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February 23, 2005

Mr. David Chiusano
Remedial Bureau E, Section A
New York State Department
of Environmental Conservation
625 Broadway
Albany, NY 12233-7013

Subject: Maestri Site
Site #7-34-025, Onondaga County

Dear Mr. Chiusano:

Attached please find the quarterly report prepared by SPEC Consulting detailing the operations of the groundwater recovery system during the period October through December 2004 at the Maestri Site.

Should you have any questions regarding this submittal please contact me at (302) 886-4238.

Sincerely,

T. K. Haldas
Project Manager

STAUFFER MANAGEMENT COMPANY
MAESTRI SITE
GEDDES, NEW YORK
GROUNDWATER COLLECTION SYSTEM OPERATIONS REPORT
October – December 2004

Prepared for:

Stauffer Management Co.
1800 Concord Pike
Wilmington, DE 19850-5438
Prepared by:

SPEC CONSULTING
Professional Engineering Services

18 Computer Drive West
Albany, NY 12205

SPEC Consulting Project 98-066c

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MAESTRI SITE

Groundwater Collection System Operations Report

October - December 2004

Introduction

The following is a report on the operation of the groundwater collection system at the Maestri Site for the period of October - December 2004, which includes a discussion on the following areas:

- Groundwater Capture.
- Hydraulic Effectiveness.
- Groundwater Quality.
- Off-site Well Decommissioning.
- Discharge Monitoring Reports.

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

Groundwater Capture

Weekly groundwater level measurements are normally taken at the 6 recovery wells, 8 shallow monitoring wells and 14 piezometers at the site. After October 14, 2004 the number of shallow monitoring wells gauged was reduced to 4 as MW-16, 17, 18 and 20 were removed under NYSDEC and NYSDOH approval. Groundwater elevation data is presented in the attached Tables 1A, 1B and 1C for October, November and December 2004.

Piezometer representative data from October, November and December 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 there is continued good capture of 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 discussed above, the contours for the months of November and December 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 three 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 was minimal at this location. The past MW-20 elevations will be left on the graph but 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 RW-2; PZ-12 is between 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 continued to reflect seasonal trends. The groundwater recovery system, as noted in the monthly effluent monitoring reports operated at typical average flow rates with lower than normal maximum daily flow rates for November and higher than normal maximum daily flow rates for December. The discharge rates are presented in Table 2 and Figure 4.

Groundwater Quality

To observe long-term trends, monthly groundwater samples are taken from the recovery wells and analyzed for xylene (total). This data is summarized in Table 3 and plotted in Figures 5A, 5B and 5C. The laboratory analytical results for the October, November and December are provided as Attachment 1. The majority of recovery well's xylene concentrations where within their historical range. The RW-2 xylene analytical results for this quarter ranging from 2,925 ppb to 6,305 ppb compared to the previous quarters results ranging from 2,418 ppb to 3,920 ppb. As shown on Figure 6, the xylene concentration at RW-2 is typically being influenced by the groundwater elevation. The groundwater at RW-3 has shown non-detectable concentrations of xylene for the past 9 months and RW-8 for the past 19 months.

Figure 6 has been prepared to show treatment milestones for RW-2 and groundwater elevations verses xylene concentrations over the past few years. In an effort to expedite groundwater remediation near RW-2, two (2) ORC and two (2) potassium permanganate (Chem-ox) treatment programs have been completed. As noted in previous quarterly report, after completion of each treatment a decrease in xylene concentrations is noted followed by an increase. The increase in xylene seems to be primarily driven by groundwater elevation. As the water table increases so does the xylene concentration at RW-2.

As part of the approved ORC plan dissolved oxygen (DO), pH and temperature were taken at predetermined injection wells monthly. The second round of ORC was injected in May 2004. In October, November and December the DO levels at the injection points were over the range of the DO meter (20ppm) and the DO was also higher than background levels at RW-2. Temperature ranged from 9 C to 11.7 C and the pH ranged from 8.3 SU at RW-2 to 11.8 SU at some of the injection points.

A rebound of xylene at RW-2 was observed in the first quarter 2004 just prior to the introduction of the second round of ORC. Though not part of the 4th quarter the January 2005

data points were available and graphed to help review the increase in xylene concentration observed in December 2004. The increase in xylene concentration was approximately 30% less than the first quarter rebound and comparable to the reduction seen after the first round of ORC injection. The groundwater elevation increased in January while the xylene concentration decreased indicating a possible lead/lag condition for the December/January period. This additional data point indicates a similar reduction in xylene concentration as seen during the first round of ORC work. However, SMC was anticipating additional reduction in the xylene concentration which does not seem to be occurring.

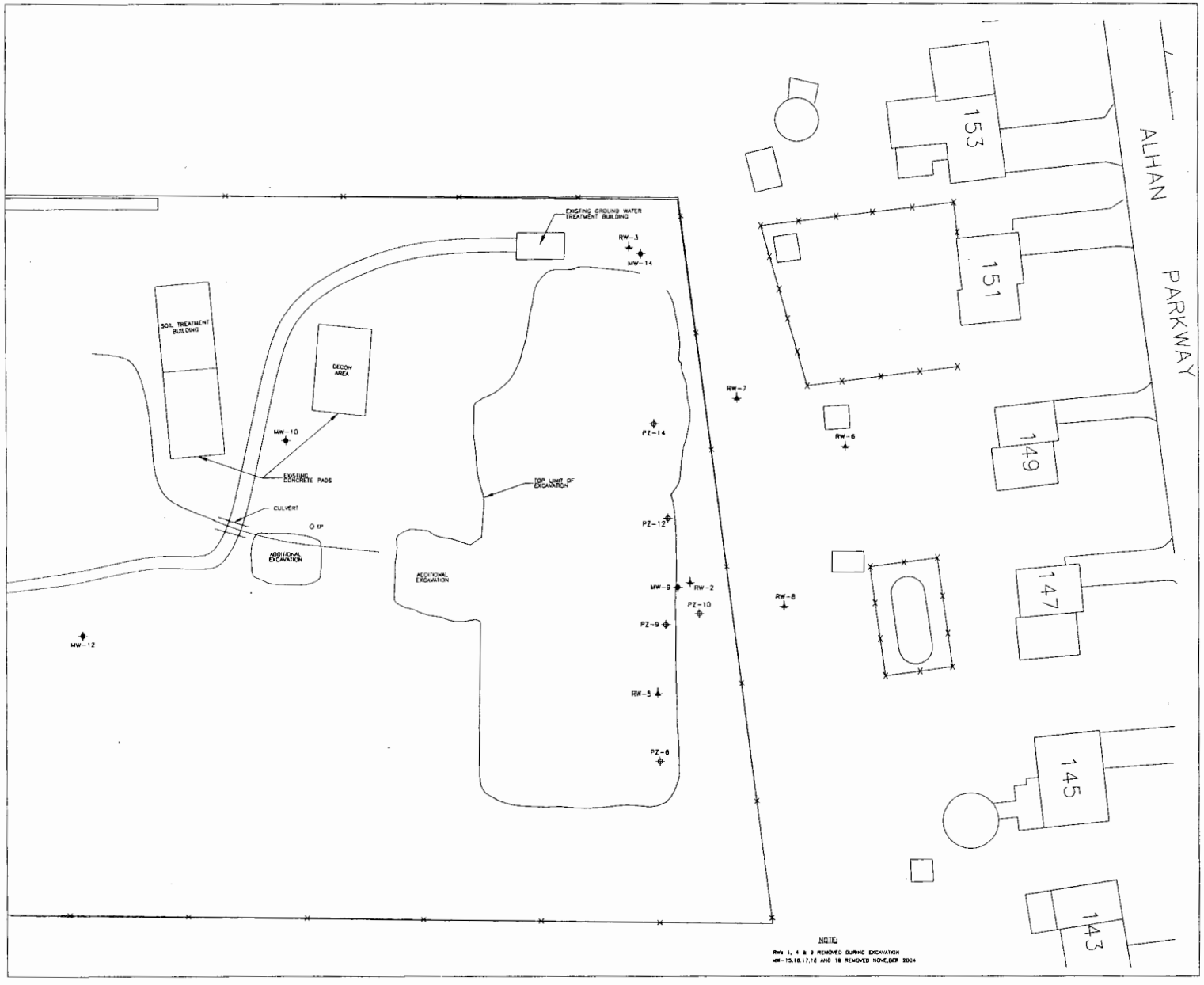
SMC received a request from the Department (December 28, 2004) to stop the monitoring of the injection wells under the approved ORC injection program and to review other remedial options. SMC has stopped monitoring the injection wells for the ORC parameters. As the second round results indicate the ORC is not further reducing the concentration of xylene in the groundwater as was seen in the first round injection results SMC has initiated reviewing alternative insitu remedial approaches for the groundwater by RW-2.

Off-site Well Decommissioning

A total of six (6) off-site wells were decommissioned on October 14, 2004. The four shallow monitoring wells (MW-16, 17, 18 and 20) and two deep monitoring wells (MW-15 &19) were analyzed for VOC and SVOC compounds using EPA methods 8260 and 8270. No VOC or SVOC's analyzed were detected in the groundwater sampled. The analytical results were submitted to the NYSDEC and NYSDOH who subsequently approved the decommissioning of all six (6) wells. Field notes, photologs and well location drawing associated with the well decommission is included as Attachment 3.

Discharge Monitoring Reports

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



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BASE MAP PROVIDED BY IT CORPORATION

FIGURE 1
SITE MAP

MAESTRI SITE
904 STATE FAIR BLVD.
GEDDES, NEW YORK

Table 1-A - Groundwater Elevations - October 2004

Well No	10/5/04	10/12/04	10/18/04	10/26/04
MW-9	14.00	14.20	14.60	14.80
MW-10	9.00	9.30	10.00	10.50
MW-12	9.80	10.20	10.60	10.80
MW-14	15.70	15.90	16.20	15.90
MW-16	4.30	4.50	x	x
MW-17	6.45	7.20	x	x
MW-18	3.00	3.20	x	x
MW-20	0.00	0.00	x	x
PZ-2	12.30	13.70	13.25	13.80
PZ-3	14.65	15.00	15.30	15.60
PZ-4	8.10	8.20	8.30	8.20
PZ-5	7.25	7.40	7.70	7.55
PZ-6	14.40	14.70	15.10	15.20
PZ-7	14.80	15.10	15.40	15.70
PZ-9	14.50	14.90	15.30	15.50
PZ-10	13.40	13.65	14.10	14.20
PZ-12	16.10	15.20	15.65	15.70
PZ-13	14.60	15.70	15.15	15.15
PZ-14	12.20	12.40	13.15	13.40
PZ-15	16.95	17.10	17.80	17.20
PZ-18	16.80	17.00	17.20	17.00
PZ-19	16.50	16.60	16.00	16.60
RW-2	21.00	15.80	16.00	15.70
RW-3	22.00	21.60	21.30	21.40
RW-5	23.10	22.10	22.20	22.10
RW-6	13.10	13.70	13.20	13.20
RW-7	16.40	16.60	18.20	17.60
RW-8	21.10	21.20	20.90	21.60

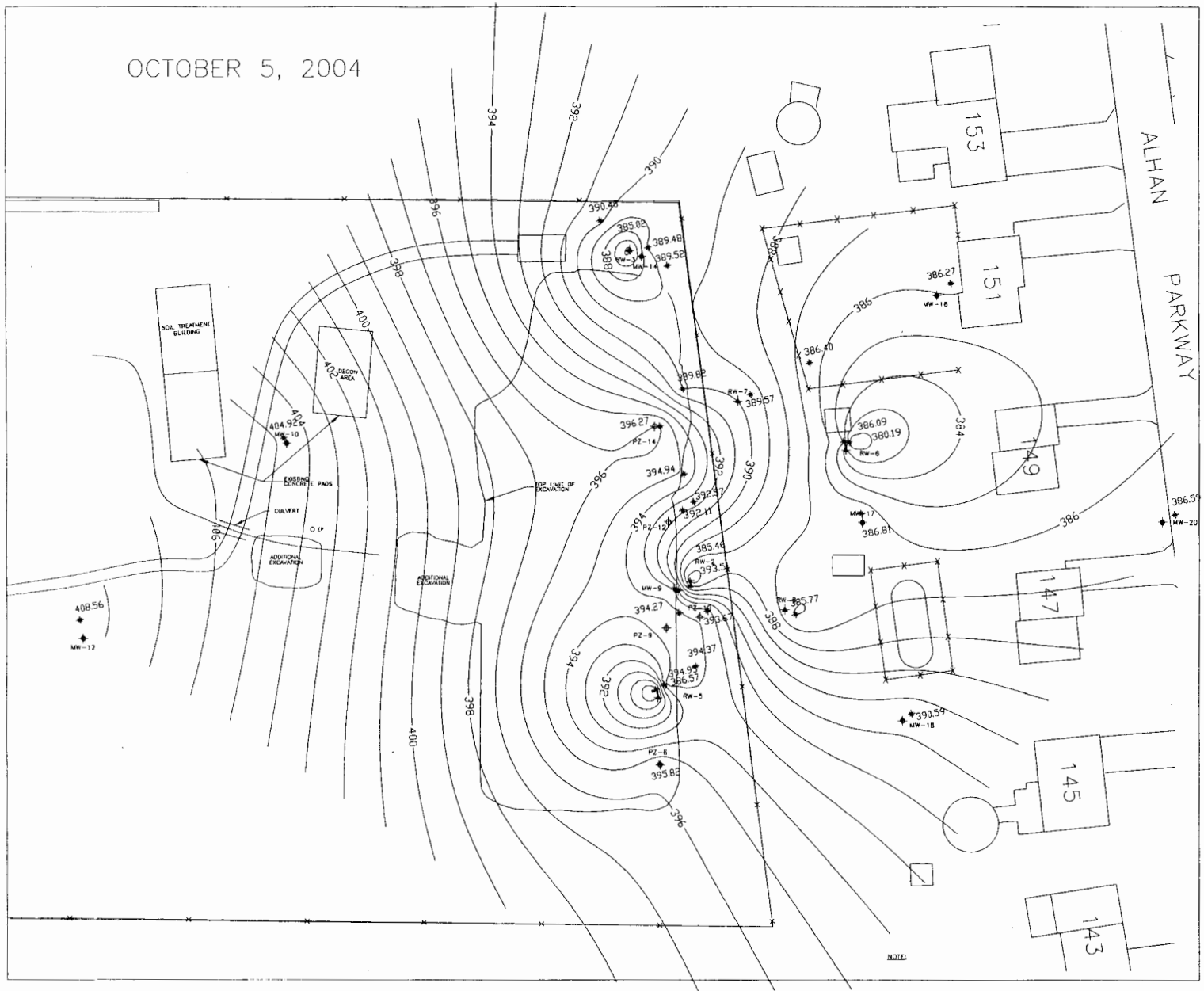
x denotes wells removed.

Table 1-B - Groundwater Elevations - November 2004

Well No	11/2/04	11/9/04	11/16/04	11/23/04	11/30/04
MW-9	14.60	15.00	15.15	15.90	14.30
MW-10	11.30	10.00	9.90	11.15	9.00
MW-12	10.90	10.70	10.70	10.90	10.30
MW-14	16.90	15.60	15.80	16.00	14.10
PZ-2	12.70	10.70	11.50	12.20	8.30
PZ-3	15.55	16.00	16.20	16.40	16.20
PZ-4	8.10	8.00	8.30	8.40	6.60
PZ-5	6.60	7.40	7.65	7.70	6.40
PZ-6	15.65	16.00	16.20	16.45	16.30
PZ-7	15.60	16.00	16.20	16.50	16.05
PZ-9	15.40	15.80	15.90	16.20	15.70
PZ-10	14.00	14.45	14.60	15.50	14.30
PZ-12	15.50	14.90	15.10	15.35	13.50
PZ-13	15.05	14.50	14.50	14.80	12.20
PZ-14	12.70	11.35	11.40	12.00	9.80
PZ-15	17.80	17.10	17.10	17.30	15.90
PZ-18	18.00	16.70	16.85	17.15	15.50
PZ-19	17.20	16.50	16.50	16.70	15.50
RW-2	15.50	15.90	16.00	16.30	17.10
RW-3	18.30	21.00	20.60	21.20	22.10
RW-5	15.10	22.10	23.00	21.80	23.10
RW-6	6.50	12.90	13.00	13.10	13.10
RW-7	17.50	21.60	21.70	21.40	21.10
RW-8	14.40	21.00	21.60	21.20	21.30

Table 1-C - Groundwater Elevations - December 2004

Well No	12/7/04	12/14/04	12/21/04	12/28/04
MW-9	14.00	14.10	12.85	12.80
MW-10	7.30	7.10	6.20	6.50
MW-12	8.90	8.70	7.70	8.00
MW-14	13.60	13.40	13.50	13.50
PZ-2	9.60	9.50	10.20	10.20
PZ-3	15.30	15.50	13.40	13.60
PZ-4	6.70	6.50	6.60	6.45
PZ-5	6.30	6.10	6.10	6.00
PZ-6	15.30	15.40	13.10	13.05
PZ-7	15.20	15.30	13.70	13.55
PZ-9	14.80	14.90	13.50	13.40
PZ-10	13.50	13.40	12.30	12.20
PZ-12	13.90	13.70	14.00	14.20
PZ-13	13.60	13.70	13.90	14.00
PZ-14	9.85	9.80	10.10	10.00
PZ-15	15.40	15.50	15.00	15.50
PZ-18	14.95	15.00	14.70	14.70
PZ-19	14.10	14.30	14.10	14.20
RW-2	16.70	16.50	16.50	17.10
RW-3	21.30	21.10	22.00	21.60
RW-5	22.20	22.10	22.20	23.10
RW-6	13.10	13.00	12.90	13.20
RW-7	21.60	21.40	21.50	21.00
RW-8	22.00	22.10	21.30	22.10



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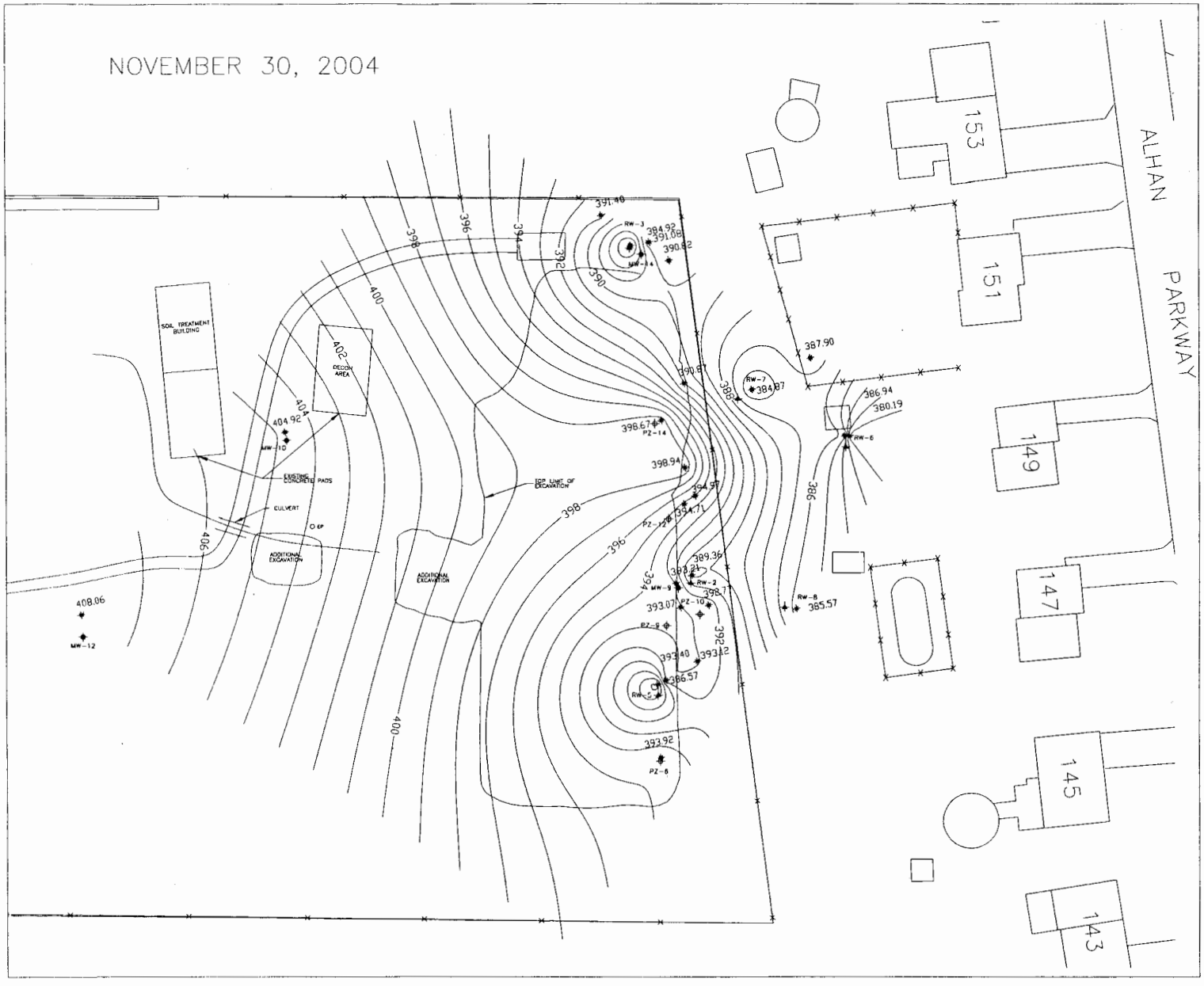
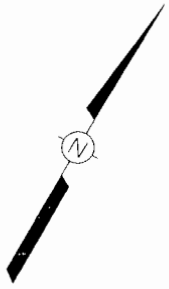
BASE MAP PROVIDED BY IT CORPORATION

FIGURE 2A
CONTOUR MAP OF
GROUNDWATER ELEVATIONS

MAESTRI SITE
904 STATE FAIR BLVD.
GEDDES, NEW YORK





LEGEND

- MONITORING WELL
- RECOVERY WELL
- PIEZOMETER
- MAESTRI SITE PROPERTY BOUNDARY
- 8' HIGH SECURITY FENCE
- ELECTRIC POLE

SCALE

0 30 60 90 FEET

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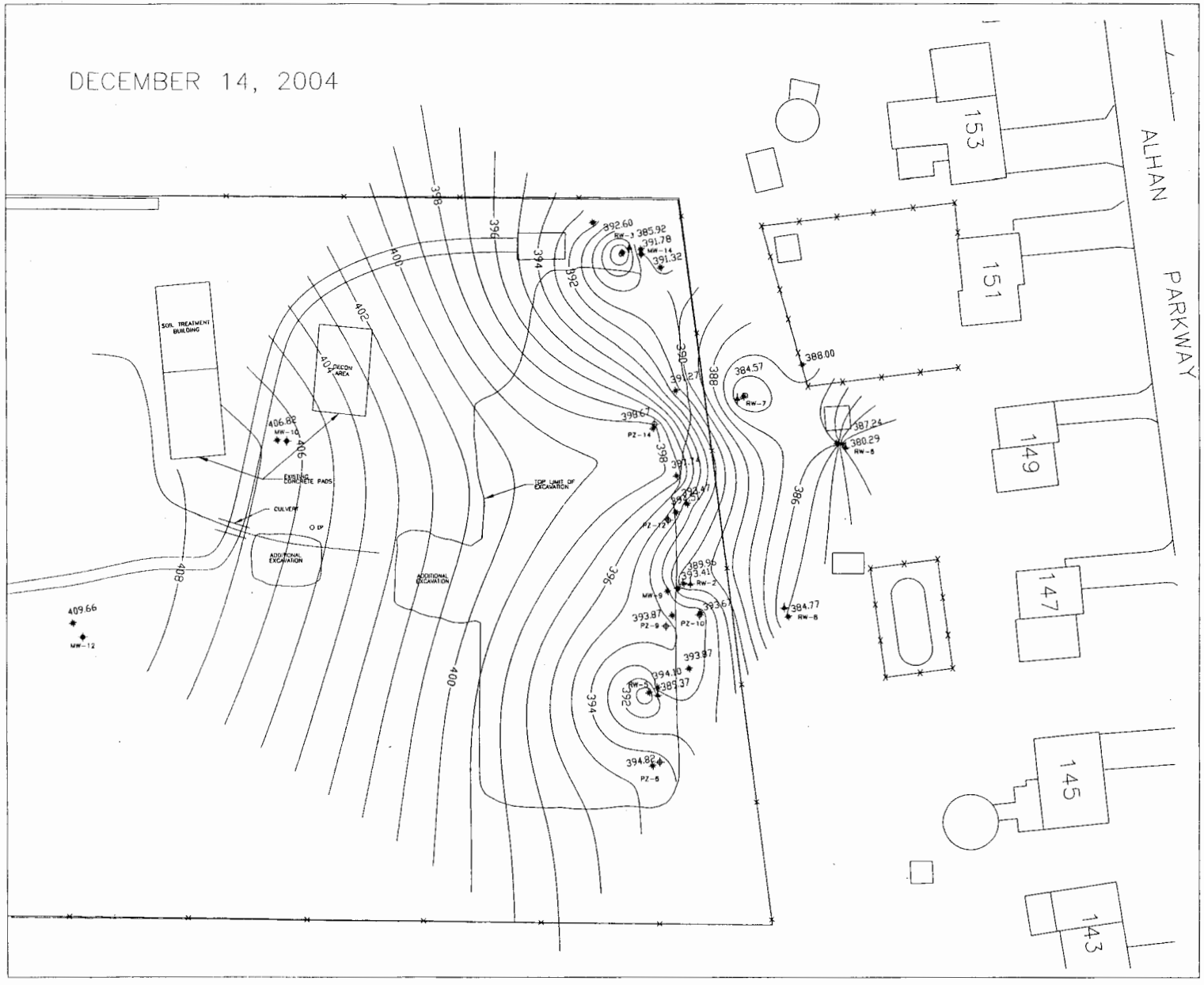
BASE MAP PROVIDED BY IT CORPORATION

FIGURE 2B
CONTOUR MAP OF
GROUNDWATER ELEVATIONS

MAESTRI SITE
904 STATE FAIR BLVD.
GEDDES, NEW YORK



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BASE MAP PROVIDED BY IT CORPORATION

FIGURE 2C
CONTOUR MAP OF
GROUNDWATER ELEVATIONS

MAESTRI SITE
904 STATE FAIR BLVD.
GEDDES, NEW YORK

Figure 3
Aquifer Thickness

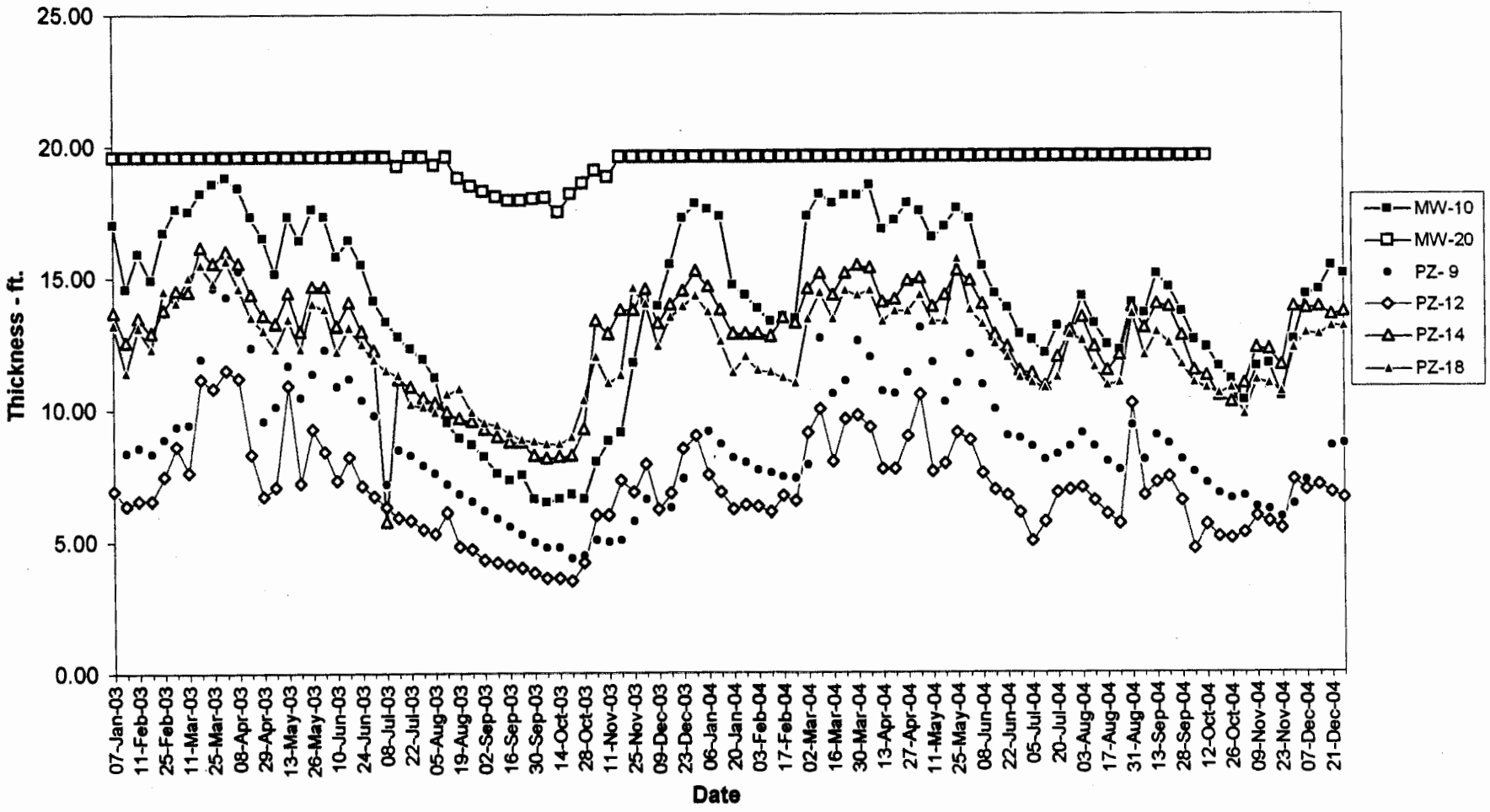

TABLE 2
Groundwater Treatment System Flowrates

Month	Average Daily Flowrate gpd	Maximum Daily Flowrate 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
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

Figure 4
Grounderwater Treatment System Flowrates

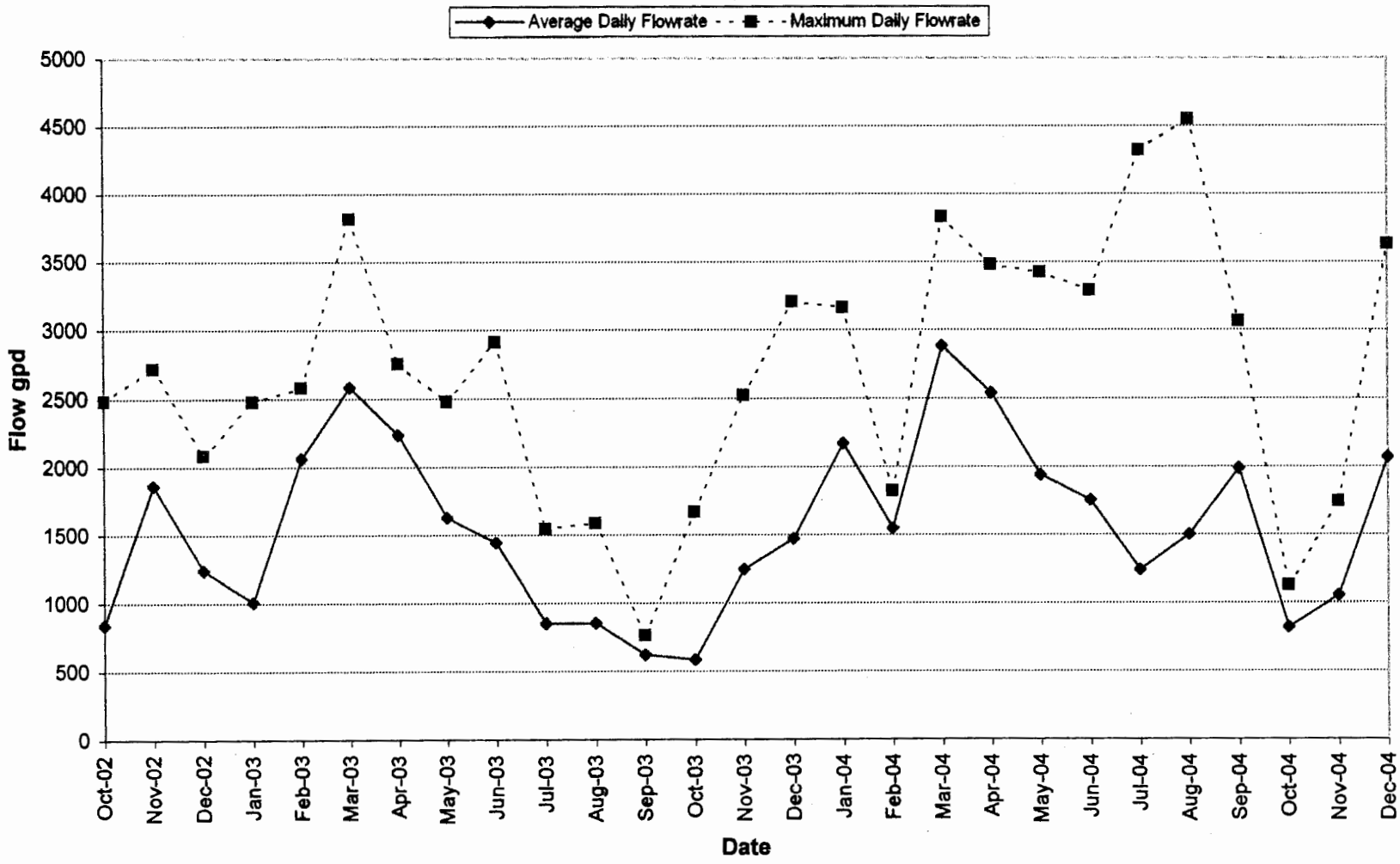

TABLE 3

Total Xylene Concentrations for Recovery Wells

micrograms/liter

Sample Date	RW-1	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

TABLE 3

Total Xylene Concentrations for Recovery Wells

micrograms/liter

Sample Date	RW-1	RW-2	RW-3	RW-4	RW-5	RW-6	RW-7	RW-8
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
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[t]
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

TABLE 3

Total Xylene Concentrations for Recovery Wells

micrograms/liter

Sample Date	RW-1	RW-2	RW-3	RW-4	RW-5	RW-6	RW-7	RW-8
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
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

NS - Not Sampled

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

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

[1] RW-8 sample on 8/7/2001 was resampled on 8/24/2001 due to original sample being cross contaminated

Figure 5A
Total Xylene Conc. in Recovery Wells

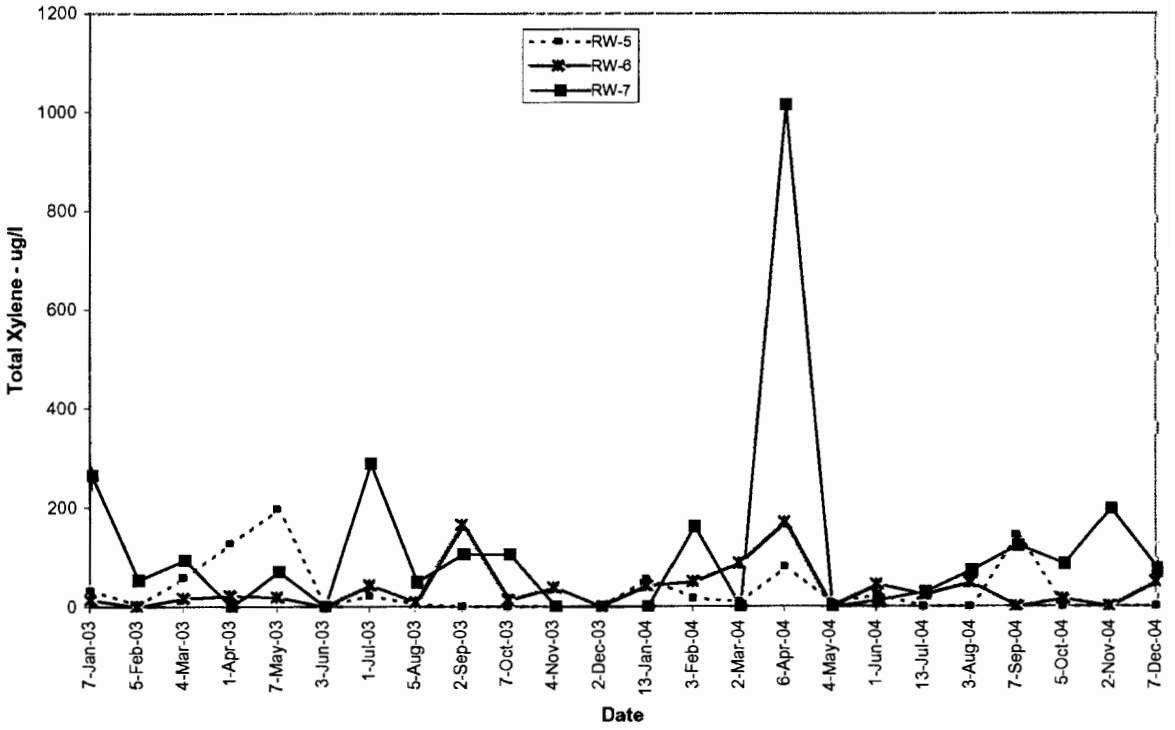

Figure 5B
Total Xylene Conc. in Recovery Wells

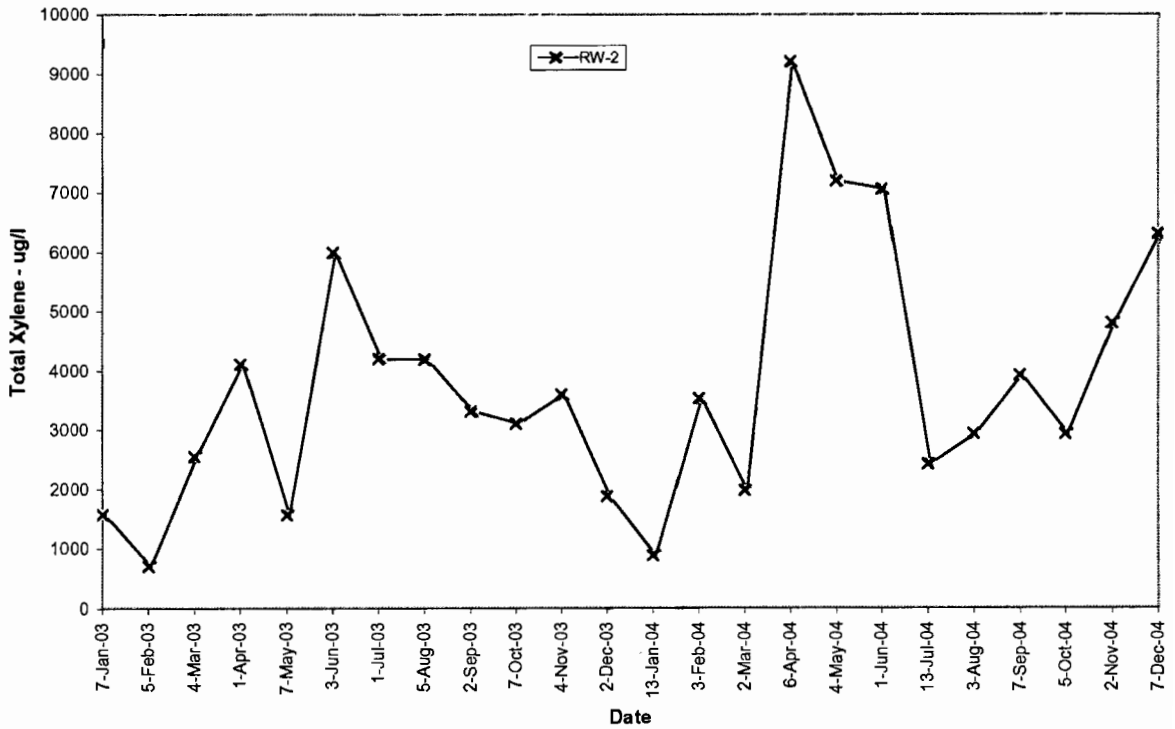

Figure 5C
Total Xylene Conc. in Recovery Wells

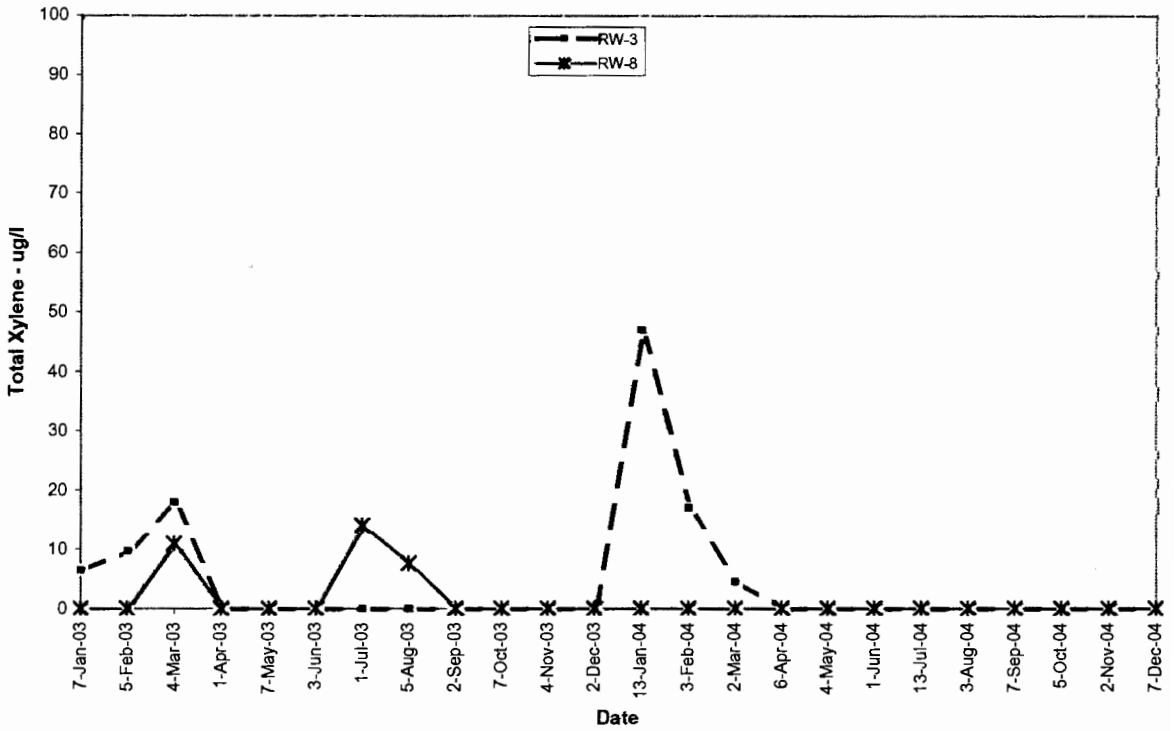

Figure 6
Total Xylene Conc. Vs Groundwater Elevation

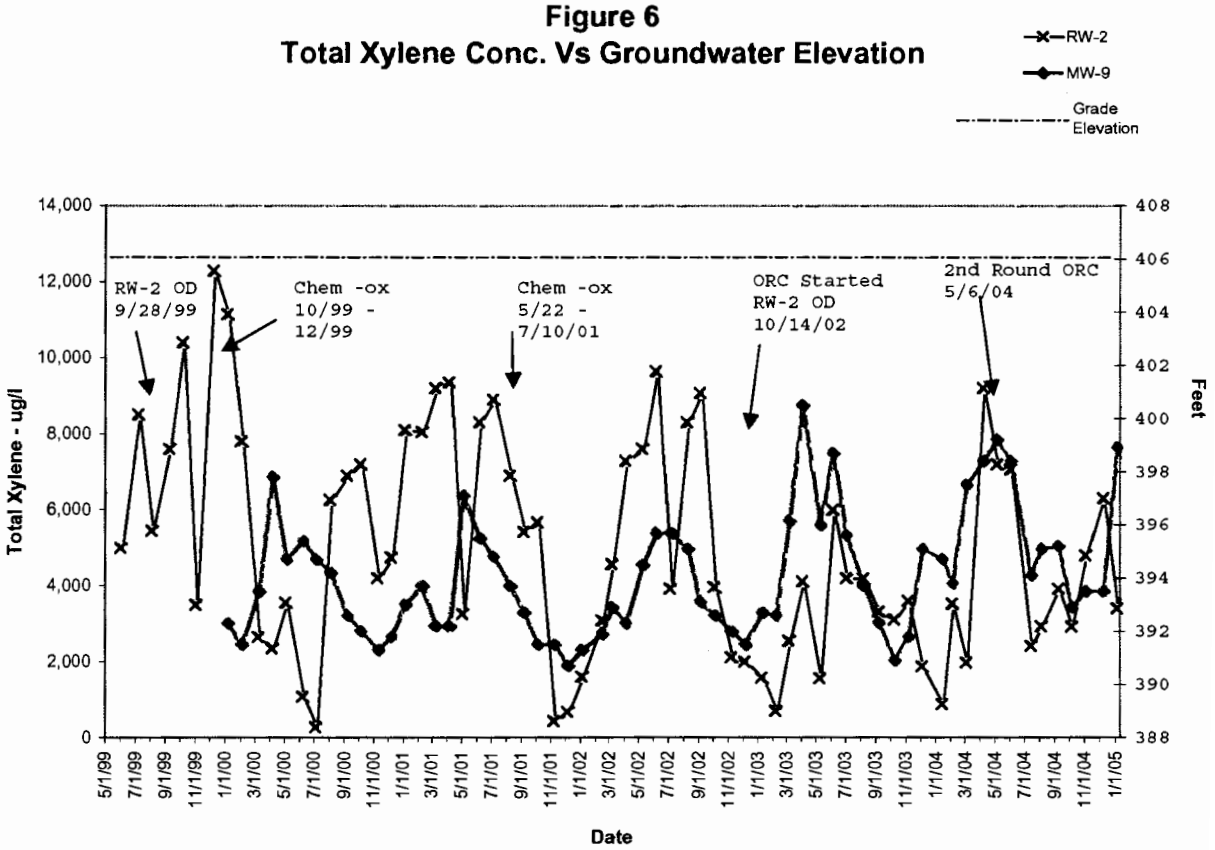

Table 4: Maestri Site ORC Injection Well Monitoring Results

	Date sampled 10/5/04			Date sampled 11/12/04			Date sampled 12/15/04		
	DO	pH	Temperature C	DO	pH	Temperature C	DO	pH	Temperature C
RW-2	1.3	8.4	11	1.4	8.3	11	1.7	8.3	12
RW-8	1.4	7.7	11	1.1	7.7	11	<1	7.8	12
A1	>20	11.8	11	>20	11.7	11	>20	11.4	12
A2	>20			>20			>20		
A3	>20			>20			>20		
A4	>20			>20			>20		
A5	>20	11.7	10	>20	11.3	10	>20	11.2	11
B1	>20			>20			>20		
B2	>20			>20			>20		
B3	>20	11.5	10	>20	11.4	10	>20	11.3	11
B4	>20			>20			>20		
B5	>20			>20			>20		
C1	>20			>20			>20		
C2	>20			>20			Dry		
C3	>20	11.4	10	>20	11.5	10	>20	11.1	11
C4	>20			>20			>20		
C5	>20			>20			>20		
D1	>20			>20			>20		
D2	>20			>20			>20		
D3	>20	11.6	10	>20	11.5	10	>20	11.7	11
D4	Blocked	Blocked	Blocked	Blocked	Blocked	Blocked	Blocked	Blocked	Blocked
D5	>20			>20			>20		
E1	>20	11.5	10	>20	11.4	10	>20	11.4	11
E2	>20			>20			>20		
E3	>20			>20			>20		
E4	>20			>20			>20		
E5	>20	11.7	9	>20	11.6	10	>20	11.6	11

[ ] Denotes wells required to be monitored under the DEC approved ORC work plan.

ATTACHMENTS

ATTACHMENT 1

Laboratory Analytical Data

CES Certified Environmental Services, Inc.

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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

PROJECT NAME: Skan Falls
DATE: 10/12/2004

(Page 1 of 1)

LAB No.	SAMPLE DATE	SAMPLE TIME	SAMPLER	DELIVERY TO LAB DATE	DELIVERY TO LAB TIME	MATRIX
379513	10/05/04		John Abraham	10/05/04	1540	WW
379514	10/05/04		John Abraham	10/05/04	1540	WW
379515	10/05/04		John Abraham	10/05/04	1540	WW
379516	10/05/04		John Abraham	10/05/04	1540	WW
379517	10/05/04		John Abraham	10/05/04	1540	WW
379518	10/05/04		John Abraham	10/05/04	1540	WW

CLIENT STATION ID	LAB NUMBER	TOTAL XYLENES ug/L
RW-2	379513	2925
RW-3	379514	< 15
RW-5	379515	< 3.0
RW-6	379516	15
RW-7	379517	86
RW-8	379518	< 3.0

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

PROJECT NAME: Skan Falls
DATE: 10/07/2004

SAMPLE NUMBER- 379512 SAMPLE ID- E-2 SAMPLE MATRIX- WW
DATE SAMPLED- 10/05/04
DATE RECEIVED- 10/05/04 SAMPLER- John Abraham RECEIVED BY- rlp
TIME RECEIVED- 1540 DELIVERED BY- Tom Barry TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
EPA 624 Volatiles	EPA 624	10/05/04		LRE		
Dichlorodifluoromethane	EPA 624	10/05/04		LRE	< 2.0	ug/L
Chloromethane	EPA 624	10/05/04		LRE	< 5.0	ug/L
Vinyl Chloride	EPA 624	10/05/04		LRE	< 1.0	ug/L
Bromomethane	EPA 624	10/05/04		LRE	< 5.0	ug/L
Chloroethane	EPA 624	10/05/04		LRE	< 5.0	ug/L
Trichlorofluoromethane	EPA 624	10/05/04		LRE	< 1.0	ug/L
1,1-Dichloroethene	EPA 624	10/05/04		LRE	< 1.0	ug/L
Methylene Chloride	EPA 624	10/05/04		LRE	< 1.0	ug/L
trans-1,2-Dichloroethene	EPA 624	10/05/04		LRE	< 1.0	ug/L
1,1-Dichloroethane	EPA 624	10/05/04		LRE	< 1.0	ug/L
2-Butanone (MEK)	EPA 624	10/05/04		LRE	< 5.0	ug/L
Chloroform	EPA 624	10/05/04		LRE	< 1.0	ug/L
1,1,1-Trichloroethane	EPA 624	10/05/04		LRE	< 1.0	ug/L
Carbon Tetrachloride	EPA 624	10/05/04		LRE	< 1.0	ug/L
1,2-Dichloroethane	EPA 624	10/05/04		LRE	< 1.0	ug/L
Benzene	EPA 624	10/05/04		LRE	< 1.0	ug/L
Trichloroethene	EPA 624	10/05/04		LRE	< 1.0	ug/L
1,2-Dichloropropane	EPA 624	10/05/04		LRE	< 1.0	ug/L
Bromodichloromethane	EPA 624	10/05/04		LRE	< 1.0	ug/L
2-Chloroethylvinyl Ether	EPA 624	10/05/04		LRE	< 5.0	ug/L

CES Certified Environmental Services, Inc.

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CONTINUATION OF DATA FOR SAMPLE NUMBER 379512

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
4-Methyl-2-Pentanone (MIBK)	EPA 624	10/05/04		LRE	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	10/05/04		LRE	< 1.0	ug/L
Toluene	EPA 624	10/05/04		LRE	< 1.0	ug/L
trans-1,3-Dichloropropene	EPA 624	10/05/04		LRE	< 1.0	ug/L
1,1,2-Trichloroethane	EPA 624	10/05/04		LRE	< 1.0	ug/L
Tetrachloroethene	EPA 624	10/05/04		LRE	< 1.0	ug/L
Dibromochloromethane	EPA 624	10/05/04		LRE	< 1.0	ug/L
Chlorobenzene	EPA 624	10/05/04		LRE	< 1.0	ug/L
Ethylbenzene	EPA 624	10/05/04		LRE	< 1.0	ug/L
m & p-Xylene	EPA 624	10/05/04		LRE	< 1.0	ug/L
o-Xylene	EPA 624	10/05/04		LRE	< 1.0	ug/L
Bromoform	EPA 624	10/05/04		LRE	< 1.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	10/05/04		LRE	< 1.0	ug/L
1,3-Dichlorobenzene	EPA 624	10/05/04		LRE	< 1.0	ug/L
1,4-Dichlorobenzene	EPA 624	10/05/04		LRE	< 1.0	ug/L
1,2-Dichlorobenzene	EPA 624	10/05/04		LRE	< 1.0	ug/L

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

PROJECT NAME: Skan Falls
DATE: 10/07/2004

SAMPLE NUMBER- 379511 SAMPLE ID- E-3 SAMPLE MATRIX- WW
DATE SAMPLED- 10/05/04
DATE RECEIVED- 10/05/04 SAMPLER- John Abraham RECEIVED BY- rlp
TIME RECEIVED- 1540 DELIVERED BY- Tom Barry TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
EPA 624 Volatiles	EPA 624	10/05/04		LRE		
Dichlorodifluoromethane	EPA 624	10/05/04		LRE	< 2.0	ug/L
Chloromethane	EPA 624	10/05/04		LRE	< 5.0	ug/L
Vinyl Chloride	EPA 624	10/05/04		LRE	< 1.0	ug/L
Bromomethane	EPA 624	10/05/04		LRE	< 5.0	ug/L
Chloroethane	EPA 624	10/05/04		LRE	< 5.0	ug/L
Trichlorofluoromethane	EPA 624	10/05/04		LRE	< 1.0	ug/L
1,1-Dichloroethene	EPA 624	10/05/04		LRE	< 1.0	ug/L
Methylene Chloride	EPA 624	10/05/04		LRE	< 1.0	ug/L
trans-1,2-Dichloroethene	EPA 624	10/05/04		LRE	< 1.0	ug/L
1,1-Dichloroethane	EPA 624	10/05/04		LRE	< 1.0	ug/L
2-Butanone (MEK)	EPA 624	10/05/04		LRE	< 5.0	ug/L
Chloroform	EPA 624	10/05/04		LRE	< 1.0	ug/L
1,1,1-Trichloroethane	EPA 624	10/05/04		LRE	< 1.0	ug/L
Carbon Tetrachloride	EPA 624	10/05/04		LRE	< 1.0	ug/L
1,2-Dichloroethane	EPA 624	10/05/04		LRE	< 1.0	ug/L
Benzene	EPA 624	10/05/04		LRE	< 1.0	ug/L
Trichloroethene	EPA 624	10/05/04		LRE	< 1.0	ug/L
1,2-Dichloropropane	EPA 624	10/05/04		LRE	< 1.0	ug/L
Bromodichloromethane	EPA 624	10/05/04		LRE	< 1.0	ug/L
2-Chloroethylvinyl Ether	EPA 624	10/05/04		LRE	< 5.0	ug/L

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CONTINUATION OF DATA FOR SAMPLE NUMBER 379511

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
4-Methyl-2-Pentanone (MIBK)	EPA 624	10/05/04		LRE	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	10/05/04		LRE	< 1.0	ug/L
Toluene	EPA 624	10/05/04		LRE	< 1.0	ug/L
trans-1,3-Dichloropropene	EPA 624	10/05/04		LRE	< 1.0	ug/L
1,1,2-Trichloroethane	EPA 624	10/05/04		LRE	< 1.0	ug/L
Tetrachloroethene	EPA 624	10/05/04		LRE	< 1.0	ug/L
Dibromochloromethane	EPA 624	10/05/04		LRE	< 1.0	ug/L
Chlorobenzene	EPA 624	10/05/04		LRE	< 1.0	ug/L
Ethylbenzene	EPA 624	10/05/04		LRE	< 1.0	ug/L
m & p-Xylene	EPA 624	10/05/04		LRE	< 1.0	ug/L
o-Xylene	EPA 624	10/05/04		LRE	< 1.0	ug/L
Bromoform	EPA 624	10/05/04		LRE	< 1.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	10/05/04		LRE	< 1.0	ug/L
1,3-Dichlorobenzene	EPA 624	10/05/04		LRE	< 1.0	ug/L
1,4-Dichlorobenzene	EPA 624	10/05/04		LRE	< 1.0	ug/L
1,2-Dichlorobenzene	EPA 624	10/05/04		LRE	< 1.0	ug/L

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

PROJECT NAME: Maestri
DATE: 11/09/2004

(Page 1 of 1)

LAB No.	SAMPLE DATE	SAMPLE TIME	SAMPLER	DELIVERY TO LAB DATE	DELIVERY TO LAB TIME	MATRIX
382043	11/02/04		John Abraham	11/02/04	1510	WW
382044	11/02/04		John Abraham	11/02/04	1510	WW
382045	11/02/04		John Abraham	11/02/04	1510	WW
382046	11/02/04		John Abraham	11/02/04	1510	WW
382047	11/02/04		John Abraham	11/02/04	1510	WW
382048	11/02/04		John Abraham	11/02/04	1510	WW

CLIENT STATION ID	LAB NUMBER	Total Xylenes ug/L
RW-2	382043	4800
RW-3	382044	< 3.0
RW-5	382045	< 15
RW-6	382046	< 3.0
RW-7	382047	197
RW-8	382048	2.8

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Barbara L. DuChene
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REPORT OF ANALYSES

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

PROJECT NAME: Maestri
DATE: 11/03/2004

SAMPLE NUMBER- 382042 SAMPLE ID- E-3 SAMPLE MATRIX- WW
DATE SAMPLED- 11/02/04
DATE RECEIVED- 11/02/04 SAMPLER- John Abraham RECEIVED BY- rlp
TIME RECEIVED- 1510 DELIVERED BY- Tom Barry TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
EPA 624 Volatiles	EPA 624	11/02/04		LRE		
Dichlorodifluoromethane	EPA 624	11/02/04		LRE	< 2.0	ug/L
Chloromethane	EPA 624	11/02/04		LRE	< 5.0	ug/L
Vinyl Chloride	EPA 624	11/02/04		LRE	< 1.0	ug/L
Bromomethane	EPA 624	11/02/04		LRE	< 5.0	ug/L
Chloroethane	EPA 624	11/02/04		LRE	< 5.0	ug/L
Trichlorofluoromethane	EPA 624	11/02/04		LRE	< 1.0	ug/L
1,1-Dichloroethene	EPA 624	11/02/04		LRE	< 1.0	ug/L
Methylene Chloride	EPA 624	11/02/04		LRE	< 1.0	ug/L
trans-1,2-Dichloroethene	EPA 624	11/02/04		LRE	< 1.0	ug/L
1,1-Dichloroethane	EPA 624	11/02/04		LRE	< 1.0	ug/L
2-Butanone (MEK)	EPA 624	11/02/04		LRE	< 5.0	ug/L
Chloroform	EPA 624	11/02/04		LRE	< 1.0	ug/L
1,1,1-Trichloroethane	EPA 624	11/02/04		LRE	< 1.0	ug/L
Carbon Tetrachloride	EPA 624	11/02/04		LRE	< 1.0	ug/L
1,2-Dichloroethane	EPA 624	11/02/04		LRE	< 1.0	ug/L
Benzene	EPA 624	11/02/04		LRE	< 1.0	ug/L
Trichloroethene	EPA 624	11/02/04		LRE	< 1.0	ug/L
1,2-Dichloropropane	EPA 624	11/02/04		LRE	< 1.0	ug/L
Bromodichloromethane	EPA 624	11/02/04		LRE	< 1.0	ug/L
2-Chloroethylvinyl Ether	EPA 624	11/02/04		LRE	< 5.0	ug/L

CES Certified Environmental Services, Inc.

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CONTINUATION OF DATA FOR SAMPLE NUMBER 382042

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
4-Methyl-2-Pentanone (MIBK)	EPA 624	11/02/04		LRE	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	11/02/04		LRE	< 1.0	ug/L
Toluene	EPA 624	11/02/04		LRE	< 1.0	ug/L
trans-1,3-Dichloropropene	EPA 624	11/02/04		LRE	< 1.0	ug/L
1,1,2-Trichloroethane	EPA 624	11/02/04		LRE	< 1.0	ug/L
Tetrachloroethene	EPA 624	11/02/04		LRE	< 1.0	ug/L
Dibromochloromethane	EPA 624	11/02/04		LRE	< 1.0	ug/L
Chlorobenzene	EPA 624	11/02/04		LRE	< 1.0	ug/L
Ethylbenzene	EPA 624	11/02/04		LRE	< 1.0	ug/L
m & p-Xylene	EPA 624	11/02/04		LRE	< 1.0	ug/L
o-Xylene	EPA 624	11/02/04		LRE	< 1.0	ug/L
Bromoform	EPA 624	11/02/04		LRE	< 1.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	11/02/04		LRE	< 1.0	ug/L
1,3-Dichlorobenzene	EPA 624	11/02/04		LRE	< 1.0	ug/L
1,4-Dichlorobenzene	EPA 624	11/02/04		LRE	< 1.0	ug/L
1,2-Dichlorobenzene	EPA 624	11/02/04		LRE	< 1.0	ug/L

NYSDOH LAB ID NO. 11246 APPROVED BY: _____
(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

CES 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. Everett Rice

PROJECT NAME: Maestri
DATE: 12/09/2004

(Page 1 of 1)

LAB No.	SAMPLE DATE	SAMPLE TIME	SAMPLER	DELIVERY TO LAB DATE	DELIVERY TO LAB TIME	MATRIX
384962	12/07/04		John Abraham	12/07/04	1535	WW
384963	12/07/04		John Abraham	12/07/04	1535	WW
384964	12/07/04		John Abraham	12/07/04	1535	WW
384965	12/07/04		John Abraham	12/07/04	1535	WW
384966	12/07/04		John Abraham	12/07/04	1535	WW
384967	12/07/04		John Abraham	12/07/04	1535	WW

CLIENT STATION ID	LAB NUMBER	TOTAL XYLENES ug/L
RW-2	384962	6305
RW-3	384963	< 3.0
RW-5	384964	< 3.0
RW-6	384965	49
RW-7	384966	76
RW-8	384967	< 3.0

NYSDOH LAB ID NO. 11246

APPROVED BY: _____
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REPORT OF ANALYSES

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

PROJECT NAME: Maestri
DATE: 12/08/2004

SAMPLE NUMBER- 384961 SAMPLE ID- E-3
DATE SAMPLED- 12/07/04
DATE RECEIVED- 12/07/04 SAMPLER- John Abraham
TIME RECEIVED- 1535 DELIVERED BY- Tom Barry

SAMPLE MATRIX- WW
RECEIVED BY- rlp
TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
EPA 624 Volatiles	EPA 624	12/08/04		LRE		
Dichlorodifluoromethane	EPA 624	12/08/04		LRE	< 2.0	ug/L
Chloromethane	EPA 624	12/08/04		LRE	< 5.0	ug/L
Vinyl Chloride	EPA 624	12/08/04		LRE	< 1.0	ug/L
Bromomethane	EPA 624	12/08/04		LRE	< 5.0	ug/L
Chloroethane	EPA 624	12/08/04		LRE	< 5.0	ug/L
Trichlorofluoromethane	EPA 624	12/08/04		LRE	< 1.0	ug/L
1,1-Dichloroethene	EPA 624	12/08/04		LRE	< 1.0	ug/L
Methylene Chloride	EPA 624	12/08/04		LRE	< 1.0	ug/L
trans-1,2-Dichloroethene	EPA 624	12/08/04		LRE	< 1.0	ug/L
1,1-Dichloroethane	EPA 624	12/08/04		LRE	< 1.0	ug/L
2-Butanone (MEK)	EPA 624	12/08/04		LRE	< 5.0	ug/L
Chloroform	EPA 624	12/08/04		LRE	< 1.0	ug/L
1,1,1-Trichloroethane	EPA 624	12/08/04		LRE	< 1.0	ug/L
Carbon Tetrachloride	EPA 624	12/08/04		LRE	< 1.0	ug/L
1,2-Dichloroethane	EPA 624	12/08/04		LRE	< 1.0	ug/L
Benzene	EPA 624	12/08/04		LRE	< 1.0	ug/L
Trichloroethene	EPA 624	12/08/04		LRE	< 1.0	ug/L
1,2-Dichloropropane	EPA 624	12/08/04		LRE	< 1.0	ug/L
Bromodichloromethane	EPA 624	12/08/04		LRE	< 1.0	ug/L
2-Chloroethylvinyl Ether	EPA 624	12/08/04		LRE	< 5.0	ug/L

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CONTINUATION OF DATA FOR SAMPLE NUMBER 384961

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
4-Methyl-2-Pentanone (MIBK)	EPA 624	12/08/04		LRE	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	12/08/04		LRE	< 1.0	ug/L
Toluene	EPA 624	12/08/04		LRE	< 1.0	ug/L
trans-1,3-Dichloropropene	EPA 624	12/08/04		LRE	< 1.0	ug/L
1,1,2-Trichloroethane	EPA 624	12/08/04		LRE	< 1.0	ug/L
Tetrachloroethene	EPA 624	12/08/04		LRE	< 1.0	ug/L
Dibromochloromethane	EPA 624	12/08/04		LRE	< 1.0	ug/L
Chlorobenzene	EPA 624	12/08/04		LRE	< 1.0	ug/L
Ethylbenzene	EPA 624	12/08/04		LRE	< 1.0	ug/L
m & p-Xylene	EPA 624	12/08/04		LRE	< 1.0	ug/L
o-Xylene	EPA 624	12/08/04		LRE	< 1.0	ug/L
Bromoform	EPA 624	12/08/04		LRE	< 1.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	12/08/04		LRE	< 1.0	ug/L
1,3-Dichlorobenzene	EPA 624	12/08/04		LRE	< 1.0	ug/L
1,4-Dichlorobenzene	EPA 624	12/08/04		LRE	< 1.0	ug/L
1,2-Dichlorobenzene	EPA 624	12/08/04		LRE	< 1.0	ug/L

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 - October 2004

DATE	BENZENE ug/l	VINYL CHLORIDE ug/l	o-XYLENE ug/l	m-XYLENE ug/l	p-XYLENE ug/l	pH
10/5/2004	<1.0	<2.0	<1.0	<1.0	<1.0	7.7
LIMIT	1.0	5.0	5.0	5.0	5.0	6.5-8.5

MONTHLY DAILY AVERAGE FLOW (GPD) =822
MONTHLY MAXIMUM DAILY FLOW (GPD) = 1129

MAESTRI EFFLUENT MONITORING REPORT - November 2004

DATE	BENZENE ug/l	VINYL CHLORIDE ug/l	o-XYLENE ug/l	m-XYLENE ug/l	p-XYLENE ug/l	pH
11/2/2004	<1.0	<2.0	<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) =1050
MONTHLY MAXIMUM DAILY FLOW (GPD) = 1750

MAESTRI EFFLUENT MONITORING REPORT - December 2004

DATE	BENZENE ug/l	VINYL CHLORIDE ug/l	o-XYLENE ug/l	m-XYLENE ug/l	p-XYLENE ug/l	pH
12/7/2004	<1.0	<2.0	<1.0	<1.0	<1.0	7.7
LIMIT	1.0	5.0	5.0	5.0	5.0	6.5-8.5

MONTHLY DAILY AVERAGE FLOW (GPD) = 2,070
MONTHLY MAXIMUM DAILY FLOW (GPD) = 3,638

ATTACHMENT 3

Off-site Well Decommissioning

SPEC CONSULTING, LLC

SPEC Consulting, LLC
18 Computer Drive West
Albany, NY 12205

Phone: 518.438.6809
Fax: 518.438.8527

Report No. _____
Page No. 1 of 1
Date _____

Weather	Temperature	
Clear	High	45 °F
	Low	65 °F

SITE OBSERVATION REPORT

Project Maestri Project No. 99-059

Location Geddes NY

10/14/04:

On-Site:

- Abscope
- Parratt Wolff (PW)
- SPEC

Work:

On-site 8.30 am.
Tool box meeting

MW-20

Talked to owner by MW-20. They stated they were please with notification and work being done by SMC.
Put down supports for truck, pulled concrete cover.
Gauged well, total depth 16.45 ft, water 6" bgs.
Well was 2" S/S, decided to try and pull well instead of over drilling as auger may catch of well.
Successfully pulled well and screen (screen 10') 9.10 am.
Well opening still intact full depth and tremi gouted hole to grade.
Came back at 12.00 and topped up well with ground (ground settled 1ft)

MW-17

Gauged well, total depth 18.7 ft, water 6.7" bgs 9.30 am.
Well next to swing set in backyard, limited truck access.
Removed concrete, cut well below grade, and tremi grounded well by hand.
Came back at 12.00 and topped up well with ground (ground settled 3 ft)

MW-15 and 16

Owner not home.
Gauged well, MW-15 total depth 42.9 ft, water 5.5' bgs; MW-16 total depth 14.7 ft, water 4.5' bgs 10.15 am.
Wells next to swimming pool and concrete surface mount under fame work for pool so decided not to breakup concrete.
Removed cast covers and due to limited truck access tremi grounded well by hand.
Came back at 11.30 and topped up well with ground (ground settles 2 ft in both wells)
After tremi grouting filled in well to grade with portland concrete mix.

MW-18 and 19

Owner home, just purchased house and was OK with work being done.
Gauged well, MW-18 total depth 15.2 ft, water 3.3' bgs; MW-19 total depth 36.5 ft, water 6.5' bgs 11.00 am..
Wells next to trees in backyard, limited truck access.
Removed concrete, cut wells below grade and tremi grounded well by hand.
Came back at 12.00 and topped up well with ground (ground settled 1 ft)

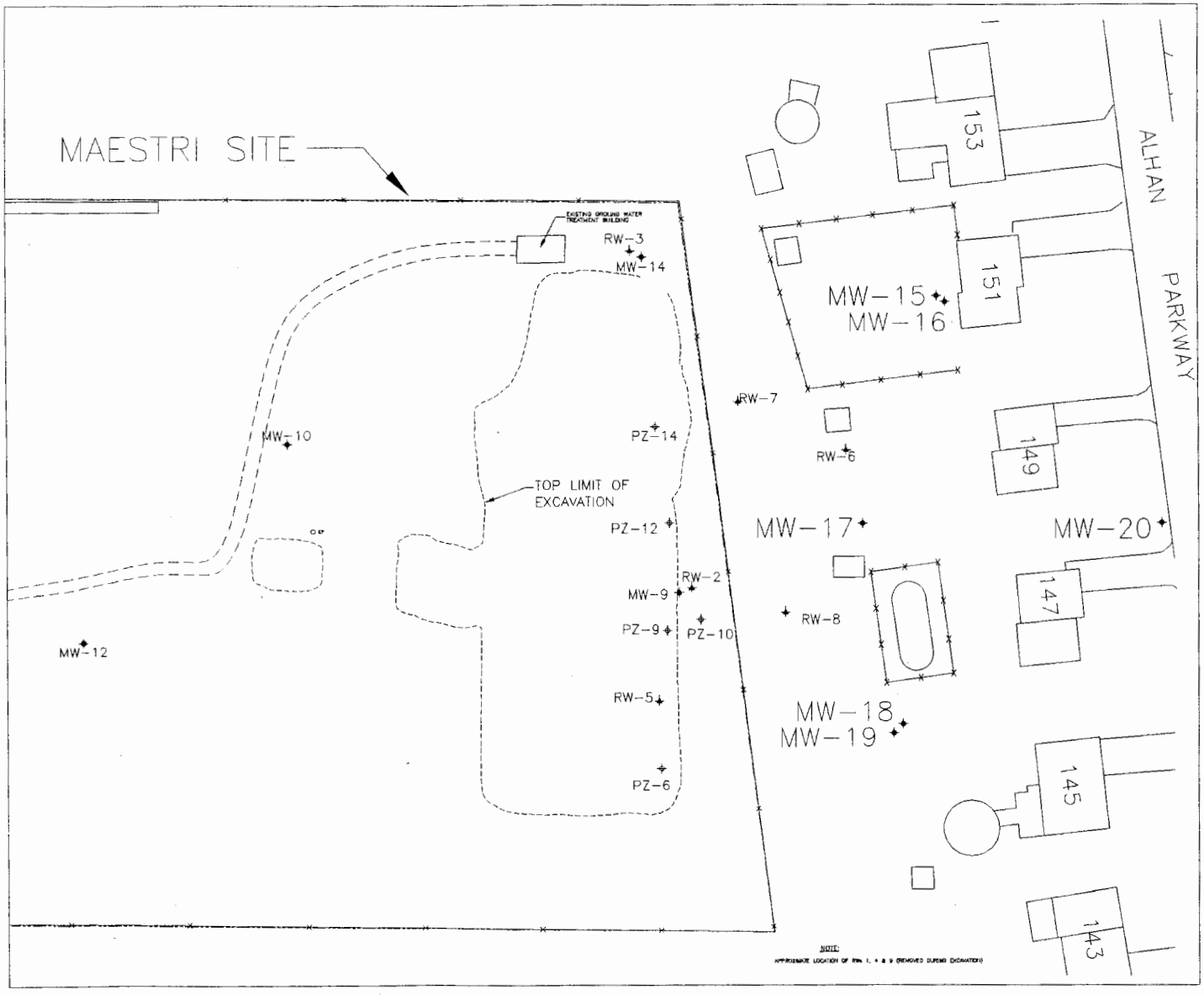
No odors noted during decommissioning of wells.
Rob from Abscope arrived onsite to measure areas requiring placement of sod.
Sod to be placed by Rob the next day.

PW loaded concrete, well rises, covers etc. on truck for disposal.

Demobilized from site 2 pm.

The above comments were made by: W Foy

Photographs See photo log



STAUFFER
MANAGEMENT COMPANY

BASE MAP PROVIDED BY IT CORPORATION

FIGURE 1

GROUNDWATER WELL LOCATIONS

MAESTRI SITE
904 STATE FAIR BLVD.
GEDDES, NEW YORK

SPEC Consulting
Photographic Record

Customer:	Stauffer Management Co.	**Project Number:**	99-059
Site Name:	Maestri	**Site Location:**	Geddes, New York

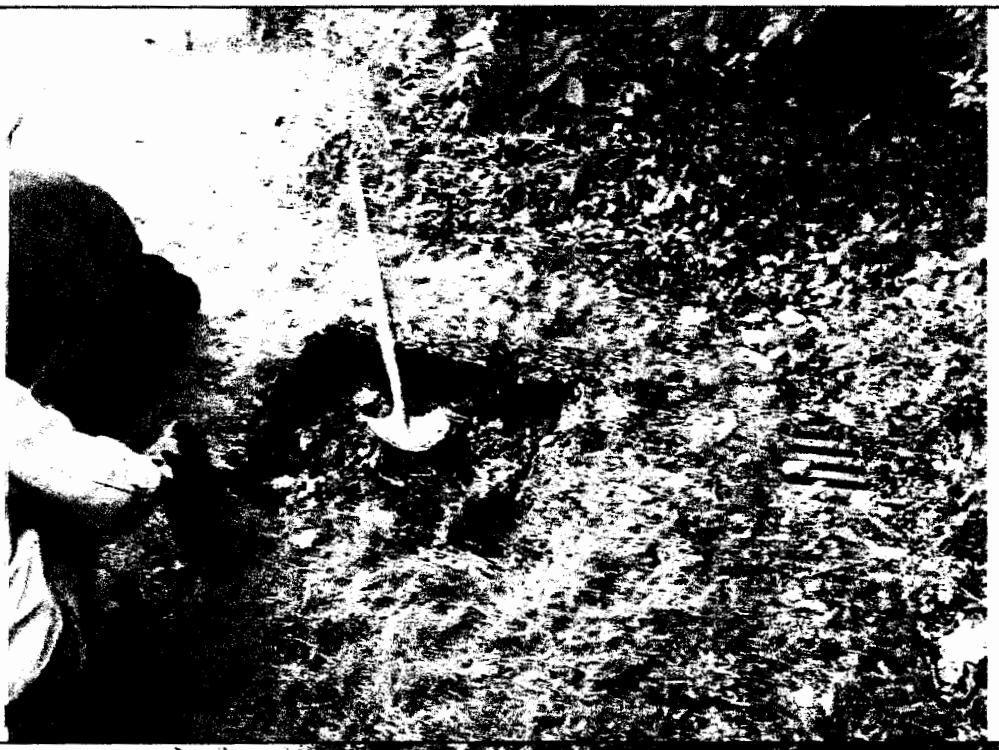
Photographer:

W Foy

Date: 10/14/04

Direction:
South

Comments:
MW-17, removed concrete surface mount and cut well riser to grade.



Photographer:

W Foy

Date: 10/14/04

Direction:
South

Comments:
MW-17. Tremi grouting well.

SPEC Consulting
Photographic Record

Customer:	**Stauffer Management Co.**	**Project Number:**	**99-059**
Site Name:	**Maestri**	**Site Location:**	**Geddes, New York**

Photographer:

W Foy

Date: 10/14/04

Direction:
South

Comments:
MW-17 After grouting and prior to sod being placed by Abscope the next day.

Photographer:

W Foy

Date: 10/14/04

Direction:
North West

Comments:
MW-18 & 19 Removing concrete around wells.

SPEC Consulting
Photographic Record

Customer:	**Stauffer Management Co.**	**Project Number:**	**99-059**
Site Name:	**Maestri**	**Site Location:**	**Geddes, New York**

Photographer:

W Foy

Date: 10/14/04

Direction:
South

Comments:
MW-18 &19 After grouting and prior to sod being placed by Abscope the next day..

SPEC Consulting
Photographic Record

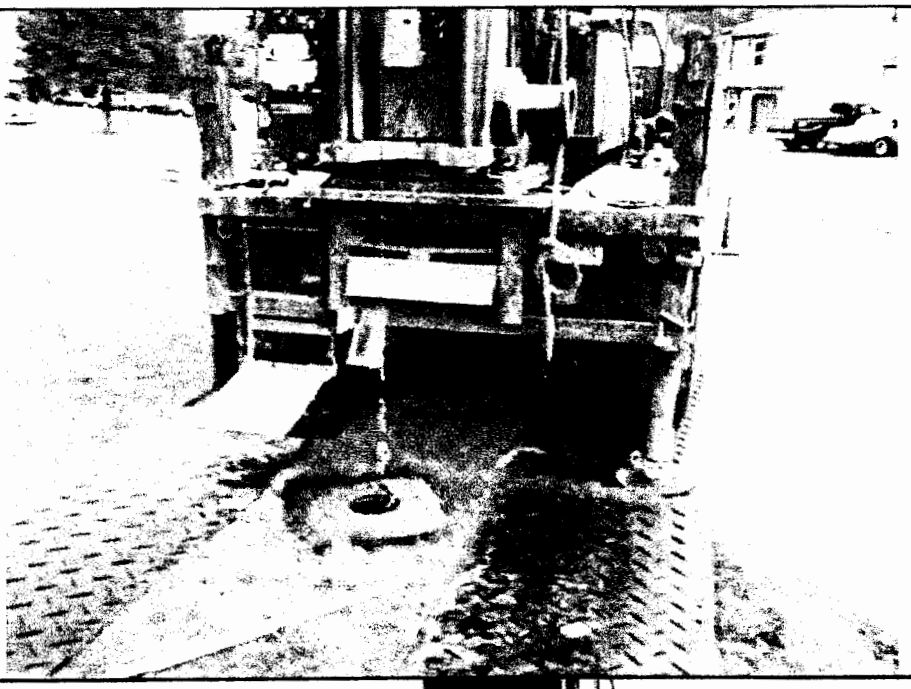
Customer:	Stauffer Management Co.	**Project Number:**	99-059
Site Name:	Maestri	**Site Location:**	Geddes, New York

Photographer:
W Foy

Date: 10/14/04

Direction:
North

Comments:
Setting up rig and pulling MW-20 surface mount



Photographer:
W Foy

Date: 10/14/04

Direction:
North

Comments:
Pulling well and overdrilling MW-20

SPEC Consulting
Photographic Record

Customer:	**Stauffer Management Co.**	**Project Number:**	**99-059**
Site Name:	**Maestri**	**Site Location:**	**Geddes, New York**

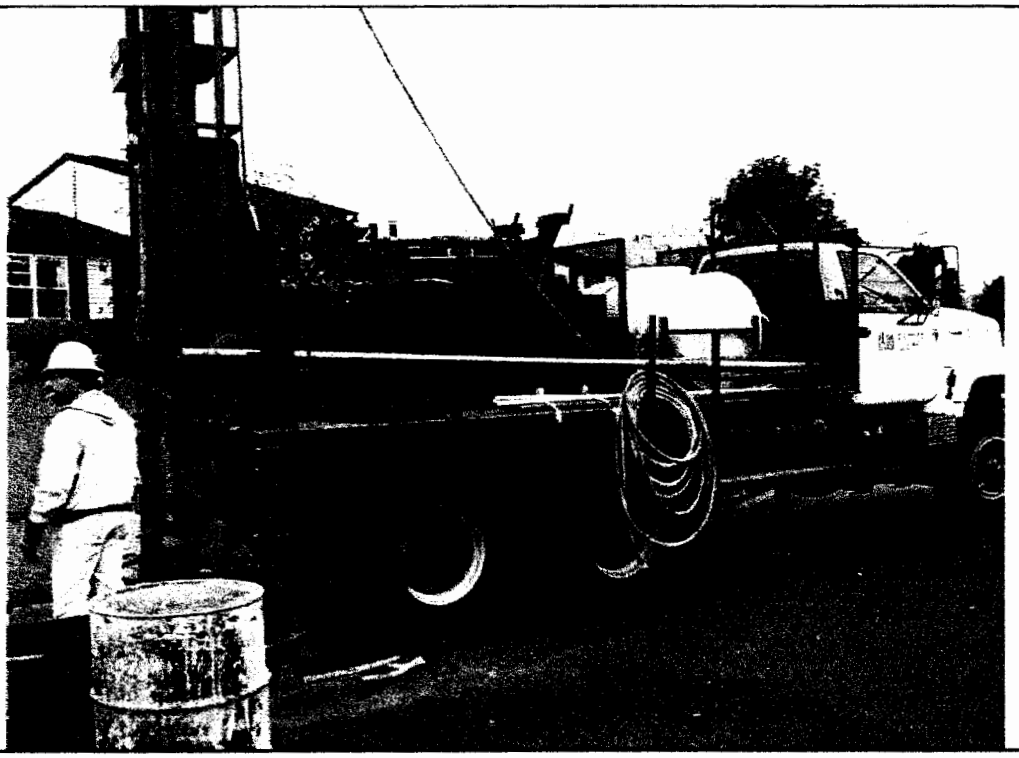
Photographer:

W Foy

Date: 10/14/04

Direction:
North West

Comments:
Well rise and screen on side of truch and starting tremi grounding well



Photographer:

W Foy

Date: 10/14/04

Direction:
North West

Comments:
MW-20 grounded to below grade, grass sod to be placed in area next day by Abscope Env.

SPEC Consulting
Photographic Record

Customer: Stauffer Management Co. **Project Number:** 99-059

Site Name: Maestri **Site Location:** Geddes, New York

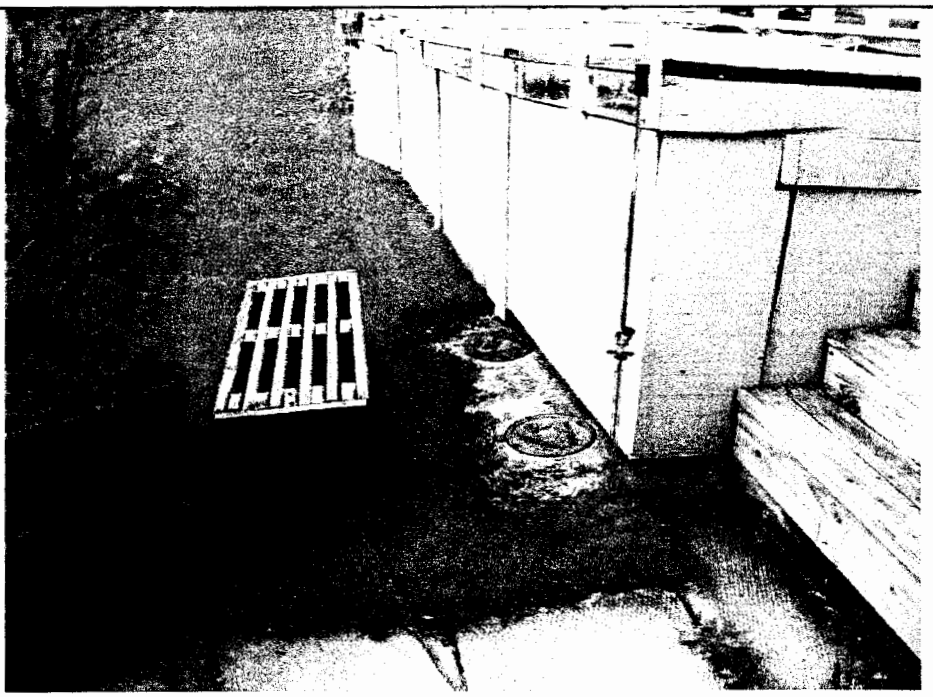
Photographer:

W Foy

Date: 10/14/04

Direction:
West

Comments:
MW-15 & 16.
Concrete runs under swimming pool structure.



Photographer:

W Foy

Date: 10/14/04

Direction:
West

Comments:
Site overview .

Removed cast well covers, tremi grouted wells and concreted to grade.