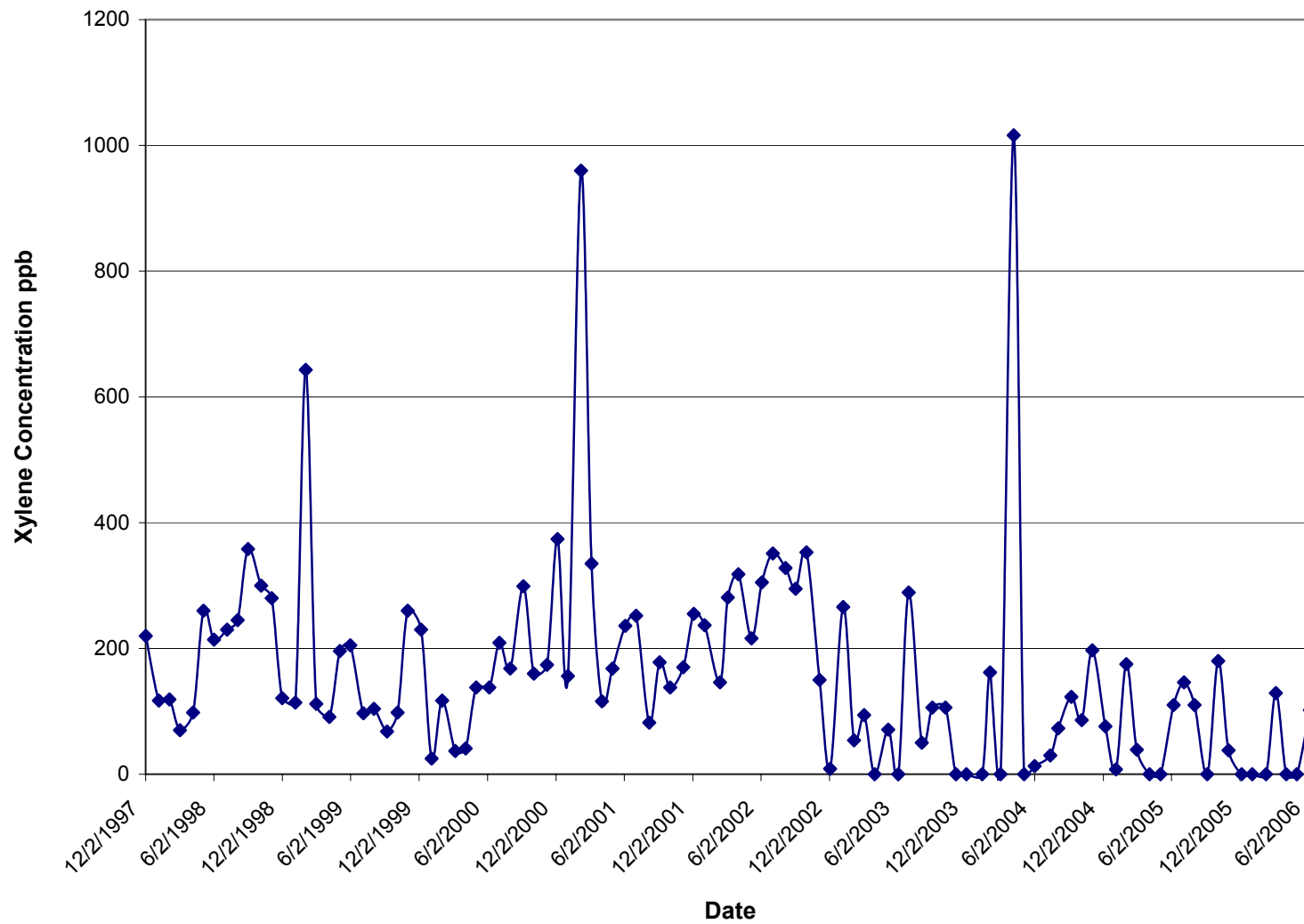


Figure 10
RW-8

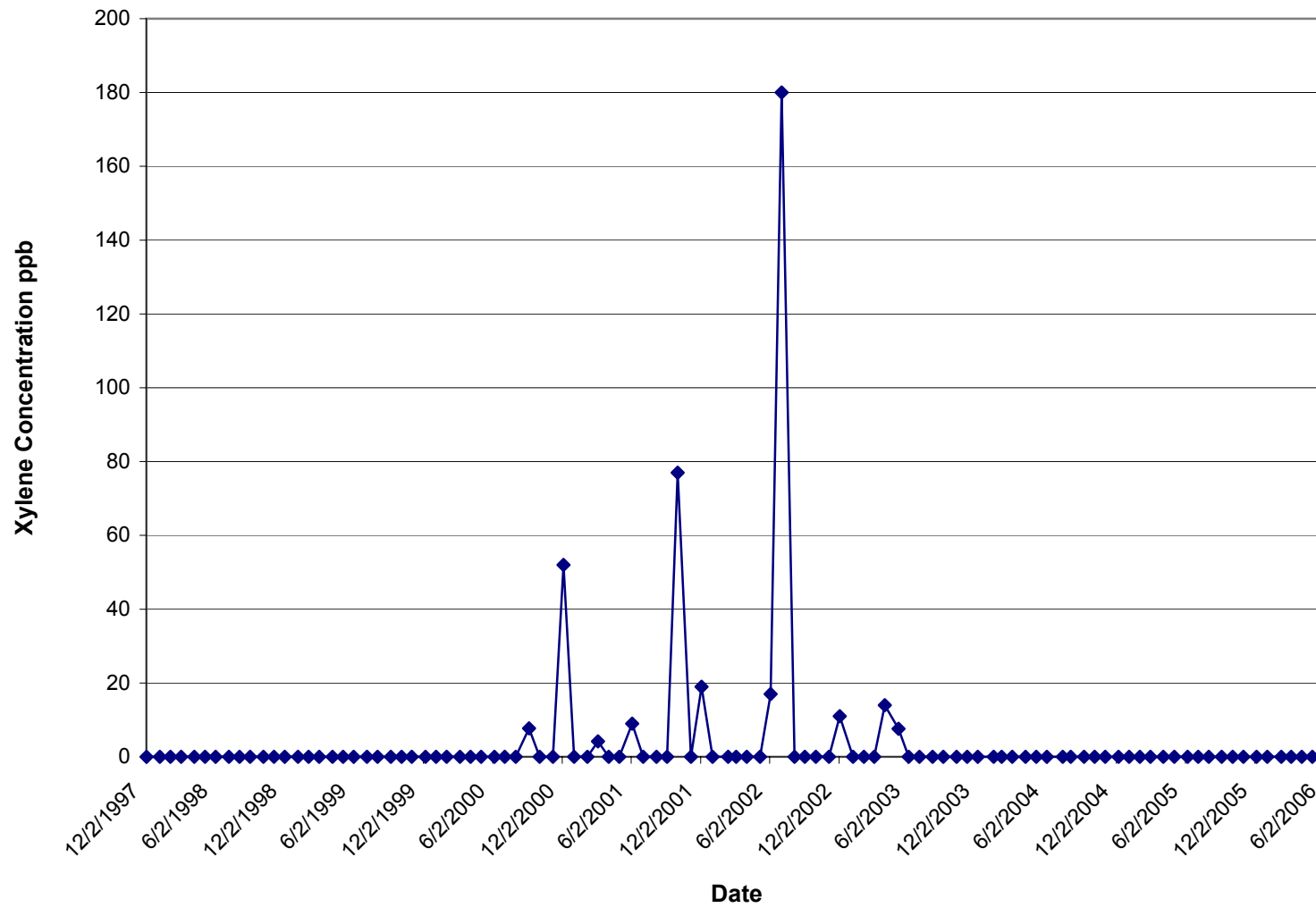
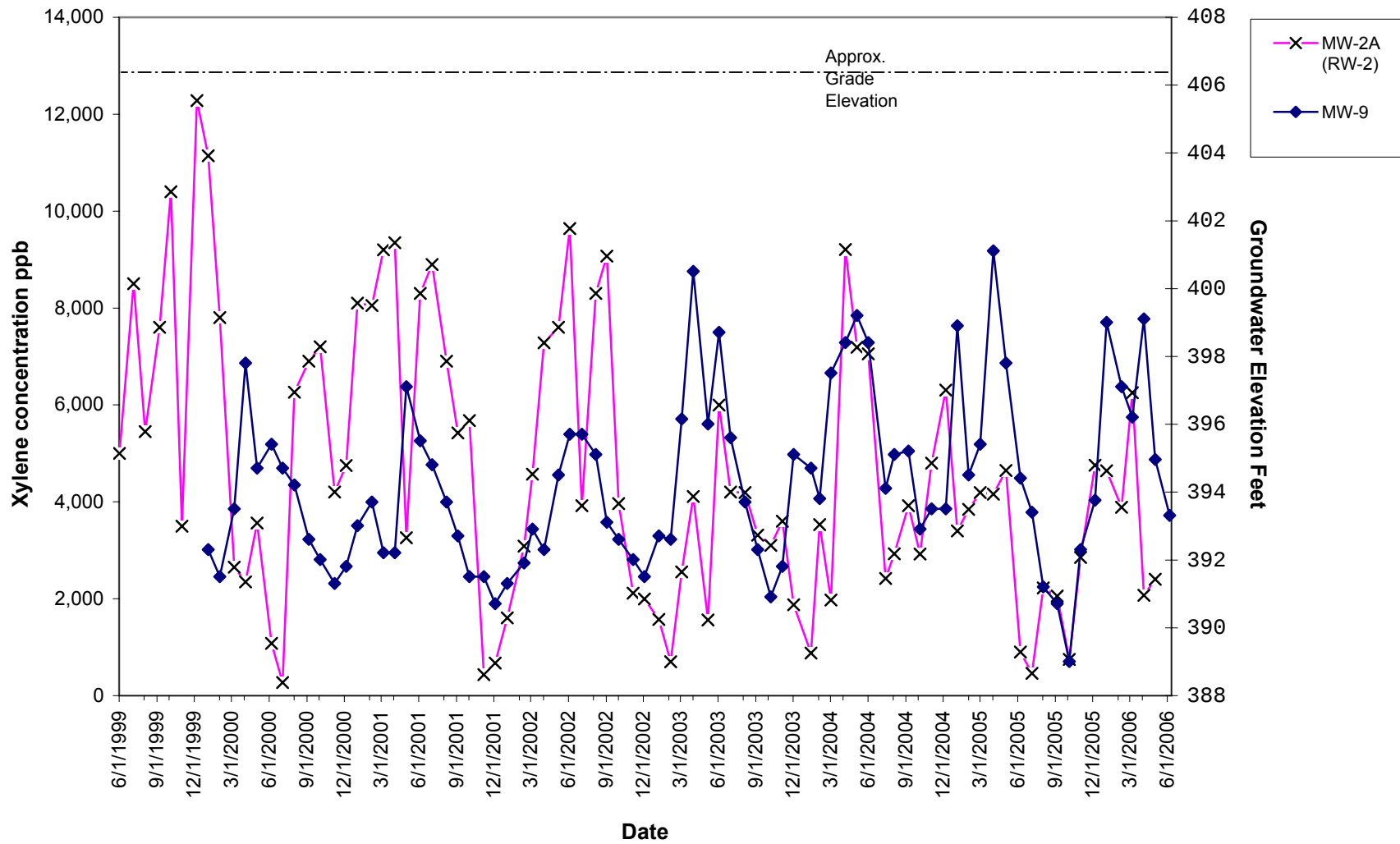


Figure 12
MW-2A (RW-2) Xylene Conc. Vs MW-9 Groundwater Elevation



ATTACHMENTS

ATTACHMENT 1

Laboratory Analytical Data



**Certified
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Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Stauffer Management Company
4512 Jordan Road
Skaneateles Falls, NY 13153-
Attn: Mr. Everett Rice

DATE: 04/11/2006

PROJECT NAME: Maestri (Page 1 of 1)

LAB No.	DATE	SAMPLE TIME	SAMPLER	DELIVERY DATE	TO LAB TIME	MATRIX
437027	04/04/06		John Abraham	04/04/06	1620	WW
437028	04/04/06		John Abraham	04/04/06	1620	WW
437029	04/04/06		John Abraham	04/04/06	1620	WW
437030	04/04/06		John Abraham	04/04/06	1620	WW
437031	04/04/06		John Abraham	04/04/06	1620	WW
437032	04/04/06		John Abraham	04/04/06	1620	WW

CLIENT STATION ID	LAB NUMBER	Sample Receipt Temperature Degrees C	TOTAL XYLENES ug/L
RW2	437027	5.5	2070
RW3	437028	5.5	< 3.0
RW5	437029	5.5	< 3.0
RW6	437030	5.5	142
RW7	437031	5.5	< 30
RW8	437032	5.5	< 3.0

Note: Samples analyzed by Method EPA 602.

NYSDOH LAB ID NO. 11246

APPROVED BY: 

(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager



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REPORT OF ANALYSES

Stauffer Management Company
4512 Jordan Road
Skaneateles Falls, NY 13153-
Attn: Mr. Everett Rice

DATE: 04/11/2006

PROJECT NAME: Maestri

SAMPLE NUMBER- 437025 SAMPLE ID- E-3
DATE SAMPLED- 04/04/06
DATE RECEIVED- 04/04/06 SAMPLER- John Abraham
TIME RECEIVED- 1620 DELIVERED BY- Tom Barry

SAMPLE MATRIX- WW

RECEIVED BY- LR
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		04/04/06		LR	5.5 Degrees C
EPA 624 Volatiles	EPA 624	04/05/06		LRE	
Dichlorodifluoromethane	EPA 624	04/05/06		LRE	< 2.0 ug/L
Chloromethane	EPA 624	04/05/06		LRE	< 5.0 ug/L
Vinyl Chloride	EPA 624	04/05/06		LRE	< 1.0 ug/L
Bromomethane	EPA 624	04/05/06		LRE	< 5.0 ug/L
Chloroethane	EPA 624	04/05/06		LRE	< 5.0 ug/L
Trichlorofluoromethane	EPA 624	04/05/06		LRE	< 1.0 ug/L
1,1-Dichloroethene	EPA 624	04/05/06		LRE	< 1.0 ug/L
Methylene Chloride	EPA 624	04/05/06		LRE	< 1.0 ug/L
trans-1,2-Dichloroethene	EPA 624	04/05/06		LRE	< 1.0 ug/L
1,1-Dichloroethane	EPA 624	04/05/06		LRE	< 1.0 ug/L
2-Butanone (MEK)	EPA 624	04/05/06		LRE	< 5.0 ug/L
Chloroform	EPA 624	04/05/06		LRE	< 1.0 ug/L
1,1,1-Trichloroethane	EPA 624	04/05/06		LRE	< 1.0 ug/L
Carbon Tetrachloride	EPA 624	04/05/06		LRE	< 1.0 ug/L
1,2-Dichloroethane	EPA 624	04/05/06		LRE	< 1.0 ug/L
Benzene	EPA 624	04/05/06		LRE	< 1.0 ug/L
Trichloroethene	EPA 624	04/05/06		LRE	< 1.0 ug/L
1,2-Dichloropropane	EPA 624	04/05/06		LRE	< 1.0 ug/L
Bromodichloromethane	EPA 624	04/05/06		LRE	< 1.0 ug/L



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Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 437025

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	04/05/06		LRE	< 5.0	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	04/05/06		LRE	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	04/05/06		LRE	< 1.0	ug/L
Toluene	EPA 624	04/05/06		LRE	< 1.0	ug/L
trans-1,3-Dichloropropene	EPA 624	04/05/06		LRE	< 1.0	ug/L
1,1,2-Trichloroethane	EPA 624	04/05/06		LRE	< 1.0	ug/L
Tetrachloroethene	EPA 624	04/05/06		LRE	< 1.0	ug/L
Dibromochloromethane	EPA 624	04/05/06		LRE	< 1.0	ug/L
Chlorobenzene	EPA 624	04/05/06		LRE	< 1.0	ug/L
Ethylbenzene	EPA 624	04/05/06		LRE	< 1.0	ug/L
m & p-Xylene	EPA 624	04/05/06		LRE	< 1.0	ug/L
o-Xylene	EPA 624	04/05/06		LRE	< 1.0	ug/L
Bromoform	EPA 624	04/05/06		LRE	< 1.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	04/05/06		LRE	< 1.0	ug/L
1,3-Dichlorobenzene	EPA 624	04/05/06		LRE	< 1.0	ug/L
1,4-Dichlorobenzene	EPA 624	04/05/06		LRE	< 1.0	ug/L
1,2-Dichlorobenzene	EPA 624	04/05/06		LRE	< 1.0	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:

(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager



Certified Environmental Services, Inc.
1401 Erie Blvd. East
Syracuse, NY 13210

Phone: 315-478-2374

Fax: 315-478-2107

CHAIN OF CUSTODY RECORD

BATCH NO: <u>431026</u>		Page <u>1</u> of <u>1</u>					
Turn-Around Time: ☐ Standard ☐ 1 Week ☐ 72 Hours ☐ 48 Hours ☐ 24 Hours		PARAMETERS FOR ANALYSIS					
CLIENT NAME: <u>SPC</u>	PROJECT NUMBER/NAME: <u>SPC</u>	TOTAL NUMBER OF CONTAINERS					
ADDRESS:							
PHONE:							
FAX:							
CONTACT NAME: <u>Tina</u>	PURCHASE ORDER NO:						
Sampler's Name: <u>Tina</u> Signature: <u>[Signature]</u>		TOTAL NUMBER OF CONTAINERS					
LAB USE ONLY	Collected Date Time	TYPE	MATRIX	CLIENT ID/SAMPLE LOCATION	TOTAL NUMBER OF CONTAINERS		
CES Sample Numbers		Comp.	Grab	Aqueous		Soil	Other
<u>431026</u>	<u>6-1-06</u>	<u>X</u>	<u>X</u>	<u>X</u>			
<u>431026</u>	<u>6-1-06</u>	<u>X</u>	<u>X</u>	<u>X</u>			
<u>431027-08</u>	<u>6-1-06</u>	<u>X</u>	<u>X</u>	<u>X</u>			
SPECIAL REMARKS:							

SAMPLES RELINQUISHED BY:		SAMPLES RECEIVED BY:	
NAME: <u>Tina</u>	DATE: <u>6-1-06</u>	NAME: <u>Tina</u>	DATE: <u>6-1-06</u>
SIGNATURE: <u>[Signature]</u>	TIME: <u>16:00</u>	SIGNATURE: <u>[Signature]</u>	TIME: <u>15:30</u>
NAME: <u>Tina</u>	DATE: <u>6-1-06</u>	NAME: <u>Tina</u>	DATE: <u>6-1-06</u>
SIGNATURE: <u>[Signature]</u>	TIME: <u>16:00</u>	SIGNATURE: <u>[Signature]</u>	TIME: <u>15:30</u>

White - CES's Copy • Canary - Return to Client With Report • Pink - Clients Initial Copy



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REPORT OF ANALYSES

Stauffer Management Company
4512 Jordan Road
Skanateles Falls, NY 13153-
Attn: Mr. John M. Abraham

DATE: 05/10/2006

(Page 1 of 1)

LAB NO.		SAMPLE		SAMPLER	DELIVERY TO LAB		
LAB NO.	DATE	TIME	SAMPLER		DATE	TIME	MATRIX
440142	05/02/06		John Abraham		05/02/06	1430	WW
440143	05/02/06		John Abraham		05/02/06	1430	WW
440144	05/02/06		John Abraham		05/02/06	1430	WW
440145	05/02/06		John Abraham		05/02/06	1430	WW
440146	05/02/06		John Abraham		05/02/06	1430	WW
440147	05/02/06		John Abraham		05/02/06	1430	WW

CLIENT STATION ID	LAB NUMBER	Sample Receipt Temperature Degrees C	TOTAL XYLENES ug/L
RW-3	440142	3.6	< 3.0
RW-5	440143	3.6	< 3.0
RW-6	440144	3.6	58
RW-7	440145	3.6	< 30
RW-8	440146	3.6	< 3.0
MW-2A	440147	3.6	2400

Note: Samples analyzed by Method EPA 824.

NYSDOH LAB ID NO. 11246

APPROVED BY:

(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

Amy



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Syracuse, NY 13210
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REPORT OF ANALYSES

Stauffer Management Company
4512 Jordan Road
Skaneateles Falls, NY 13153-
Attn: Mr. John M. Abraham

PROJECT NAME: Maestri
DATE: 05/10/2006

SAMPLE NUMBER- 440141 SAMPLE ID- E-3
DATE SAMPLED- 05/02/06
DATE RECEIVED- 05/02/06 SAMPLER- John Abraham
TIME RECEIVED- 1430 DELIVERED BY- Ben Murphy

SAMPLE MATRIX- WW

RECEIVED BY- RS
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		05/02/06		RS	3.6 Degrees C
EPA 624 Volatiles	EPA 624	05/03/06		LRE	
Dichlorodifluoromethane	EPA 624	05/03/06		LRE	< 2.0 ug/L
Chloromethane	EPA 624	05/03/06		LRE	< 5.0 ug/L
Vinyl Chloride	EPA 624	05/03/06		LRE	< 1.0 ug/L
Bromomethane	EPA 624	05/03/06		LRE	< 5.0 ug/L
Chloroethane	EPA 624	05/03/06		LRE	< 5.0 ug/L
Trichlorofluoromethane	EPA 624	05/03/06		LRE	< 1.0 ug/L
1,1-Dichloroethene	EPA 624	05/03/06		LRE	< 1.0 ug/L
Methylene Chloride	EPA 624	05/03/06		LRE	< 1.0 ug/L
trans-1,2-Dichloroethene	EPA 624	05/03/06		LRE	< 1.0 ug/L
1,1-Dichloroethane	EPA 624	05/03/06		LRE	< 1.0 ug/L
2-Butanone (MEK)	EPA 624	05/03/06		LRE	< 5.0 ug/L
Chloroform	EPA 624	05/03/06		LRE	< 1.0 ug/L
1,1,1-Trichloroethane	EPA 624	05/03/06		LRE	< 1.0 ug/L
Carbon Tetrachloride	EPA 624	05/03/06		LRE	< 1.0 ug/L
1,2-Dichloroethane	EPA 624	05/03/06		LRE	< 1.0 ug/L
Benzene	EPA 624	05/03/06		LRE	< 1.0 ug/L
Trichloroethene	EPA 624	05/03/06		LRE	< 1.0 ug/L
1,2-Dichloropropane	EPA 624	05/03/06		LRE	< 1.0 ug/L
Bromodichloromethane	EPA 624	05/03/06		LRE	< 1.0 ug/L



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Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 440141

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	05/03/06		LRE	< 5.0	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	05/03/06		LRE	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	05/03/06		LRE	< 1.0	ug/L
Toluene	EPA 624	05/03/06		LRE	< 1.0	ug/L
trans-1,3-Dichloropropene	EPA 624	05/03/06		LRE	< 1.0	ug/L
1,1,2-Trichloroethane	EPA 624	05/03/06		LRE	< 1.0	ug/L
Tetrachloroethene	EPA 624	05/03/06		LRE	< 1.0	ug/L
Dibromochloromethane	EPA 624	05/03/06		LRE	< 1.0	ug/L
Chlorobenzene	EPA 624	05/03/06		LRE	< 1.0	ug/L
Ethylbenzene	EPA 624	05/03/06		LRE	< 1.0	ug/L
m & p-Xylene	EPA 624	05/03/06		LRE	< 1.0	ug/L
o-Xylene	EPA 624	05/03/06		LRE	< 1.0	ug/L
Bromoform	EPA 624	05/03/06		LRE	< 1.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	05/03/06		LRE	< 1.0	ug/L
1,3-Dichlorobenzene	EPA 624	05/03/06		LRE	< 1.0	ug/L
1,4-Dichlorobenzene	EPA 624	05/03/06		LRE	< 1.0	ug/L
1,2-Dichlorobenzene	EPA 624	05/03/06		LRE	< 1.0	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:


(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager



**Certified
Environmental
Services, Inc.**

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Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Stauffer Management Company
4512 Jordan Road
Skaneateles Falls, NY 13153-
Attn: Mr. John M. Abraham

DATE: 06/09/2006

PROJECT NAME: Maestri

SAMPLE NUMBER- 444279 SAMPLE ID- E-3
DATE SAMPLED- 06/06/06
DATE RECEIVED- 06/06/06 SAMPLER- John Abraham
TIME RECEIVED- 1455 DELIVERED BY- Tom Barry

SAMPLE MATRIX- WW

RECEIVED BY- RS
TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		06/06/06		RS	5.2 Degrees C
EPA 624 Volatiles	EPA 624	06/08/06		LRE	
Dichlorodifluoromethane	EPA 624	06/08/06		LRE	< 2.0 ug/L
Chloromethane	EPA 624	06/08/06		LRE	< 5.0 ug/L
Vinyl Chloride	EPA 624	06/08/06		LRE	< 1.0 ug/L
Bromomethane	EPA 624	06/08/06		LRE	< 5.0 ug/L
Chloroethane	EPA 624	06/08/06		LRE	< 5.0 ug/L
Trichlorofluoromethane	EPA 624	06/08/06		LRE	< 1.0 ug/L
1,1-Dichloroethene	EPA 624	06/08/06		LRE	< 1.0 ug/L
Methylene Chloride	EPA 624	06/08/06		LRE	< 1.0 ug/L
trans-1,2-Dichloroethene	EPA 624	06/08/06		LRE	< 1.0 ug/L
1,1-Dichloroethane	EPA 624	06/08/06		LRE	< 1.0 ug/L
2-Butanone (MEK)	EPA 624	06/08/06		LRE	< 5.0 ug/L
Chloroform	EPA 624	06/08/06		LRE	< 1.0 ug/L
1,1,1-Trichloroethane	EPA 624	06/08/06		LRE	< 1.0 ug/L
Carbon Tetrachloride	EPA 624	06/08/06		LRE	< 1.0 ug/L
1,2-Dichloroethane	EPA 624	06/08/06		LRE	< 1.0 ug/L
Benzene	EPA 624	06/08/06		LRE	< 1.0 ug/L
Trichloroethene	EPA 624	06/08/06		LRE	< 1.0 ug/L
1,2-Dichloropropane	EPA 624	06/08/06		LRE	< 1.0 ug/L
Bromodichloromethane	EPA 624	06/08/06		LRE	< 1.0 ug/L



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Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 444279

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	06/08/06		LRE	< 5.0	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	06/08/06		LRE	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	06/08/06		LRE	< 1.0	ug/L
Toluene	EPA 624	06/08/06		LRE	< 1.0	ug/L
trans-1,3-Dichloropropene	EPA 624	06/08/06		LRE	< 1.0	ug/L
1,1,2-Trichloroethane	EPA 624	06/08/06		LRE	< 1.0	ug/L
Tetrachloroethene	EPA 624	06/08/06		LRE	< 1.0	ug/L
Dibromochloromethane	EPA 624	06/08/06		LRE	< 1.0	ug/L
Chlorobenzene	EPA 624	06/08/06		LRE	< 1.0	ug/L
Ethylbenzene	EPA 624	06/08/06		LRE	< 1.0	ug/L
m & p-Xylene	EPA 624	06/08/06		LRE	< 1.0	ug/L
o-Xylene	EPA 624	06/08/06		LRE	< 1.0	ug/L
Bromoform	EPA 624	06/08/06		LRE	< 1.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	06/08/06		LRE	< 1.0	ug/L
1,3-Dichlorobenzene	EPA 624	06/08/06		LRE	< 1.0	ug/L
1,4-Dichlorobenzene	EPA 624	06/08/06		LRE	< 1.0	ug/L
1,2-Dichlorobenzene	EPA 624	06/08/06		LRE	< 1.0	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:

(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager



**Certified
Environmental
Services, Inc.**

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Stauffer Management Company
4512 Jordan Road
Skaneateles Falls, NY 13153-
Attn: Mr. John M. Abraham

DATE: 06/09/2006

PROJECT NAME: Maestri (Page 1 of 1)

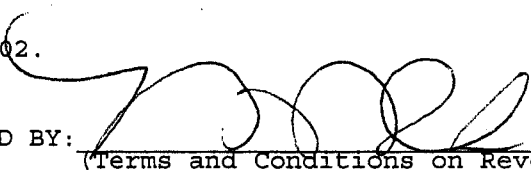
LAB No.	SAMPLE DATE	TIME	SAMPLER	DELIVERY DATE	TO LAB TIME	MATRIX
444280	06/06/06		John Abraham	06/06/06	1455	WW
444281	06/06/06		John Abraham	06/06/06	1455	WW
444282	06/06/06		John Abraham	06/06/06	1455	WW
444283	06/06/06		John Abraham	06/06/06	1455	WW
444284	06/06/06		John Abraham	06/06/06	1455	WW

CLIENT STATION ID	LAB NUMBER	Sample Receipt Temperature Degrees C	TOTAL XYLENES ug/L
RW-3	444280	5.2	< 3.0
RW-5	444281	5.2	< 3.0
RW-6	444282	5.2	9.0
RW-7	444283	5.2	102
RW-8	444284	5.2	< 3.0

Note: Samples analyzed by Method EPA 602.

NYSDOH LAB ID NO. 11246

APPROVED BY:


(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

ATTACHMENT 2

Discharge Monitoring Report

MAESTRI EFFLUENT MONITORING REPORT - April 2006

DATE	BENZENE ug/l	VINYL CHLORIDE ug/l	o-XYLENE ug/l	m-XYLENE ug/l	p-XYLENE ug/l	pH
4/4/2006	<1.0	<1.0	<1.0	<1.0	<1.0	7.8
LIMIT	1.0	5.0	5.0	5.0	5.0	6.5-8.5

MONTHLY DAILY AVERAGE FLOW (GPD) = 1688 gpd
MONTHLY MAXIMUM DAILY FLOW (GPD) = 3366 gpd

MAESTRI EFFLUENT MONITORING REPORT - May 2006

DATE	BENZENE ug/l	VINYL CHLORIDE ug/l	o-XYLENE ug/l	m-XYLENE ug/l	p-XYLENE ug/l	pH
5/2/2006	<1.0	<1.0	<1.0	<1.0	<1.0	7.5
LIMIT	1.0	5.0	5.0	5.0	5.0	6.5-8.5

MONTHLY DAILY AVERAGE FLOW (GPD) = 1116 gpd
MONTHLY MAXIMUM DAILY FLOW (GPD) = 1770 gpd

MAESTRI EFFLUENT MONITORING REPORT - June 2006

DATE	BENZENE ug/l	VINYL CHLORIDE ug/l	o-XYLENE ug/l	m-XYLENE ug/l	p-XYLENE ug/l	pH
6/6/2006	<1.0	<1.0	<1.0	<1.0	<1.0	7.3
LIMIT	1.0	5.0	5.0	5.0	5.0	6.5-8.5

MONTHLY DAILY AVERAGE FLOW (GPD) = 752 gpd
MONTHLY MAXIMUM DAILY FLOW (GPD) = 1065 gpd