DELAWARE ENGINEERING, P.C.
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Albany, New York 12203
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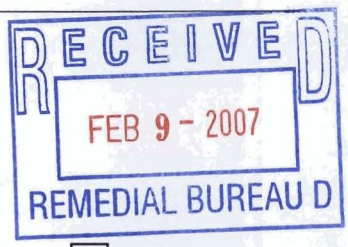
LETTER OF TRANSMITTAL

DATE: 2/6/2007	JOB NO.: 06-450
ATTENTION: Susan Lasdin	
RE: City of Rome - Tannery Road Landfill	

TO **NYSDEC**
625 Broadway
Albany, New York 12233



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SIGNED: Ed Fahrenkopf

CITY OF ROME

TANNERY ROAD LANDFILL

2006 ANNUAL REPORT

Prepared for:

City of Rome
City Hall 198 N. Washington Street
Rome, New York 13440

Prepared by:

Delaware Engineering, P.C.
28 Madison Avenue Extension
Albany, New York 12203

February 2007

TABLE OF CONTENTS

List of Appendices

List of Figures

1.0 INTRODUCTION

This document presents the 2006 annual report for the post closure operations, including maintenance and monitoring activities for the closed City of Rome Landfill located on Tannery Road in the City of Rome, Oneida County, New York. Final closure of the landfill was completed in September 1997 and in January 1999 the New York State Department of Environmental Conservation (NYSDEC) approved the closure certification report.

The post closure maintenance and monitoring activities were performed pursuant to the Operation, Maintenance and Monitoring Plan (Revised October 19, 1999) that was approved by the NYSDEC. This annual report covers the period from February 2006 through January 2007.

Pursuant to the approved Operation, Maintenance and Monitoring Plan (O&M), this annual report provides the following information:

- The results of all ground water and leachate quality analytical data.
- The amount of ground water/leachate collected from the recovery wells.
- Water level monitoring and ground water contour maps for March, June, September and December 2006.
- Monthly Inspection Data.

2.0 GROUND WATER AND LEACHTE ANALYTICAL DATA

During 2006, ground water samples were collected in March, June, September and December from monitoring wells MW-1S, MW-3S, MW-4S, MW-5S, MW-7D and groundwater/leachate well LMW-10. The June, September and December samples were analyzed for the NYSDEC Part 360 Routine parameters. The samples collected in March 2006 were analyzed for the Part 360 Baseline parameters.

Analytical results have been previously submitted to the NYSDEC in the quarterly monitoring reports. Tables summarizing the analytical data for each monitoring well from March 1999 to present are provided in Appendix A. Concentrations that exceeded the New York State ground water standard are presented in a bold font.

The ground water analytical data from 2006 demonstrate that ground water in the vicinity of monitoring wells MW-2D, MW-3S, MW-4S and MW-7D continue to exhibit elevated concentrations of landfill related constituents. In 2006 ground water from monitoring wells MW-2D, MW-3S, MW-4S and MW-7D continued to consistently exhibit ammonia concentrations above the ground water standard and/or upgradient MW-9S concentrations. Potassium concentrations in ground water in the vicinity of monitoring wells MW-3S and MW-7D were higher than the upgradient MW-9S concentration as were the MW-7D iron and chloride concentrations. Ground water from monitoring well MW-7D continues to exhibit benzene and total xylenes above the ground water standard.

Graphs of parameter concentration over time (trend graphs) for several leachate indicator parameters (alkalinity, ammonia, chloride, iron, potassium, sodium, TDS) for each monitoring well are provided in Appendix C. The trend graphs indicate that MW-3S ground water alkalinity, chloride, iron, sodium and TDS concentrations have exhibited a decreasing trend from the 1999 concentrations and appear to have stabilized at the current concentrations. The MW-3S ground water concentrations of ammonia and potassium continue to exhibit a decreasing trend. Data indicate that implementation of the procedures stipulated in the Record of Decision have resulted in an improvement in the ground water quality in the vicinity of monitoring well MW-3S.

3.0 GROUND WATER ELEVATION DATA

Consistent with the O&M plan, ground water elevation data were measured monthly from monitoring wells MW-1S, MW-2S, MW-3S, MW-4S, MW-5S, MW-7S, MW-9S, piezometer PZ-1 and leachate wells LMW-10, LMW-11 and LMW-12. A summary of the 2006 ground water elevation data is provided in Table 1. Ground water contour maps for March, June, September and December 2006 have been provided in the quarterly ground water monitoring reports and are also provided in this report. Graphs depicting ground water elevations over time for each monitoring well are provided in Appendix C.

Monitoring well MW-9S has been considered upgradient of the landfill. However, historical ground water elevation data indicate that there are periods when the ground water level elevation in MW-9S are lower than the water level elevation in landfill leachate wells LMW-10, LMW-11 and LMW-12 and lower than the ground water elevation in monitoring well MW-3. Monitoring well MW-9S is located at a greater distance in an upgradient direction from the landfill than any other monitoring well, and would be expected to exhibit less of a landfill related impact on ground water quality, if any, than any other landfill monitoring well. Therefore, for the purpose of comparing ground water analytical results, ground water data from monitoring well MW-9S has been considered representative of background conditions.

The monthly ground water elevation data for 2006 indicates that throughout 2006, ground water elevations in monitoring wells MW-3S, MW-4S, MW-5S and MW-9S were higher than the LMW-10, LMW-11 and LMW-12 leachate monitoring well elevations, indicating an inward gradient at these locations. MW-2S ground water elevations were higher than the LMW-10S ground water elevations in all months except May, August and September, indicating an overall inward gradient with respect to LMW-10S. Data indicate that the leachate recovery wells have reduced the volume of leachate in the landfill and reduced the overall head difference between the landfill and the monitoring wells located outside the slurry/sheet pile wall.

4.0 SITE INSPECTIONS

4.1 Weekly Site Inspections

City of Rome personnel in accordance with the procedures detailed in the O&M manual performed weekly landfill inspections. The weekly inspections included evaluation of the ground water/leachate pumping operation and general site security. As noted in the 2004 annual report,

in October 2004, City of Rome personnel repaired one of the breaches in the diversion berm located west of the north stormwater swale, repaired the erosion outside the landfill fence at the end of the southern stormwater swale and repaired the erosion on the southeast side of the landfill. The erosion at the end of the southern stormwater swale was repaired using medium to heavy riprap and subsequent inspections conducted throughout 2006 indicated that the erosion problem in this area has been adequately resolved. Erosion along the fence and tack on berm at the southeast end of the landfill continues to be a concern.

4.2 Monthly Inspections

Delaware Engineering performed monthly landfill inspections. The inspections included general review of landfill cap conditions, general site conditions, evaluation and recording of data for the ground water/leachate pumping system, collection of ground water levels and operability of the landfill flares and passive gas vents. In March, June, September and December, ground water samples were collected and submitted for analysis as discussed in Section 2.0. The annual gas vent inspection and hydrogen sulfide measurements were conducted in August 2006. Copies of the completed inspection forms are provided in Appendix D.

Erosion along the fence at the southeast end of the landfill continues to be a concern. In the spring of 2007 it is recommended that the soil be replaced, an erosion control mat (North American Green P550 or Curlex HVHD or equivalent) be installed and the area seeded.

5.0 GROUND WATER / LEACHATE PUMPING SYSTEM

For each recovery well, readings from the flow totalizers in the meter pit were recorded during the monthly inspections. Leachate flows for each recovery well for the period from January,

2006 to January 19, 2007 are presented below. A summary of the monthly leachate pumping volumes is provided in Table 2.

RW-1	0 gallons
RW-2	1,698,000 gallons
RW-3	474,600 gallons
RW-4	0 gallons
Total Gallons	2,172,100 gallons

A summary of the total gallons of leachate that have been pumped from the landfill since 1998 is provided in the following table.

YEAR	RW-1	RW-2	RW-3	RW-4	TOTAL
1998 (To 12/18/98)	998,300	1,403,300	366,300	328,900	3,096,800
1999 (12/18/98 to 12/20/99	822,193	1,334,300	318,500	141,000	2,615,993
2000 (12/20/99 to1/12/01	724,800	1,351,300	223,200	0	2,299,300

2001 (1/12/01 to 1/16/02)	596,400	1,179,900	297,500	0	2,073,800
2002 (1/16/02 to 1/9/03)	515,900	1,025,600	414,400	299,300	2,255,200
2003 (1/9/03 to 1/29/04)	487,500	1,040,800	632,900	1,497,400	3,658,600
2004 (1/29/04 to 1/20/05)	428,200	1,016,100	384,100	1,004,500	2,832,900
2005 (1/20/05 to (1/17/06)	-28,000	522,300	381,400	622,600	1,497,900
2006 (1/17/06 to (1/19/07)	0	1,698,000	474,600	0	2,172,100
Total	4,545,493	10,571,600	3,492,900	3,893,000	22,502,593

During 2006 recovery wells RW-1 and RW-4 were non functional. It is anticipated that new leachate recovery wells will be installed at the RW-1 and RW-4 locations in the spring of 2007. As noted in the 2005 annual report a video inspection of RW-1 and RW-4 revealed that the well casings had collapsed prohibiting the discharge of leachate from the pumps. Continual shifting of the landfill mass has previously affected site monitoring wells and leachate recover well RW-4. Recovery wells RW-1 and RW-4 will be replaced in the spring of 2007. The City of Rome has contracted Atlantic Testing and Drilling (ATD) to install the replacement recovery wells. ATD in conjunction with Delaware Engineering are evaluating alternative recovery well installation and construction options that could be used to minimize future damage to the recovery wells.

6.0 RECOMMENDATIONS

As discussed in Section 3.0, ground water from monitoring wells MW-2D, MW-3S, MW-4S and MW-7S have continue to exhibit ammonia concentrations that exceed both the NYSDEC ground water standards and upgradient MW-9S concentrations. Ground water quality adjacent to the landfill has been adequately characterized. The landfill has been capped and leachate is actively pumped from the waste mass via the on-site recovery wells. Ground water quality is not expected to significantly change on a quarterly basis. Therefore, semi-annual collection and analysis of ground water from the on-site monitoring wells would provide adequate ground water monitoring

The City of Rome requests that NYSDEC approve a reduction in ground water monitoring to semi-annual (April and October). On an alternating basis, samples collected during one of the semi-annual events would be analyzed for the Part 360 baseline parameters and the samples from the other monitoring event would be analyzed for the Part 360 routine parameters. Ground water elevation data would continue to be obtained on a monthly basis.

TABLES

Table 1
Summary of 2006 Ground Water Elevation Data, Comparison to LMW-10 and LMW-12
City of Rome Tannery Road Landfill

WELL	MEASURING POINT ELEVATION (FT.)	DEPTH TO WATER (FT.) 1/17/06	2/28/06	3/28/06	4/26/06	5/24/06	6/28/06	7/28/06	8/30/06	9/26/06	10/25/06	11/22/06	12/13/06	1/19/07
MW-1S	449.59	4.71	5.35	4.97	4.85	5.63	3.91	5.39	6.71	6.77	4.46	4.67	4.77	4.62
MW-2S	459.44	6.31	7.51	6.77	6.65	8.26	6.26	7.19	8.91	8.81	5.86	6.27	6.8	6.18
MW-3S	456.4	Frozen	3.87	3.59	3.57	4.08	3.28	3.61	4.14	4.12	3.44	3.61	3.54	3.56
MW-4S	456.19	3.87	3.97	3.86	3.9	4.19	3.67	3.83	4.47	4.93	3.79	3.8	3.7	3.66
MW-5S	457.15	4.46	4.87	4.44	4.45	5.27	3.48	4.65	5.86	6.21	4.14	4.45	4.45	4.41
MW-7S	452.25	7.77	8	7.81	7.89	8.57	8.18	8.07	9.49	10.27	7.72	7.36	7.6	7.1
MW-9S	456.38	3.94	4.07	3.93	3.95	4.21	3.6	3.9	4.21	4.16	3.72	3.75	3.7	3.71
LMW-10	486.3	35.2	35	35.11	35.11	35.12	35.09	34.88	35.24	35.37	35.2	35.22	34.78	34.52
LMW-11	502.4	52	51.88	51.96	51.9	51.86	52	51.82	52.08	52.22	52.09	52.03	51.69	51.43
LMW-12	483.11	32.23	31.97	31.99	32	32.14	32.3	32.04	32.33	32.56	32.35	32.04	31.77	31.6
PZ-1	454.37	5.8	6.61	5.83	5.95	7.23	5.01	6.39	7.91	8.47	5.41	5.72	5.72	5.51
MW-7D	451.79	7.91	8.1	7.9	8.08	8.85	8.7	8.42	9.65	10.3	7.93	7.23	7.64	6.89

WELL	WATER LEVEL ELEVATION (FT.) 1/17/06	2/28/06	3/28/06	4/26/06	5/24/06	6/28/06	7/28/06	8/30/06	9/26/06	10/25/06	11/22/06	12/13/06	1/19/07
MW-1S	444.88	444.24	444.62	444.74	443.96	445.68	444.2	442.88	442.82	445.13	444.92	444.82	444.97
MW-2S	453.13	451.93	452.67	452.79	451.18	453.18	452.25	450.53	450.63	453.58	453.17	452.64	453.26
MW-3S	NA	452.53	452.81	452.83	452.32	453.12	452.79	452.26	452.28	452.96	452.79	452.86	452.84
MW-4S	452.32	452.22	452.33	452.29	452	452.52	452.36	451.72	451.26	452.4	452.39	452.49	452.53
MW-5S	452.69	452.28	452.71	452.7	451.88	453.67	452.5	451.29	450.94	453.01	452.7	452.7	452.74
MW-7S	444.48	444.25	444.44	444.36	443.68	444.07	444.18	442.76	441.98	444.53	444.89	444.65	445.15
MW-9S	452.44	452.31	452.45	452.43	452.17	452.78	452.48	452.17	452.22	452.66	452.63	452.68	452.67
LMW-10	451.1	451.3	451.19	451.19	451.18	451.21	451.42	451.06	450.93	451.1	451.08	451.52	451.78
LMW-11	450.4	450.52	450.44	450.5	450.54	450.4	450.58	450.32	450.18	450.31	450.37	450.71	450.97
LMW-12	450.88	451.14	451.12	451.11	450.97	450.81	451.07	450.78	450.55	450.76	451.07	451.34	451.51
PZ-1	448.57	447.76	448.54	448.42	447.14	449.36	447.98	446.46	445.9	448.96	448.65	448.65	448.86
MW-7D	443.88	443.69	443.89	443.71	442.94	443.09	443.37	442.14	441.49	443.86	444.56	444.15	444.9

WELL	WATER LEVEL ELEVATION DIFFERENCE (FT.) RELATIVE TO LMW-12 [2] 1/17/06	2/28/06	3/28/06	4/26/06	5/24/06	6/28/06	7/28/06	8/30/06	9/26/06	10/25/06	11/22/06	12/13/06	1/19/07
MW-1S	6	6.9	6.5	6.37	7.01	5.13	6.87	7.9	7.73	5.63	6.15	6.52	6.54
MW-2S	-2.25	-0.79	-1.55	-1.68	-0.21	-2.37	-1.18	0.25	-0.08	-2.82	-2.1	-1.3	-1.75
MW-3S	NA	-1.39	-1.69	-1.72	-1.35	-2.31	-1.72	-1.48	-1.73	-2.2	-1.72	-1.52	-1.33
MW-4S	-1.44	-1.08	-1.21	-1.18	-1.03	-1.71	-1.29	-0.94	-0.71	-1.64	-1.32	-1.15	-1.02
MW-5S	-1.81	-1.14	-1.59	-1.59	-0.91	-2.86	-1.43	-0.51	-0.39	-2.25	-1.63	-1.36	-1.23
MW-7S	6.4	6.89	6.68	6.75	7.29	6.74	6.89	8.02	8.57	6.23	6.18	6.69	6.36
MW-9S	-1.56	-1.17	-1.33	-1.32	-1.2	-1.97	-1.41	-1.39	-1.67	-1.9	-1.56	-1.34	-1.16
LMW-10	-0.22	-0.16	-0.07	-0.08	-0.21	-0.4	-0.35	-0.28	-0.38	-0.34	-0.01	-0.18	-0.27
LMW-11	0.48	0.62	0.68	0.61	0.43	0.41	0.49	0.46	0.37	0.45	0.7	0.63	0.54
LMW-12	0	0	0	0	0	0	0	0	0	0	0	0	0
PZ-1	2.31	3.38	2.58	2.69	3.83	1.45	3.09	4.32	4.65	1.8	2.42	2.69	2.65
MW-7D	7	7.45	7.23	7.4	8.03	7.72	7.7	8.64	9.06	6.9	6.51	7.19	6.61

WELL	WATER LEVEL ELEVATION DIFFERENCE (FT.) RELATIVE TO LMW-10 [2] 1/17/06	2/28/06	3/28/06	4/26/06	5/24/06	6/28/06	7/28/06	8/30/06	9/26/06	10/25/06	11/22/06	12/13/06	1/19/07
MW-1S	6.22	7.06	6.57	6.45	7.22	5.53	7.22	8.18	8.11	5.97	6.16	6.7	6.81
MW-2S	-2.03	-0.63	-1.48	-1.6	0	-1.97	-0.83	0.53	0.3	-2.48	-2.09	-1.12	-1.48
MW-3S	NA	NA	-1.62	-1.64	-1.14	-1.91	-1.37	-1.2	-1.35	-1.86	-1.71	-1.34	-1.06
MW-4S	-1.22	-0.92	-1.14	-1.1	-0.82	-1.31	-0.94	-0.66	-0.33	-1.3	-1.31	-0.97	-0.75
MW-5S	-1.59	-0.98	-1.52	-1.51	-0.7	-2.46	-1.08	-0.23	-0.01	-1.91	-1.62	-1.18	-0.96
MW-7S	6.62	7.05	6.75	6.83	7.5	7.14	7.24	8.3	8.95	6.57	6.19	6.87	6.63
MW-9S	-1.34	-1.01	-1.26	-1.24	-0.99	-1.57	-1.06	-1.11	-1.29	-1.56	-1.55	-1.16	-0.89
PZ-1	2.53	3.54	2.65	2.77	4.04	0	0	0	0	0	0	0	0
MW-7D	7.22	7.61	7.3	7.48	8.24	8.12	0.84	0.74	0.75	0.79	0.71	0.81	0.81

Notes:
1) A negative number indicates an inward gradient.

2) NA indicates monitoring well was not accessible due to frozen conditions or excessive snow drifts

Table 2
Summary of Monthly Leachate Volume Pumping Data
Tannery Road Landfill
Rome, New York

Pump Station at Tannery Road
Hour Meters

	1/17/06	2/28/06	3/28/06	4/26/06	5/24/06	6/28/06	7/28/06	8/30/06	9/26/06	10/25/06	11/22/06	12/13/06	1/19/07	1/17/2006 - 12/13/2006
Pump #1	53,371	54,246	54,810	55,321	55,604	56,094	56,683	57,321	57,814	58,431	59,050	59,481	60,232	6,861
Pump #2	45,738	46,454	46,904	47,306	47,536	47,937	48,413	48,929	49,292	49,743	50,290	50,653	51,286	5,548

Totalizers in Meter Pit

	1/17/06	2/28/06	3/28/06	4/26/06	5/24/06	6/28/06	7/28/06	8/30/06	9/26/06	10/25/06	11/22/06	12/13/06	1/19/07	1/17/2006 - 12/13/2006
RW-1	4,539,600	4,539,800	4,539,800	4,539,800	4,539,800	4,539,800	4,539,800	4,539,800	4,539,800	4,539,800	4,539,800	4,539,800	4,539,800	200
RW-2	8,873,600	9,139,100	9,302,300	9,423,500	9,451,500	9,575,800	9,748,700	9,916,800	10,000,453	10,001,891	10,003,289	10,004,304	10,005,716	1,132,116
RW-3	3,018,300	3,083,100	3,127,300	3,175,800	3,208,700	3,213,400	3,213,400	3,261,700	3,312,200	3,366,100	3,418,200	3,452,400	3,492,900	474,600
RW-4	3,893,700	3,893,700	3,893,700	3,893,700	3,893,700	3,893,700	3,893,700	3,893,600	3,893,000	3,893,000	3,893,000	3,893,000	3,893,000	-700
Total														

Hour Meters

	1/17/06	2/28/06	3/28/06	4/26/06	5/24/06	6/28/06	7/28/06	8/30/06	9/26/06	10/25/06	11/22/06	12/13/06	1/19/07	1/17/2006 - 12/13/2006
RW-1	196,865	196,865	196,865	196,865	196,865	196,865	196,865	196,865	196,865	196,865	196,865	196,865	196,865	0
RW-2	221,754	231,815	238,536	245,480	249,103	257,506	264,699	272,583	279,062	286,052	292,750	297,794	304,174	82,420
RW-3	448,412	458,473	465,193	472,137	478,856	481,976	481,976	487,174	493,657	500,647	507,345	512,389	521,264	72,852
RW-4	284,015	284,015	284,015	284,015	284,015	284,015	284,015	284,015	284,015	284,015	284,015	284,015	284,015	0

APPENDIX A

ANALYTICAL DATA SUMMARY TABLES

City of Rome
Tannery Road Landfill
Monitoring Well MW-1S
Ground Water Analtyical Data

Date	03/01/99	06/01/99	09/01/99	12/01/99	03/01/00	06/01/00	09/01/00	12/01/00	03/01/01	06/01/01	09/01/01	12/01/01	03/28/02	06/17/02	09/24/02	12/18/02	03/12/03	06/25/03	09/17/03	12/16/2003	03/23/04	06/22/04	09/28/04
Field Parameter																							
Conductivity (µmhos/cm)	31	103	398	89	39	39	31	23	23	34	62	37	75	67	190	58	376	21	180	20	24	35	44
pH (s.u.)	8.64	**5.97**	**6.37**	7	**5.85**	7.88	**6.45**	**5.27**	**6.18**	**4.95**	**5.89**	**6.23**	7.7	6.5	7.42		7.5	**4.9**	**6.24**	6.5	**5.22**	**5.11**	**5.3**
Temperature (deg C)	3.2	13.3	15.2	5.9	4.2	13	15.3		3.9	14.7	14.8	6.7	6	12.5	13.7	5.3	7.2	13	13.6	6	4.2	11.5	15
Turbidity (NTU)	**785**	**925**	**560**	**140**	**222**	**161**	**527**	**195**	**316**	**186**	**88**	**90**	**145**	**68**	**126**	**8**	**65**	**556**	**52**	**50**	**113**	**73**	**29**
Part 360 Leachate Indicator Parameters																							
Ammonia-Nitrogen (mg/L)	<0.5	<0.5	**2**	<0.3	<0.3	<0.030	<0.030	<0.030	0.073	<0.030	0.089	<0.030	<0.030	<0.030	1.1	<0.030	0.14	<0.03	0.38	<0.03	<0.030	0.059	0.14
Biochemical Oxygen Demand (BOD5) (mg/L)	8	<4.0	<2.0	2	<2.0	30	<2.0	<4.0		<4.0	<4.0	<4.0	<4.0	4.6	12	<4.0	8.6	<4	<4.0	<4	<4.0	<4	<4
Bromide (mg/L)	<0.2	<2.0	<2.0	<2.0	<2.0	**2.5**	<0.010	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	0.12	<0.100	<0.1	<0.1	<0.1	<0.1	<0.10	<0.1	<0.1
Chemical Oxygen Demand (mg/L)	52	100	25	14	12	6.7	96	19	36	26	34	14	24	45	66	9.9	<1.0	33	25	35	18	27	7.9
Chloride (mg/L)	<1.0	31	28	3.7	2.3	**450**	3.3	2.5	2.9	2.4	3.8	2.5	2.7	2.7	6.4	2.6	36	3.8	8.2	2.5	3.4	3.3	2.5
Color (Pt-Co)		46					**30**					**50**	**20**					8					**180**
Nitrate-Nitrogen (mg/L)	<0.2	<0.2	<0.2	0.4	0.3	0.18	0.1	<0.100	0.15	0.15	0.16	<0.100	0.15	<0.100	0.13	0.14	<0.1	0.15	<0.1	<0.1	0.16	0.17	0.14
Sulfate (mg/L)	5	10	94	9.8	7.7	4.7	9.7	6.9	6.7	6.8	17	6.2	7	6	13	6.2	<1.0	7.9	15	6.9	7.4	8.2	7.1
Total Alkalinity (mg/L)	<10.0	37	84	7.8	9	1.9	15	1.2	1.4	2	12	1.9	<1.0	4	64	4	170	4	37	<1	<1.000	6	8
Total Cyanide (mg/L)		<0.010					<0.010					<0.010	<0.010					<0.01					0.01
Total Dissolved Solids (mg/L)	140	140	260	39	30	**1,900**	26	<4.0	14	56	190	<4.0	170	26	120	42	280	30	120	34	32	20	52
Total Hardness (mg/L)	19	120	136	14	23	8	16	7.7	10	8.6	20	9.8	6.6	7.3	60	7.6	210	12	58	<7	7.8	3.7	5.4
Total Kjeldahl Nitrogen (mg/L)	<0.5	2.4	1.3	<0.3	0.6	0.3	1.3	0.39	0.62	0.62	0.6	0.23	0.13	0.42	1.7	0.25	<0.1	0.27	0.58	0.34	0.53	0.69	0.28
Total Organic Carbon (mg/L)	14	34	7	7.8	15.3	4.4	29	5.5	16	11	13	11.3	8.3	14	26	10	5.5	5.6	10	14	4.1	8.6	3
Total Phenols (mg/L)	<0.005	<0.005	<0.001	**0.004**	**0.001**	<0.002	**0.007**	**0.003**	<0.002	<0.002	<0.002	<0.002	<0.002	**0.012**	**0.003**	<0.002	**0.0046**	<0.002	<0.002	**0.0034**	<0.002	<0.002	<0.002
Part 360 Routine Metals																							
Boron (mg/L)		<0.100				<0.5	<0.5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			<0.5	<0.5	<0.5	<0.5		<0.01
Cadmium (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.01	<0.01	<0.01	<0.01	<0.010	<0.01	<0.01
Calcium (mg/L)	3.26	29.1	43.2	4.2	6.7	1.5	3.1	1.4	1.9	1.7	5.7	2.2	1	1.3	18	1.4	62	3.4	18	<1	1.5	1.5	2.2
Iron (mg/L)	**16.3**	**30.5**	**33.1**	**3.1**	**4.3**	**1.9**	**17**	**6.3**	**8.8**	**5.6**	**7.8**	**3.2**	**4.5**	**4.7**	**50**	**7.2**	**2**	**2.8**	**8.1**	**2.7**	**2.4**	**2.3**	**1.1**
Lead (mg/L)	0.012	**0.029**	0.01	<0.005	<0.005	<0.010	0.011	<0.010	<0.010	<0.010	<0.010	<1.0	<0.010	<0.010	0.02	<0.010	<0.01	<0.01	0.012	<0.01	<0.010	<0.01	<0.01
Magnesium (mg/L)	2.7	11.2	6.8	0.94	1.5	<1.0	2	1	1.3	1	1.5	<1.0	<1.0	<1.0	3.9	<1.0	14	<1.0	3.3	<1	<1.0	<1	<1
Manganese (mg/L)	0.257	**0.759**	**1.2**	0.17	0.12	0.04	0.23	0.075	0.11	0.093	0.19	0.07	0.11	0.069	0.74	0.045	0.23	0.06	**0.45**	0.031	0.049	0.1	0.061
Potassium (mg/L)	1.99	5.39	2.9	0.7	3.3	<1.0	1.2	<1.0	1.1	<1.0	1.2	<1.0	<1.0	<1.0	3.1	<1.0	1.2	<1.0	2.7	<1	<1.0	<1	<1
Sodium (mg/L)	1.2	12.2	9.9	1.8	8.8	1.6	1.2	<1.0	1.2	<1.0	7.5	1.2	2.8	<1.0	4.9	<1.0	12	1.7	12	<1	1.1	1.2	1.2
Part 360 Additional Baseline Metals																							
Aluminum (mg/L)		32					25					5	8.9					3					2.1
Antimony (mg/L)		<0.015					**0.012**					<0.010	<0.010					<0.01					<0.01
Arsenic (mg/L)		0.018					<0.010					<0.010	<0.010					0.013					<0.01
Barium (mg/L)		0.431					<0.2					<0.2	<0.2					<0.2					<0.2
Beryllium (mg/L)		<0.003					<0.010					<0.010	<0.010					<0.01					<0.01
Chromium (mg/L)		0.047					0.01					<0.010	<0.010					<0.01					<0.01
Chromium, Hexavalent (mg/L)		<0.010					<0.010					<0.010	<0.010					<0.01					<0.01
Cobalt (mg/L)		<0.020					<0.010					<0.010	<0.010					<0.01					<0.01
Copper (mg/L)		0.041					0.022					<0.010	<0.010					0.012					<0.01
Mercury (mg/L)		<0.0002					0.00053					<0.0002	0.000300					<0.0002					<0.0002
Nickel (mg/L)		0.039					0.012					<0.010	<0.010					<0.01					<0.01
Selenium (mg/L)		<0.005					<0.010					<0.010	<0.010					<0.01					<0.01
Silver (mg/L)		<0.010					<0.010					<0.010	<0.010					<0.01					<0.01
Thallium (mg/L)		<0.010					<0.010					<0.010	<0.010					<0.01					<0.01
Vanadium (mg/L)		0.031					0.012					<0.010	<0.010					<0.01					<0.01
Zinc (mg/L)		0.149					0.1					0.04	0.033					0.094					0.022
Part 360 Volatile Organics																							
1,1,1,2-Tetrachloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0					<5					<1
1,1,1-Trichloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
1,1,2,2-Tetrachloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
1,1,2-Trichloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
1,1-Dichloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
1,1-Dichloroethene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
1,2,3-Trichloropropane (µg/L)												<5.0	<5.0					<5					<1
1,2-Dibromo-3-chloropropane (µg/L)		<10.0					<5.0					<5.0	<5.0					<5					<1

City of Rome
Tannery Road Landfill
Monitoring Well MW-1S
Ground Water Analtyical Data

Date	03/01/99	06/01/99	09/01/99	12/01/99	03/01/00	06/01/00	09/01/00	12/01/00	03/01/01	06/01/01	09/01/01	12/01/01	03/28/02	06/17/02	09/24/02	12/18/02	03/12/03	06/25/03	09/17/03	12/16/2003	03/23/04	06/22/04	09/28/04
1,2-Dibromoethane (EDB) (µg/L)		<5.0					<5.0					<5.0	<5.0					<5					<1
1,2-Dichlorobenzene (µg/L)		<5.0					<5.0					<5.0	<5.0					<5					<1
1,2-Dichloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
1,2-Dichloropropane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
1,3-Dichlorobenzene (µg/L)		<5.0					<5.0					<5.0	<5.0										
trans-1,4-Dichloro-2-butene (µg/L)		<10.0					<5.0					<10.0	<10.0										
1,4-Dichlorobenzene (µg/L)		<5.0					<10.0					<10.0	<10.0					<5					<1
2-Butanone (MEK) (µg/L)		<10.0					<10.0					<10.0	<10.0				<10	<10					<10
2-Hexanone (µg/L)		<10.0					<10.0					<10.0	<10.0				<10	<10					<10
4-Methyl 2-pentanone (µg/L)		<10.0					<10.0					<20.0	<20.0				<10	<10					<10
Acetone (µg/L)		<10.0					<20.0					<5.0	<5.0				11	<10					<10
Acrylonitrile (µg/L)		<100					<5.0					<5.0	<5.0					<20					<5
Benzene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
Bromochloromethane (µg/L)		<5.0					<5.0					<5.0	<5.0					<5					<1
Bromodichloromethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
Bromoform (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
Bromomethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
Carbon disulfide (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
Carbon tetrachloride (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
Chlorobenzene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
Chloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
Chloroform (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
Chloromethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
cis-1,2-Dichloroethene (µg/L)		<5.0					<5.0					<5.0	<5.0					<5					<1
cis-1,3-Dichloropropene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
Dibromochloromethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
Dibromomethane (µg/L)		<5.0					<20.0					<20.0	<10.0					<5					<1
Ethyl benzene (µg/L)		<5.0					<10.0					<10.0	<10.0				<5	<5					<1
Iodomethane (µg/L)		<5.0					<5.0					<5.0	<5.0					<10					<10
Methylene Chloride (µg/L)		<5.0					<5.0					<5.0	<5.0				<10	<10					<10
Styrene (µg/L)							<5					<5	<5				<5	<5					<1
Tetrachloroethene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
Toluene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
trans-1,2-Dichloroethene (µg/L)		<5.0					<5.0					<5.0	<5.0					<5					<1
trans-1,3-Dichloropropene (µg/L)		<5.0					<50.0					<50.0	<10.0				<5	<5					<1
trans-1,4-Dichloro-2-butene (µg/L)							<50					<50	<10					<10					<10
Trichloroethene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
Trichlorofluoromethane (µg/L)		<5.0					<5.0					<5.0	<5.0					<5					<1
Vinyl Acetate (µg/L)		<50.0					<20.0					<20.0	<20.0					<20					<5
Vinyl Chloride (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
Xylenes (Total) (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
1,2-Dichloroethene - Total																	<5						

Notes

1) < indicates not detected at or above the listed value
2) NS indicates that no standard has been promulgated.
3) * indicates that the sum of these two analytes may not exceed 500 µg/L.
4) GV indicates that the value listed is a guidance value rather than a standard.
5) Values in bold exceeded the applicable NYSDEC ground water standard/guidance value.
6) ** Indicates standard applies to the sum of the isomers

City of Rome
Tannery Road Landfill
Monitoring Well MW-1S
Ground Water Analtyical Data

Date	12/16/04	03/22/05	06/28/05	09/27/05	12/06/05	03/28/06	06/28/06	09/26/06	12/13/06	NYSDEC Ground Water Standard
1,2-Dibromoethane (EDB) (µg/L)					<1	<1				5
1,2-Dichlorobenzene (µg/L)					<1	<1				3
1,2-Dichloroethane (µg/L)					<1	<1				0.6
1,2-Dichloropropane (µg/L)					<1	<1				1
1,3-Dichlorobenzene (µg/L)										3
trans-1,4-Dichloro-2-butene (µg/L)					<5					5
1,4-Dichlorobenzene (µg/L)					<1	<1				3
2-Butanone (MEK) (µg/L)					<5	<5				50 (GV)
2-Hexanone (µg/L)					<5	<5				50 (GV)
4-Methyl 2-pentanone (µg/L)					<5	<5				NS
Acetone (µg/L)					<10	<5				50 (GV)
Acrylonitrile (µg/L)					<20	<20				5
Benzene (µg/L)					<1	<1				1
Bromochloromethane (µg/L)					<1	<1				5
Bromodichloromethane (µg/L)					<1	<1				50 (GV)
Bromoform (µg/L)					<1	<1				50 (GV)
Bromomethane (µg/L)					<1	<1				5
Carbon disulfide (µg/L)					<1	<1				60 (GV)
Carbon tetrachloride (µg/L)					<1	<1				5
Chlorobenzene (µg/L)					<1	<1				5
Chloroethane (µg/L)					<1	<1				5
Chloroform (µg/L)					<1	<1				7
Chloromethane (µg/L)					<1	<1				5
cis-1,2-Dichloroethene (µg/L)					<1	<1				5
cis-1,3-Dichloropropene (µg/L)					<1	<1				0.4**
Dibromochloromethane (µg/L)					<1	<1				50 (GV)
Dibromomethane (µg/L)					<1	<1				5
Ethyl benzene (µg/L)					<1	<1				5
Iodomethane (µg/L)					<5	<5				5
Methylene Chloride (µg/L)					<5	<1				5
Styrene (µg/L)					<1	<1				5
Tetrachloroethene (µg/L)					<1	<1				5
Toluene (µg/L)					<1	<1				5
trans-1,2-Dichloroethene (µg/L)					<1	<1				5
trans-1,3-Dichloropropene (µg/L)					<1	<1				0.4**
trans-1,4-Dichloro-2-butene (µg/L)					<5	<5				5
Trichloroethene (µg/L)					<1	<1				5
Trichlorofluoromethane (µg/L)					<1	<1				5
Vinyl Acetate (µg/L)					<5	<5				NS
Vinyl Chloride (µg/L)					<1	<1				2
Xylenes (Total) (µg/L)					<1	<1				5
1,2-Dichloroethene - Total										5

Notes

1) < indicates not detected at or above the listed val
2) NS indicates that no standard has been promulga
3) * indicates that the sum of these two analytes ma
4) GV indicates that the value listed is a guidance v
5) Values in bold exceeded the applicable NYSDEC
6) ** Indicates standard applies to the sum of the is

City of Rome
Tannery Road Landfill
Monitoring Well MW-2D
Ground Water Analytical Data

Parameter	3/12/03	6/22/04	9/28/04	12/16/04	3/22/05	6/28/05	9/27/05	12/6/05	3/28/06	6/28/06	9/26/06	12/13/06	NYSDEC Ground Water Standard
Field Parameters													
Conductivity (µmhos/cm)	381	270	253	300	235	288	245	270	240	480	353	203	NS
pH (s.u.)	6.7	6.73	6.98	6.8	7.62	6.96	7.45	6.7	7.3	8	7.8	6.72	6.5 - 8.5
Temperature (deg C)	6.3	12	13.7	8	7.6		11.5	9	9	12	11.2	10.5	NS
Turbidity (NTU)	202	138	125	150	39	100	30	38	48	28	-	6	5
Part 360 Leachate Indicator Parameters													
Ammonia-Nitrogen (mg/L)	11	7.5	2.5	1.6	6.1	4.6	6.5	5.3	4.5	5.4	11	3.3	2
Biochemical Oxygen Demand (BOD5) (mg/L)	<10.0	7.3	7.5	4.7	<4.0	<4.0	4.5	<4	<4	<4.0	5.5	<4	NS
Bromide (mg/L)	<0.1	<0.1	0.12	<0.1	<0.1	0.14	0.14	<0.1	<0.1	<0.10	<0.1	<0.1	2
Chemical Oxygen Demand (mg/L)	10	43	32	26	29	27	26	13	68	23	31	26	NS
Chloride (mg/L)	4.4	4.5	3.8	3.3	4	3.3	4.2	3.9	3.7	3.9	5.2	3.1	250
Color (Pt-Co)			650					100	300				15
Nitrate-Nitrogen (mg/L)	0.16	0.15	0.17	1.6	0.15	0.16	0.28	<0.1	<0.1	<0.10	<0.1	<0.1	10
Sulfate (mg/L)	77	38	33	22	30	24	31	32	24	23	37	15	250
Total Alkalinity (mg/L)	100	92	74	66	88	80	80	84	84	120	130	82	NS
Total Cyanide (mg/L)			<0.01					<0.01	<0.01				0.2
Total Dissolved Solids (mg/L)	300	140	160	120	160	140	170	210	150	160	150	150	500
Total Hardness (mg/L)	130	100	90	69	89	73	80	93	87	110	110	78	NS
Total Kjeldahl Nitrogen (mg/L)	13	8.4	5	1.9	7.2	4.4	6.5	3.3	3.1	4.9	11	4.9	NS
Total Organic Carbon (mg/L)	13	9.1	8	7.9	7.6	2.3	10	8	7.3	8.1	9.4	7.3	NS
Total Phenols (mg/L)	<0.002	<0.002	<0.002	<0.002	<0.01	0.0032	<0.002	0.0035	0.0023	<0.002	<0.002	<0.05	0.001
Part 360 Routine Metals													
Boron (mg/L)			0.089					<0.5	<0.5				1
Cadmium (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.01	<0.01	0.005
Calcium (mg/L)	44	34	29	23	30	24	26	32	29	37	38	26	NS
Iron (mg/L)	21	12	11	3.1	13	7.4	8.8	11	9.9	14	10	8.1	0.3*
Lead (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	0.022	0.018	<0.01	<0.01	<0.01	<0.01	<0.01	0.025
Magnesium (mg/L)	6.3	4.1	3.9	3	3.6	3.2	3.8	3.3	3.2	4.4	4.4	2.9	35 (GV)
Manganese (mg/L)	1.5	1	1.1	0.97	0.96	0.87	0.93	0.89	0.84	1	<0.01	0.7	0.3*
Potassium (mg/L)	21	13	17	12	12	11	12	11	11	12	15	6.6	NS
Sodium (mg/L)	5.7	2.4	3	2.7	1.4	2.2	2.2	2.6	2.5	3.7	4.5	1.5	20
Part 360 Additional Baseline Metals													
Aluminum (mg/L)			0.37					0.26	0.25				NS
Antimony (mg/L)			<0.01					<0.01	<0.01				0.003
Arsenic (mg/L)			0.011					<0.01	<0.01				0.025
Barium (mg/L)			0.23					0.23	0.2				1
Beryllium (mg/L)			<0.01					<0.01	<0.01				0.003 (GV)
Chromium (mg/L)			<0.01					<0.01	<0.01				0.05
Chromium, Hexavalent (mg/L)			<0.01					<0.01	<0.01				0.05
Cobalt (mg/L)			<0.01					<0.01	<0.01				NS
Copper (mg/L)			<0.01					<0.01	<0.01				0.2
Mercury (mg/L)			<0.0002					<0.0002	<0.0002				0.0007
Nickel (mg/L)			<0.01					<0.01	<0.01				0.1
Selenium (mg/L)			<0.01					<0.01	<0.01				0.01
Silver (mg/L)			<0.01					<0.01	<0.01				0.05
Thallium (mg/L)			<0.01					<0.01	0.013				0.0005 (GV)
Vanadium (mg/L)			0.012					<0.01	<0.01				NS
Zinc (mg/L)			0.017					<0.01	0.021				2
Part 360 Volatile Organics													
1,1,1,2-Tetrachloroethane (µg/L)	<5		<1					<1	<1				5
1,1,1-Trichloroethane (µg/L)	<5		<1					<1	<1				5
1,1,2,2-Tetrachloroethane (µg/L)	<5		<1					<1	<1				5
1,1,2-Trichloroethane (µg/L)	<5		<1					<1	<1				1
1,1-Dichloroethane (µg/L)	<5		<1					<1	<1				5

City of Rome
Tannery Road Landfill
MW-3S
Ground Water Analytical Data

Parameter	12/16/03	03/23/04	06/22/04	09/28/04	12/16/04	03/22/05	06/28/05	09/27/05	12/06/05	03/28/06	06/28/06	09/26/06	12/13/06	NYSDEC
1,2-Dichloropropane (µg/L)				<1					<1	<1				1
1,3-Dichlorobenzene (µg/L)														3
trans-1,4-Dichloro-2-butene (µg/L)									<5					5
1,4-Dichlorobenzene (µg/L)				<1					<1	<1				3
2-Butanone (MEK) (µg/L)				<10					<5	<5				50 (GV)
2-Hexanone (µg/L)				<10					<5	<5				50 (GV)
4-Methyl 2-pentanone (µg/L)				<10					<5	<5				NS
Acetone (µg/L)				<10					<10	<5				50 (GV)
Acrylonitrile (µg/L)				<5					<20	<20				5
Benzene (µg/L)				<1					<1	<1				1
Bromochloromethane (µg/L)				<1					<1	<1				5
Bromodichloromethane (µg/L)				<1					<1	<1				50 (GV)
Bromoform (µg/L)				<1					<1	<1				50 (GV)
Bromomethane (µg/L)				<1					<1	<1				5
Carbon disulfide (µg/L)				<1					<1	<1				60 (GV)
Carbon tetrachloride (µg/L)				<1					<1	<1				5
Chlorobenzene (µg/L)				<1					<1	<1				5
Chloroethane (µg/L)				<1					<1	<1				5
Chloroform (µg/L)				<1					<1	<1				7
Chloromethane (µg/L)				<1					<1	<1				5
cis-1,2-Dichloroethene (µg/L)				<1					<1	<1				5
cis-1,3-Dichloropropene (µg/L)				<1					<1	<1				0.4**
Dibromochloromethane (µg/L)				<1					<1	<1				50 (GV)
Dibromomethane (µg/L)				<1					<1	<1				5
Ethyl benzene (µg/L)				<1					<1	<1				5
Iodomethane (µg/L)				<10					<5	<5				5
Methylene Chloride (µg/L)				<10					<5	<1				5
Styrene (µg/L)				<1					<1	<1				5
Tetrachloroethene (µg/L)				<1					<1	<1				5
Toluene (µg/L)				<1					<1	<1				5
trans-1,2-Dichloroethene (µg/L)				<1					<1	<1				5
trans-1,3-Dichloropropene (µg/L)				<1					<1	<1				0.4**
trans-1,4-Dichloro-2-butene (µg/L)				<10					<5	<5				5
Trichloroethene (µg/L)				<1					<1	<1				5
Trichlorofluoromethane (µg/L)				<1					<1	<1				5
Vinyl Acetate (µg/L)				<5					<5	<5				NS
Vinyl Chloride (µg/L)				<1					<1	<1				2
Xylenes (Total) (µg/L)				<1					<1	<1				5
														5

City of Rome
Tannery Road Landfill
MW-4S
Ground Water Analytical Data

Parameter	3/1/99	6/1/99	9/1/99	12/1/99	3/1/00	6/1/00	9/1/00	12/1/00	3/1/01	6/1/01	9/1/01	12/1/01	3/28/02	6/17/02	9/24/02	12/18/02	3/12/03	6/25/03	9/17/03	12/16/03	3/23/04	6/22/04	9/28/04
1,1-Dichloroethene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
1,2,3-Trichloropropane (µg/L)							<5.0					<5.0	<5.0					<5					<1
1,2-Dibromo-3-chloropropane (µg/L)		<10.0					<5.0					<5.0	<5.0					<5					<1
1,2-Dibromoethane (EDB) (µg/L)		<5.0					<5.0					<5.0	<5.0					<5					<1
1,2-Dichlorobenzene (µg/L)		<5.0					<5.0					<5.0	<5.0					<5					<1
1,2-Dichloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
1,2-Dichloropropane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
1,3-Dichlorobenzene (µg/L)		<5.0																					
trans-1,4-Dichloro-2-butene (µg/L)		<10.0																					
1,4-Dichlorobenzene (µg/L)		<5.0					<5.0					<5.0	<5.0					<5					<1
2-Butanone (MEK) (µg/L)		<10.0					<10.0					<10.0	<10.0				<10	<10					<10
2-Hexanone (µg/L)		<10.0					<10.0					<10.0	<10.0				<10	<10					<10
4-Methyl 2-pentanone (µg/L)		<10.0					<10.0					<10.0	<10.0				<10	<10					<10
Acetone (µg/L)		<10.0					<10.0					<10.0	<10.0				<10	<10					<10
Acrylonitrile (µg/L)		<100.0					<20.0					<20.0	<20.0					<20					<5
Benzene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
Bromochloromethane (µg/L)		<5.0					<5.0					<5.0	<5.0					<5					<1
Bromodichloromethane (µg/L)		<5.0										<5.0	<5.0				<5	<5					<1
Bromoform (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
Bromomethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
Carbon disulfide (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
Carbon tetrachloride (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
Chlorobenzene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
Chloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
Chloroform (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
Chloromethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
cis-1,2-Dichloroethene (µg/L)		<5.0					<5.0					<5.0	<5.0					<5					<1
cis-1,3-Dichloropropene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
Dibromochloromethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
Dibromomethane (µg/L)		<5.0					<5.0					<5.0	<5.0					<5					<1
Ethyl benzene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
Iodomethane (µg/L)		<5.0					<20.0					<20.0	<10.0					<10					<10
Methylene Chloride (µg/L)		<5.0					<10.0					<10.0	<10.0				<10	<10					<10
Styrene (µg/L)							<5.0					<5.0	<5.0				<5	<5					<1
Tetrachloroethene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
Toluene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
trans-1,2-Dichloroethene (µg/L)		<5.0					<5.0					<5.0	<5.0					<5					<1
trans-1,3-Dichloropropene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
trans-1,4-Dichloro-2-butene (µg/L)							<50.0					<50.0	<10.0					<10					<10
Trichloroethene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
Trichlorofluoromethane (µg/L)		<5.0					<5.0					<5.0	<5.0					<5					<1
Vinyl Acetate (µg/L)		<50.0					<20.0					<20.0	<20.0					<20					<5
Vinyl Chloride (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
Xylenes (Total) (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1
1,2-Dichloroethene - Total																	<5						

Notes

1) < indicates not detected at or above the listed value
2) NS indicates that no standard has been promulgated.
3) * indicates that the sum of these two analytes may not exceed 500 µg/L.
4) GV indicates that the value listed is a guidance value rather than a standard.
5) Values in bold exceeded the applicable NYSDEC ground water standard/guidance value.
6) ** Indicates standard applies to the sum of the isomers

City of Rome
Tannery Road Landfill
MW-5S
Ground Water Analytical Data

Parameter	3/23/04	6/22/04	9/28/04	12/16/04	3/22/05	6/28/05	9/27/05	12/6/05	3/28/06	6/28/06	9/26/06	12/13/06	NYSDEC Ground Water Standard
Field Parameter													
Conductivity (µmhos/cm)	306	112	118	276	182	227	178	550	270	420	102	324	NS
pH (s.u.)	**6.15**	**6.1**	**6.44**	6.6	7.18	6.66	6.9	**5.9**	6.9	7.2	7.19	**6.45**	6.5 - 8.5
Temperature (deg C)	5.4	11.3	14.1	8	5.7		12.5	9	6	11	12	9.4	NS
Turbidity (NTU)	**41**	**150**	**108**	**154**	**8**	**149**	**119**	**38**	**50**	**10**	-	**28**	5
Part 360 Leachate Indicator Parameters													
Ammonia-Nitrogen (mg/L)	0.83	<0.03	<0.03	<0.03	0.15	<0.03	<0.03	0.82	0.93	0.055	<0.03	0.88	2
Biochemical Oxygen Demand (BOD5) (mg/L)	<4.0	<4	<4	<4	<4.0	<4.0	<4.0	7.6	<4	<4.0	<4	<4	NS
Bromide (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	0.24	<0.1	<0.1	<0.1	<0.10	<0.1	<0.1	2
Chemical Oxygen Demand (mg/L)	25	25	15	14	18	16	15	23	22	8.9	16	23	NS
Chloride (mg/L)	4.2	2.9	2.6	2.5	3	2.6	3.1	3.2	3	2.5	2.9	2.7	250
Color (Pt-Co)			**450**					**130**	**140**				15
Nitrate-Nitrogen (mg/L)	<0.1	0.19	0.2	0.19	0.14	0.13	0.23	<0.1	<0.1	<0.10	0.13	<0.1	10
Sulfate (mg/L)	21	11	9.6	8.3	7.3	9	7.6	12	14	8.6	8.8	8.1	250
Total Alkalinity (mg/L)	110	48	38	88	140	24	64	230	110	44	52	150	NS
Total Cyanide (mg/L)			<0.01					<0.01	<0.01				0.2
Total Dissolved Solids (mg/L)	180	80	66	90	170	52	90	290	170	66	120	210	500
Total Hardness (mg/L)	130	54	52	94	130	31	84	230	130	55	49	150	NS
Total Kjeldahl Nitrogen (mg/L)	1.3	0.41	0.2	0.14	0.32	0.66	0.39	1.1	0.8	0.23	0.48	1.1	NS
Total Organic Carbon (mg/L)	8.9	4.5	3.6	5.4	5.6	5.1	5.4	9.7	9.4	4.7	4.3	7.2	NS
Total Phenols (mg/L)	<0.002	<0.002	**0.0039**	<0.002	<0.01	**0.0037**	<0.002	**0.0035**	**0.0021**	**0.0032**	<0.002	<0.05	0.001
Part 360 Routine Metals													
Boron (mg/L)	<0.5		0.014					<0.5	<0.5				1
Cadmium (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.01	<0.01	0.005
Calcium (mg/L)	42	17	16	24	40	9.3	24	71	42	16	15	47	NS
Iron (mg/L)	9	**6.3**	**4.7**	**22**	**15**	**7.6**	**24**	**19**	**11**	**2.6**	**2.8**	**12**	0.3*
Lead (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.025
Magnesium (mg/L)	5.7	2.8	2.9	4.2	8.1	1.9	5.7	12	6.6	3.7	2.9	9	35 (GV)
Manganese (mg/L)	**0.67**	**0.32**	**0.34**	**0.63**	**1.3**	0.063	**0.82**	**1.6**	**0.52**	**0.32**	<0.01	**0.88**	0.3*
Potassium (mg/L)	5.1	2.4	2.4	2.7	3.3	1.5	3.2	5.4	4	1.7	1.8	2.5	NS
Sodium (mg/L)	4.4	<1	<1	1.2	<1.0	<1.0	1.1	2	1.5	<1.0	<1	1.2	20
Part 360 Additional Baseline Metals													
Aluminum (mg/L)			0.44					0.14	0.35				NS
Antimony (mg/L)			<0.01					<0.01	<0.01				0.003
Arsenic (mg/L)			0.013					<0.02	<0.01				0.025
Barium (mg/L)			<0.2					0.14	<0.2				1
Beryllium (mg/L)			<0.01					<0.01	<0.01				0.003 (GV)
Chromium (mg/L)			<0.01					<0.01	<0.01				0.05
Chromium, Hexavalent (mg/L)			<0.01					<0.01	<0.01				0.05
Cobalt (mg/L)			<0.01					<0.01	<0.01				NS
Copper (mg/L)			<0.01					<0.01	<0.01				0.2
Mercury (mg/L)			<0.0002					<0.0002	<0.0002				0.0007
Nickel (mg/L)			<0.01					<0.01	<0.01				0.1
Selenium (mg/L)			<0.01					<0.01	<0.01				0.01
Silver (mg/L)			<0.01					<0.01	<0.01				0.05
Thallium (mg/L)			<0.01					<0.01	<0.01				0.0005 (GV)
Vanadium (mg/L)			<0.01					<0.01	<0.01				NS
Zinc (mg/L)			0.017					<0.01	0.015				2
Part 360 Volatile Organics													
1,1,1,2-Tetrachloroethane (µg/L)			<1					<1	<1				5
1,1,1-Trichloroethane (µg/L)			<1					<1	<1				5
1,1,2,2-Tetrachloroethane (µg/L)			<1					<1	<1				5
1,1,2-Trichloroethane (µg/L)			<1					<1	<1				1
1,1-Dichloroethane (µg/L)			<1					<1	<1				5
1,1-Dichloroethene (µg/L)			<1					<1	<1				5
1,2,3-Trichloropropane (µg/L)			<1					<1	<1				0.04
1,2-Dibromo-3-chloropropane (µg/L)			<1					<1	<1				0.04

City of Rome
Tannery Road Landfill
MW-5S
Ground Water Analytical Data

Parameter	3/23/04	6/22/04	9/28/04	12/16/04	3/22/05	6/28/05	9/27/05	12/6/05	3/28/06	6/28/06	9/26/06	12/13/06	NYSDEC Ground Water Standard
1,2-Dibromoethane (EDB) (µg/L)			<1					<1	<1				5
1,2-Dichlorobenzene (µg/L)			<1					<1	<1				3
1,2-Dichloroethane (µg/L)			<1					<1	<1				0.6
1,2-Dichloropropane (µg/L)			<1					<1	<1				1
1,3-Dichlorobenzene (µg/L)									<1				3
trans-1,4-Dichloro-2-butene (µg/L)								<5					5
1,4-Dichlorobenzene (µg/L)			<1					<1					3
2-Butanone (MEK) (µg/L)			<10					<5	<5				50 (GV)
2-Hexanone (µg/L)			<10					<5	<5				50 (GV)
4-Methyl 2-pentanone (µg/L)			<10					<5	<5				NS
Acetone (µg/L)			<10					<10	<5				50 (GV)
Acrylonitrile (µg/L)			<5					<20	<20				5
Benzene (µg/L)			<1					<1	<1				1
Bromochloromethane (µg/L)			<1					<1	<1				5
Bromodichloromethane (µg/L)			<1					<1	<1				50 (GV)
Bromoform (µg/L)			<1					<1	<1				50 (GV)
Bromomethane (µg/L)			<1					<1	<1				5
Carbon disulfide (µg/L)			<1					<1	<1				60 (GV)
Carbon tetrachloride (µg/L)			<1					<1	<1				5
Chlorobenzene (µg/L)			<1					<1	<1				5
Chloroethane (µg/L)			<1					<1	<1				5
Chloroform (µg/L)			<1					<1	<1				7
Chloromethane (µg/L)			<1					<1	<1				5
cis-1,2-Dichloroethene (µg/L)			<1					<1	<1				5
cis-1,3-Dichloropropene (µg/L)			<1					<1	<1				0.4**
Dibromochloromethane (µg/L)			<1					<1	<1				50 (GV)
Dibromomethane (µg/L)			<1					<1	<1				5
Ethyl benzene (µg/L)			<1					<1	<1				5
Iodomethane (µg/L)			<10					<5	<5				5
Methylene Chloride (µg/L)			<10					<5	<1				5
Styrene (µg/L)			<1					<1	<1				5
Tetrachloroethene (µg/L)			<1					<1	<1				5
Toluene (µg/L)			<1					<1	<1				5
trans-1,2-Dichloroethene (µg/L)			<1					<1	<1				5
trans-1,3-Dichloropropene (µg/L)			<1					<1	<1				0.4**
trans-1,4-Dichloro-2-butene (µg/L)			<10					<5	<5				5
Trichloroethene (µg/L)			<1					<1	<1				5
Trichlorofluoromethane (µg/L)			<1					<1	<1				5
Vinyl Acetate (µg/L)			<5					<5	<5				NS
Vinyl Chloride (µg/L)			<1					<1	<1				2
Xylenes (Total) (µg/L)			<1					<1	<1				5
1,2-Dichloroethene - Total													5

City of Rome
Tannery Road Landfill
MW-7D
Ground Water Analtyical Data

Parameter	Mar-99	Jun-99	Sep-99	Dec-99	Mar-00	Jun-00	Sep-00	Dec-00	Mar-01	Jun-01	Sep-01	Dec-01	Mar-02	Jun-02	Sep-02	Dec-02	Mar-03	Jun-03	Sep-03	Dec-03	Mar-04	Jun-04	Sep-04	Dec-04	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06	NYSDEC Ground Water Standard
Field Parameters																																	
Conductivity (µmhos/cm)	1,330	1,120	1,620	1,300	1,320	1,710	1,220	1,270	1,350	1,200	1,090	1,290	1,440	1,430	503	1,110	1,150	775	1,080	370	1,030	807	817	1150	785	1,131	434	730	710	450	670	684	NS
pH (s.u.)	6.64	6.53	6.4	7.92	6.5	6.88	6.41	6.46	6.2	5.96	6.39	6.31	5.96	6.25	5.4		6.3	6.42	6.48	6.9	6.23	5.7	6	6.4	6.25	6.4	7.05	6.1	6.8	7.2	7.25	6.33	6.5 - 8.5
Temperature (deg C)	8.1	14.5	13.2	8.1	8.4	13.3	11.5	9	8.9	12.7	11.2	10.1	9	11.6	11.6	9.5	5.5	12.1	11.7	9	9.5	12.3	12.6	9	8.7		10.8	9	10	12	11	10.1	NS
Turbidity (NTU)	160	42	94	247	128	83	98	62	97	112	152	53	29		345	61	69	999	128	30	59	150	165	200	70	151	104	98	78	67	-	40	5
Part 360 Leachate Indicator Parameters																																	
Ammonia-Nitrogen (mg/L)	47	25	47	36	33	58	41	37	46	40	47	39	43	46	22	34	39	40	38	8.4	30	29	25	8.5	26	11	17	22	31	21	24	26	2
Biochemical Oxygen Demand (BOD5) (mg/L)	19	17	17	11	11	4.4	10	<20.0		13	14	<20.0	<20.0	<10.0	9.3	<20.0	<10.0	12	7.1	<10	<10.0	<10	7.2	<4	6.2	<10	13	<4	7.7	8	<4	<10	NS
Bromide (mg/L)	<0.2	<0.2	<2.0	<2.0	<0.1	1.1	1	1	0.93	0.74	0.75	0.64	0.8	1	0.21	0.11	0.85	0.89	0.88	<0.1	0.83	0.68	0.5	<0.1	0.4	0.22	0.15	<0.1	0.3	<0.10	0.32	<0.1	2
Chemical Oxygen Demand (mg/L)	570	140	14	110	120	150	140	120	140	120	120	120	130	130	150	100	120	150	120	76	110	550	130	59	109	76	83	93	110	110	110	110	NS
Chloride (mg/L)	81	70	88	84	68	3.3	65	59	74	62	46	56	76	72	21	7	55	57	54	8.8	56	44	27	5.5	36	7.6	15	24	33	28	29	35	250
Color (Pt-Co)		280					750					850	750					600					675					350	750				15
Nitrate-Nitrogen (mg/L)	<0.2	<0.2	<0.2	1.5	4.9	0.16	<0.1	<0.1	0.13	<0.1	<0.1	<0.1	0.16	<0.1	0.23	<0.1	<0.1	<0.1	<0.1	0.72	0.23	<0.1	<0.1	0.49	0.16	0.18	0.19	<0.1	<0.1	<0.10	<0.1	<0.1	10
Sulfate (mg/L)	<5.0	35	12	28	34	9.3	41	44	35	47	45	52	58	61	47	8.6	54	57	49	28	39	37	23	14	15	7.5	5.9	5	4.8	2.8	4.4	5.2	250
Total Alkalinity (mg/L)	670	370	710	470	450	680	460	440	430	470	430	390	460	470	160	360	390	410	340	120	320	330	290	150	320	140	230	300	350	320	320	340	NS
Total Cyanide (mg/L)		<0.01					<0.01					<0.01	<0.01					<0.01					<0.01					<0.01	<0.01				0.2
Total Dissolved Solids (mg/L)	540	540	710	660	610	408	590	600	670	570	480	650	720	650	420	520	580	640	580	240	510	440	420	240	460	280	280	360	430	400	430	440	500
Total Hardness (mg/L)	300	260	350	310	244	390	320	270	280	270	260	250	270	280	140	240	270	270	310	97	230	220	200	90	180	140	150	200	210	180	210	210	NS
Total Kjeldahl Nitrogen (mg/L)	44	36	36	24	26	680	50	51	52	43	50	39	50	44	26	36	41	41	25	6.4	35	24	18	8.5	21	11	13	19	19	19	25	24	NS
Total Organic Carbon (mg/L)	55	48	45.9	38.5	38.1	60	48	55	49	44	43	47	50	46	50	41	42	27	43	28	39	39	34	23	38	26	25	38	41	38	43	39	NS
Total Phenols (mg/L)	0.01	<0.005	0.01	0.014	0.006	0.0055	0.004	0.004	0.0026	0.0034	0.0039	0.0042	0.0027	0.012	0.0044	0.003	0.0032	0.003	0.0024	NA	0.004	<0.002	0.0021	<0.002	<0.01	0.0047	0.0041	0.0044	0.0021	0.0052	0.0021	<0.05	0.001
Part 360 Routine Metals																																	
Boron (mg/L)		0.7				1.7	1.2			<0.5	0.83	<0.5	0.99	0.83	<0.5			1.1	1.2	<0.5	0.95		0.8					0.55	0.83				1
Cadmium (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.01	<0.01	0.005
Calcium (mg/L)	62.9	61.1	74.9	64.2	56.4	87	77	66	70	66	64	65	71	71	35	63	69	80	76	24	57	54	49	21	45	32	33	51	52	46	54	53	NS
Iron (mg/L)	41.1	39.2	40.8	37.7	33.2	53	45	38	41	42	39	40	40	40	35	34	41	47	45	27	34	31	29	11	27	26	24	27	31	27	28	27	0.3*
Lead (mg/L)	0.0071	0.0041	0.006	0.014	0.006	<0.01	<0.01	<0.01	<0.01	0.013	0.014	<0.01	<0.01	<0.01	0.035	0.014	<0.01	<0.01	0.018	<0.01	0.012	0.015	<0.01	0.012	<0.01	0.032	0.028	<0.01	<0.01	0.01	0.012	<0.01	0.025
Magnesium (mg/L)	33.6	25.9	39.5	36.5	25.1	41	32	25	25	25	25	22	24	25	14	20	25	29	28	9.1	22	20	18	9	17	14	16	17	20	17	17	19	35 (GV)
Manganese (mg/L)	0.837	0.84	0.82	0.89	0.87	0.96	0.85	0.73	0.8	0.76	0.76	0.7	0.73	0.71	0.67	0.65	0.72	0.82	0.85	0.83	0.68	0.68	0.64	0.38	0.55	0.61	0.59	0.62	0.65	0.57	<0.01	0.64	0.3*
Potassium (mg/L)	54.8	40.9	48	50.5	38.4	60	46	66	43	39	41	37	40	43	23	40	39	47	39	20	37	42	40	14	28	19	20	26	34	26	29	14	NS
Sodium (mg/L)	46.1	39.6	60	55.5	50.5	83	64	48	54	56	59	50	53	57	15	37	52	58	47	9.9	44	36	31	7.7	33	7.4	19	25	36	28	50	32	20
Part 360 Additional Baseline Metals																																	
Aluminum (mg/L)		0.439					1					1.2	0.83					2.3					1.1					1.4	2.6				NS
Antimony (mg/L)		<0.015					0.034					<0.01	<0.01					<0.01					<0.01					<0.01	<0.01				0.003
Arsenic (mg/L)		<0.01					0.011					<0.01	<0.01					0.026					0.011					0.024	<0.01				0.025
Barium (mg/L)		0.217					<0.2					0.43	0.49					0.61					0.23					0.22	0.31				1
Beryllium (mg/L)		<0.003					<0.01					<0.01	<0.01					<0.01					<0.01					<0.01	<0.01				0.003 (GV)
Chromium (mg/L)		<0.005					<0.01					<0.01	<0.01					<0.01					<0.01					<0.01	<0.01				0.05
Chromium, Hexavalent (mg/L)		<0.01					<0.01					<0.01	<0.01					<0.01					<0.01					<0.01	<0.01				0.05
Cobalt (mg/L)		<0.01					<0.01					<0.01	<0.01					<0.01					<0.01					<0.01	<0.01				NS
Copper (mg/L)		<0.01					<0.01					0.022	<0.01					<0.01					<0.01					<0.01	<0.01				0.2
Mercury (mg/L)		<0.0002					<0.0002					<0.0002	<0.0002					<0.0002					<0.0002					<0.0002	<0.0002				0.0007
Nickel (mg/L)		<0.03					<0.01					<0.01	<0.01					<0.01					0.046					<0.01	<0.01				0.1
Selenium (mg/L)		<0.005					<0.01					<0.01	<0.01					<0.01					<0.01					<0.01	<0.01				0.01
Silver (mg/L)		<0.01					<0.01					<0.01	<0.01					<0.01					<0.01					<0.01	<0.01				0.05
Thallium (mg/L)		0.0105					<0.01					<0.01	<0.01					<0.01					<0.01					<0.01	<0.01				0.0005 (GV)
Vanadium (mg/L)		<0.3					0.013					0.013	0.01					0.018					0.016					0.029	0.013				NS
Zinc (mg/L)		0.056					0.067					0.036	0.034					0.097					0.041					0.029	0.029				2
Part 360 Volatile Organics																																	
1,1,1,2-Tetrachloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0					<5					<1					<1	<1				5
1,1,1-Trichloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0		<5			<5					<1					<1	<1				5
1,1,2,2-Tetrachloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0		<5			<5					<1					<1	<1				5
1,1,2-Trichloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0		<5			<5					<1					<1	<1				1
1,1-Dichloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0		<5			<5					<1					<1	<1				5
1,1-Dichloroethene (µg/L)		<5.0					<5.0					<5.0	<5.0		<5			<5					<1					<1	<1				5
1,2,3-Trichloropropane (µg/L)							<5.0					<5.0	<5.0					<5					<1					<1	<1				0.04
1,2-Dibromo-3-chloropropane (µg/L)		<10.0					<5.0					<5.0	<5.0					<5					<1					<1	<1				0.04
1,2-Dibromoethane (EDB) (µg/L)		<5.0					<5.0					<5.0	<5.0					<5					<1					<1	<1				5
1,2-Dichlorobenzene (µg/L)		<5.0					<5.0					<5.0	<5.0					<5					<1					<1	<1				3
1,2-Dichloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0		<5			<5					<1					<1	<1				0.6
1,2-Dichloropropane (µg/L)		<5.0					<5.0					<5.0	<5.0		<5			<5					<1					<1	<1				1
1,3-Dichlorobenzene (µg/L)		<5.0																															3
trans-1,4-Dichloro-2-butene (µg/L)		<10.0																										<5					5
1,4-Dichlorobenzene (µg/L)		<5.0					<5.0					<5.0	<5.0					<5					<1					<1	<1				3
2-Butanone (MEK) (µg/L)		<10.0					<10.0					<10.0	<10.0		<10			<10					<10					<5	<5				50 (GV)
2-Hexanone (µg/L)		<10.0					<10.0					<10.0	<10.0		<10			<10					<10					<5	<5				50 (GV)
4-Methyl 2-pentanone (µg/L)		<10.0					<10.0					<10.0	<10.0		<10			<10					<10					<5	<5				NS
Acetone (µg/L)		<10.0					<10.0					<10.0	<10.0		10			<10					<10					<10	<5				50 (GV)
Acrylonitrile (µg/L)		<100.0					<20.0					<20.0	<20.0					<20					<5					<20	<40				5
Benzene (µg/L)		<5.0					14					17	24		15			16					4.3					6.3	8.7				1
Bromochloromethane (µg/L)		<5.0					<5.0					<5.0	<5.0					<5					<1					<1	<1				5
Bromodichloromethane (µg/L)		<5.0										<5.0	<5.0		<5			<5					<1					<1	<1				50 (GV)
Bromoform (µg/L)		<5.0					<5.0					<5.0	<5.0		<5			<5					<1					<1	<1				50 (GV)
Bromomethane (µg/L)		<5.0					<5.0					<5.0	<5.0		<5			<5					<1					<1	<1				5
Carbon disulfide (µg/L)		<18.0					<5.0					<5.0	<5.0		<5			<5					<1					<1	<1				60 (GV)
Carbon tetrachloride (µg/L)		<5.0					<5.0					<5.0	<5.0		<5			<5					<1					<1	<1				5
Chlorobenzene (µg/L)		23					8.4					5.8	5.3		<5			<5					4.4					4.1	3.9				5
Chloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0		<5			<5					<1					<1	<1				5
Chloroform (µg/L)		<5.0					<5.0					<5.0	<5.0		<5			<5					<1					<1	<1				7
Chloromethane (µg/L)		<5.0					<5.0					<5.0	<5.0		<5			<5					<1					<1	<1				5
cis-1,2-Dichloroethene (µg/L)		<5.0					<5.0					<5.0	<5.0					<5					<1					<1	<1				5
cis-1,3-Dichloropropene (µg/L)		<5.0					<5.0					<5.0	<5.0		<5			<5					<1					<1	<1				0.4**
Dibromochloromethane (µg/L)		<5.0					<5.0					<5.0	<5.0		<5			<5					<1					<1	<1				50 (GV)
Dibromomethane (µg/L)		<5.0					<5.0					<5.0	<5.0					<5					<1					<1	<1				5
Ethyl benzene (µg/L)		<5.0					<5.0					<5.0	<5.0		<5			<5					<1					<1	<1				5
Iodomethane (µg/L)		<5.0					<20.0					<20.0	<10.0					<10					<10					<5	<10				5
Methylene Chloride (µg/L)		<5.0					<10.0					<10.0	<10.0		<10			<10					<10					<5	<1				5
Styrene (µg/L)							<5.0					<5.0	<5.0		<5			<5					<1					<1	<1				5
Tetrachloroethene (µg/L)		<5.0					<5.0					<5.0	<5.0		<5			<5					<1					<1	<1				5
Toluene (µg/L)		<5.0					<5.0					<5.0	<5.0		<5			<5					<1					<1	<1				5
trans-1,2-Dichloroethene (µg/L)		<5.0					<5.0					<5.0	<5.0					<5					<1					<1	<1				5

City of Rome
Tannery Road Landfill
MW-7D
Ground Water Analtyical Data

Parameter	Mar-99	Jun-99	Sep-99	Dec-99	Mar-00	Jun-00	Sep-00	Dec-00	Mar-01	Jun-01	Sep-01	Dec-01	Mar-02	Jun-02	Sep-02	Dec-02	Mar-03	Jun-03	Sep-03	Dec-03	Mar-04	Jun-04	Sep-04	Dec-04	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06	Dec-06	NYSDEC Ground Water Standard
trans-1,3-Dichloropropene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1					<1	<1				0.4**
trans-1,4-Dichloro-2-butene (µg/L)							<50.0					<50.0	<10.0					<10					<10					<5	<10				5
Trichloroethene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1					<1	<1				5
Trichlorofluoromethane (µg/L)		<5.0					<5.0					<5.0	<5.0					<5					<1					<1	<1				5
Vinyl Acetate (µg/L)		<50.0					<20.0					<20.0	<20.0					<20					<5					<5	<10				NS
Vinyl Chloride (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5					<1					<1	<1				2
Xylenes (Total) (µg/L)		2					16					130	180				160	97					<1					110	190				5
1,2-Dichloroethene - Total																	<5																5

Notes

1) < indicates not detected at or above the listed value
2) NS indicates that no standard has been promulgated.
3) * indicates that the sum of these two analytes may not exceed 500 µg/L.
4) GV indicates that the value listed is a guidance value rather than a standard.
5) Values in bold exceeded the applicable NYSDEC ground water standard/guidance value.
6) ** indicates standard applies to the sum of the isomers

City of Rome
Tannery Road Landfill
MW-9S
Ground Water Analytical Data

Parameter	3/1/99	6/1/99	9/1/99	12/1/99	3/1/00	6/1/00	9/1/00	12/1/00	3/1/01	6/1/01	9/1/01	12/1/01	3/28/02	6/17/02	9/24/02	12/18/02	3/12/03	6/25/03	9/17/03	12/16/03
Field Parameters																				
Conductivity (µmhos/cm)	485	398	369	411	413	414	411	411	419	365	390	408	435	415	377	410	423	385	392	480
pH (s.u.)	7.67	7.32	7.23	7.31	7.11	6.89	6.96	7.28	7.2	6.94	6.65	7.39	7.15	7.39	8.9		7.3	7.17	7.5	7.5
Temperature (deg C)	5.8	14.6	12.9	7.4	6.4	9.8	11	8.2	6.1	11.9	11.4	8.2	7.4	9.3	12.7	8	6.3	11.3	12.8	6
Turbidity (NTU)	**999**	**324**	**659**	**999**	**999**	**999**	**999**	**999**	**999**	**704**	**241**	**466**	**460**	**501**	**999**	**506**	**218**	**999**	**614**	**50**
Part 360 Leachate Indicator Parameters																				
Ammonia-Nitrogen (mg/L)	<0.5	<0.5	<0.3	<0.3	<0.3	0.14	0.3	0.15	0.28	0.3	0.39	0.21	0.17	0.33	0.32	0.56	0.16	1.8	0.93	<0.03
Biochemical Oxygen Demand (BOD5) (mg/L)	<4.0	5	3.9	5	4.7	5.6	2.1	<4.0		<4.0	4.2	<4.0	<4.0	<4.0	**18**	4.5	<4.0	**4.4**	<4.0	<4
Bromide (mg/L)	<0.2	<0.2	<2.0	<2.0	<2.0	0.15	<0.1	<0.1	<0.1	0.17	0.12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chemical Oxygen Demand (mg/L)	160	120	26	76	64	74	160	120	96	120	72	75	290	75	87	**64**	57	120	67	75
Chloride (mg/L)	8	3	4.1	<2.0	2.6	3.3	3.3	3.3	3.4	3.2	3.6	3.3	3.2	3.4	3.3	3.2	3.2	3.2	3.4	3.4
Color (Pt-Co)		**530**					**400**					**600**	**850**					**750**		
Nitrate-Nitrogen (mg/L)	<0.2	<0.2	<0.2	0.5	0.3	<0.1	<0.1	<0.1	<0.1	0.18	<0.1	0.17	0.16	<0.1	0.14	<0.1	<0.1	<0.1	<0.1	0.18
Sulfate (mg/L)	5	8	12	8	12	8.5	2.3	4.7	4.2	2.9	3.1	8.6	15	8.4	3.2	6.2	19	15	3.2	8
Total Alkalinity (mg/L)	230	260	1400	260	270	240	270	280	230	260	240	210	240	250	230	250	240	250	220	240
Total Cyanide (mg/L)		<0.01					<0.01					<0.01	<0.01					<0.01		
Total Dissolved Solids (mg/L)	420	260	360	340	340	390	420	400	360	380	240	430	360	340	330	380	390	360	340	320
Total Hardness (mg/L)	1100	530	477.2904	489.5396	466	610	720	700	1200	300	420	390	460	360	650	730	380	400	410	150
Total Kjeldahl Nitrogen (mg/L)	2.8	1.9	0.5	<0.3	<0.3	0.97	1.4	1.7	1	1.3	1	0.7	0.45	1.2	1.7	0.52	0.74	1.5	0.57	0.63
Total Organic Carbon (mg/L)	30	29	28.6	38.5	32.6	32	31	36	35	30	29	32	29	31	32	26	24	32	25	28
Total Phenols (mg/L)	<0.005	<0.005	<0.001	**0.005**	<0.001	**0.0022**	**0.019**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	**0.0087**	**0.0035**	<0.002	<0.002	**0.0022**	**0.0026**	**0.0031**
Part 360 Routine Metals																				
Boron (mg/L)		<0.1				<0.5	<0.5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			<0.5	<0.5	<0.5
Cadmium (mg/L)	**0.0088**	**0.0053**	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (mg/L)	307	142	142	138	138	160	190	180	300	**88**	120	110	130	100	170	200	100	110	120	50
Iron (mg/L)	**85.3**	**47.8**	**28.2**	**26.8**	**14.3**	37	**56**	**56**	**110**	**21**	**30**	**24**	**29**	**26**	**48**	**52**	**25**	**36**	**29**	**2.6**
Lead (mg/L)	**0.0381**	0.021	0.011	0.017	0.008	<0.01	<0.01	**0.043**	**0.042**	0.012	0.012	0.011	0.017	0.014	**0.034**	**0.041**	<0.01	<0.01	0.023	<0.01
Magnesium (mg/L)	**83.9**	**43.5**	29.8	**35.2**	29.4	**48**	**58**	**60**	**100**	19	29	28	34	26	**53**	**60**	27	30	27	5.2
Manganese (mg/L)	**4.21**	**2.13**	**1.7**	**1.9**	**1.6**	**2.4**	**2.8**	**2.7**	**5**	**1.1**	**1.5**	**1.5**	**1.8**	**1.4**	**2.6**	**3**	**1.4**	**1.6**	**1.5**	**0.36**
Potassium (mg/L)	12.1	6.96	2.3	4.6	2.4	4.6	6.4	7.3	14	4.2	7.2	4.6	4.6	6.6	6.3	5.4	4.5	5.8	4.9	2.7
Sodium (mg/L)	**49.3**	**39.3**	**30**	**41.7**	**46**	**46**	**49**	**53**	**55**	**48**	**33**	**43**	**55**	**57**	**38**	**40**	**53**	**54**	**37**	**55**
Part 360 Additional Baseline Metals																				
Aluminum (mg/L)		23.9					<0.01					12	12					18		
Antimony (mg/L)		<0.015					**0.048**					<0.01	<0.01					<0.01		
Arsenic (mg/L)		<0.01					<0.01					0.016	0.019					**0.035**		
Barium (mg/L)		0.201					0.23					<0.2	<0.2					0.2		
Beryllium (mg/L)		<0.003					<0.01					<0.01	<0.01					<0.01		
Chromium (mg/L)		**0.0592**					<0.01					0.02	0.022					0.033		
Chromium, Hexavalent (mg/L)		<0.01					<0.01					<0.01	<0.01					<0.01		
Cobalt (mg/L)		<0.02					0.024					<0.01	<0.01					0.014		
Copper (mg/L)		0.0845					0.092					0.036	0.027					0.085		
Mercury (mg/L)		<0.0002					<0.0002					<0.0002	<0.0002					<0.0002		
Nickel (mg/L)		0.0726					0.071					0.027	0.034					0.042		
Selenium (mg/L)		<0.005					<0.01					<0.01	<0.01					<0.01		
Silver (mg/L)		<0.01					<0.01					<0.01	<0.01					<0.01		
Thallium (mg/L)		<0.01					<0.01					<0.01	<0.01					<0.01		
Vanadium (mg/L)		0.047					0.048					0.023	0.024					0.037		
Zinc (mg/L)		0.184					0.2					0.063	0.081					0.13		
Part 360 Volatile Organics																				
1,1,1,2-Tetrachloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0					<5		
1,1,1-Trichloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5		
1,1,2,2-Tetrachloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5		
1,1,2-Trichloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5		
1,1-Dichloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5		
1,1-Dichloroethene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5		
1,2,3-Trichloropropane (µg/L)							<5.0					<5.0	<5.0					<5		
1,2-Dibromo-3-chloropropane (µg/L)		<10.0					<5.0					<5.0	<5.0					<5		

City of Rome
Tannery Road Landfill
MW-9S
Ground Water Analytical Data

Parameter	3/1/99	6/1/99	9/1/99	12/1/99	3/1/00	6/1/00	9/1/00	12/1/00	3/1/01	6/1/01	9/1/01	12/1/01	3/28/02	6/17/02	9/24/02	12/18/02	3/12/03	6/25/03	9/17/03	12/16/03
1,2-Dibromoethane (EDB) (µg/L)		<5.0					<5.0					<5.0	<5.0					<5		
1,2-Dichlorobenzene (µg/L)		<5.0					<5.0					<5.0	<5.0					<5		
1,2-Dichloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5		
1,2-Dichloropropane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5		
1,3-Dichlorobenzene (µg/L)		<5.0																		
1,4-Dichlorobenzene (µg/L)		<5.0					<5.0					<5.0	<5.0					<5		
2-Butanone (MEK) (µg/L)		<10.0					<10.0					<10.0	<10.0				<10	<10		
2-Hexanone (µg/L)		<10.0					<10.0					<10.0	<10.0				<10	<10		
4-Methyl 2-pentanone (µg/L)		<10.0					<10.0					<10.0	<10.0				<10	<10		
Acetone (µg/L)		<10.0					<10.0					<10.0	<10.0				<10	<10		
Acrylonitrile (µg/L)		<100.0					<20.0					<20.0	<20.0					<20		
Benzene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5		
Bromochloromethane (µg/L)		<5.0					<5.0					<5.0	<5.0					<5		
Bromodichloromethane (µg/L)		<5.0										<5.0	<5.0				<5	<5		
Bromoform (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5		
Bromomethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5		
Carbon disulfide (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5		
Carbon tetrachloride (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5		
Chlorobenzene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5		
Chloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5		
Chloroform (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5		
Chloromethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5		
cis-1,2-Dichloroethene (µg/L)		<5.0					<5.0					<5.0	<5.0					<5		
cis-1,3-Dichloropropene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5		
Dibromochloromethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5		
Dibromomethane (µg/L)		<5.0					<5.0					<5.0	<5.0					<5		
Ethyl benzene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5		
Iodomethane (µg/L)		<5.0					<20.0					<20.0	<10.0					<10		
Methylene Chloride (µg/L)		<5.0					<10.0					<10.0	<10.0				<10	<10		
Styrene (µg/L)							<5.0					<5.0	<5.0				<5	<5		
Tetrachloroethene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5		
Toluene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5		
trans-1,2-Dichloroethene (µg/L)		<5.0					<5.0					<5.0	<5.0					<5		
trans-1,3-Dichloropropene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5		
trans-1,4-Dichloro-2-butene (µg/L)		<10.0					<50.0					<50.0	<10.0					<10		
Trichloroethene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5		
Trichlorofluoromethane (µg/L)		<5.0					<5.0					<5.0	<5.0					<5		
Vinyl Acetate (µg/L)		<50.0					<20.0					<20.0	<20.0					<20		
Vinyl Chloride (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5		
Xylenes (Total) (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5		
1,2-Dichloroethene - Total																	<5			

Notes

1) < indicates not detected at or above the listed value
2) NS indicates that no standard has been promulgated.
3) * indicates that the sum of these two analytes may not exceed 500 µg/L.
4) GV indicates that the value listed is a guidance value rather than a standard.
5) Values in bold exceeded the applicable NYSDEC ground water standard/guidance value.
6) ** Indicates standard applies to the sum of the isomers

City of Rome
Tannery Road Landfill
MW-9S
Ground Water Analytical Data

Parameter	3/23/04	6/22/04	9/28/04	12/16/04	3/22/05	6/28/05	9/27/05	12/6/05	3/28/06	6/28/06	9/26/06	12/13/06	NYSDEC Ground Water Standard
Field Parameters													
Conductivity (µmhos/cm)	413	365	394	410	308	404	404	380	390	350	391	375	NS
pH (s.u.)	6.98	6.78	6.95	7.3	7.57	7.3	7.5	6.7	7.7	8.1	7.83	7.11	6.5 - 8.5
Temperature (deg C)	5.2	11	13.2	7	6.6		12	8	7	14	12.5	9.3	NS
Turbidity (NTU)	**492**	**999**	**331**	**290**	**512**	**614**	**206**	**270**	**480**	**37**	-	**70**	5
Part 360 Leachate Indicator Parameters													
Ammonia-Nitrogen (mg/L)	0.56	0.64	0.48	<0.03	0.24	0.31	0.26	0.18	0.18	0.24	0.19	0.14	2
Biochemical Oxygen Demand (BOD5) (mg/L)	<4.0	12	4.7	4.8	4.3	4.6	6.2	<4	<4	<4.0	8.9	<4	NS
Bromide (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.100	<0.1	<0.1	<0.1	<0.1	<0.10	<0.1	<0.1	2
Chemical Oxygen Demand (mg/L)	120	120	79	86	140	65	66	78	58	79	97	65	NS
Chloride (mg/L)	3.5	3.6	3	3.1	3.1	4.2	3.4	3.4	3.4	3.1	3.6	3	250
Color (Pt-Co)			**700**					**800**	**1,500**				15
Nitrate-Nitrogen (mg/L)	<0.1	0.16	<0.1	0.15	0.15	0.13	<0.1	<0.1	<0.1	<0.10	<0.1	<0.1	10
Sulfate (mg/L)	5.9	3.5	1.9	3	2.3	3.2	1.8	3.3	7.5	5.4	2.3	3.8	250
Total Alkalinity (mg/L)	220	240	210	18	220	210	220	230	220	230	240	230	NS
Total Cyanide (mg/L)			<0.01					<0.01	<0.01				0.2
Total Dissolved Solids (mg/L)	360	250	370	290	350	310	310	340	300	290	330	270	500
Total Hardness (mg/L)	730	400	280	110	440	120	250	290	210	400	360	240	NS
Total Kjeldahl Nitrogen (mg/L)	1.1	1	0.78	0.64	0.96	0.89	0.59	0.59	0.38	0.63	1.1	6.1	NS
Total Organic Carbon (mg/L)	25	30	24	28	26	28	25	25	22	26	25	22	NS
Total Phenols (mg/L)	<0.002	<0.002	<0.002	<0.002	<0.010	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.05	0.001
Part 360 Routine Metals													
Boron (mg/L)	<0.5		0.027					<0.5	<0.5				1
Cadmium (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.010	<0.01	<0.01	<0.01	<0.01	<0.010	<0.01	<0.01	0.005
Calcium (mg/L)	180	120	84	38	120	41	75	89	65	120	110	74	NS
Iron (mg/L)	**67**	**13**	**6.1**	**0.75**	**23**	**3.2**	**14**	**12**	**13**	**12**	**21**	**3.1**	0.3*
Lead (mg/L)	**0.043**	0.017	<0.01	<0.01	<0.010	**0.046**	**0.043**	<0.01	<0.01	0.014	0.021	<0.01	0.025
Magnesium (mg/L)	**66**	26	16	3.3	33	5.2	15	16	12	26	24	12	35 (GV)
Manganese (mg/L)	**3**	**1.4**	**0.96**	0.25	**1.6**	**0.35**	**0.89**	**0.86**	**0.76**	**1.4**	0.026	**0.68**	0.3*
Potassium (mg/L)	7.8	3.5	2.2	2.2	5.3	3.4	4.1	3.1	7	2.7	4	<1	NS
Sodium (mg/L)	**62**	**53**	**33**	**47**	**48**	**43**	**30**	**26**	**51**	**34**	**37**	**34**	20
Part 360 Additional Baseline Metals													
Aluminum (mg/L)			1.4					5.6	9				NS
Antimony (mg/L)			<0.01					<0.01	<0.01				0.003
Arsenic (mg/L)			<0.01					**0.029**	<0.01				0.025
Barium (mg/L)			<0.2					0.11	<0.2				1
Beryllium (mg/L)			<0.01					<0.01	<0.01				0.003 (GV)
Chromium (mg/L)			<0.01					0.012	0.017				0.05
Chromium, Hexavalent (mg/L)			<0.01					<0.01	<0.01				0.05
Cobalt (mg/L)			<0.01					<0.01	<0.01				NS
Copper (mg/L)			<0.01					0.02	0.033				0.2
Mercury (mg/L)			<0.0002					<0.0002	<0.0002				0.0007
Nickel (mg/L)			0.014					0.012	0.02				0.1
Selenium (mg/L)			<0.01					<0.01	<0.01				0.01
Silver (mg/L)			<0.01					<0.01	<0.01				0.05
Thallium (mg/L)			<0.01					<0.01	<0.01				0.0005 (GV)
Vanadium (mg/L)			<0.01					0.012	0.017				NS
Zinc (mg/L)			0.022					0.039	0.045				2
Part 360 Volatile Organics													
1,1,1,2-Tetrachloroethane (µg/L)			<1					<1	<1				5
1,1,1-Trichloroethane (µg/L)			<1					<1	<1				5
1,1,2,2-Tetrachloroethane (µg/L)			<1					<1	<1				5
1,1,2-Trichloroethane (µg/L)			<1					<1	<1				1
1,1-Dichloroethane (µg/L)			<1					<1	<1				5
1,1-Dichloroethene (µg/L)			<1					<1	<1				5
1,2,3-Trichloropropane (µg/L)			<1					<1	<1				0.04
1,2-Dibromo-3-chloropropane (µg/L)			<1					<1	<1				0.04

City of Rome
Tannery Road Landfill
MW-9S
Ground Water Analytical Data

Parameter	3/23/04	6/22/04	9/28/04	12/16/04	3/22/05	6/28/05	9/27/05	12/6/05	3/28/06	6/28/06	9/26/06	12/13/06	NYSDEC Ground Water Standard
1,2-Dibromoethane (EDB) (µg/L)			<1					<1	<1				5
1,2-Dichlorobenzene (µg/L)			<1					<1	<1				3
1,2-Dichloroethane (µg/L)			<1					<1	<1				0.6
1,2-Dichloropropane (µg/L)			<1					<1	<1				1
1,3-Dichlorobenzene (µg/L)													3
1,4-Dichlorobenzene (µg/L)			<1					<1	<1				3
2-Butanone (MEK) (µg/L)			<10					<5	<5				50 (GV)
2-Hexanone (µg/L)			<10					<5	<5				50 (GV)
4-Methyl 2-pentanone (µg/L)			<10					<5	<5				NS
Acetone (µg/L)			<10					<10	<5				50 (GV)
Acrylonitrile (µg/L)			<5					<20	<20				5
Benzene (µg/L)			<1					<1	<1				1
Bromochloromethane (µg/L)			<1					<1	<1				5
Bromodichloromethane (µg/L)			<1					<1	<1				50 (GV)
Bromoform (µg/L)			<1					<1	<1				50 (GV)
Bromomethane (µg/L)			<1					<1	<1				5
Carbon disulfide (µg/L)			<1					<1	<1				60 (GV)
Carbon tetrachloride (µg/L)			<1					<1	<1				5
Chlorobenzene (µg/L)			<1					<1	<1				5
Chloroethane (µg/L)			<1					<1	<1				5
Chloroform (µg/L)			<1					<1	<1				7
Chloromethane (µg/L)			<1					<1	<1				5
cis-1,2-Dichloroethene (µg/L)			<1					<1	<1				5
cis-1,3-Dichloropropene (µg/L)			<1					<1	<1				0.4**
Dibromochloromethane (µg/L)			<1					<1	<1				50 (GV)
Dibromomethane (µg/L)			<1					<1	<1				5
Ethyl benzene (µg/L)			<1					<1	<1				5
Iodomethane (µg/L)			<10					<5	<5				5
Methylene Chloride (µg/L)			<10					<5	<1				5
Styrene (µg/L)			<1					<1	<1				5
Tetrachloroethene (µg/L)			<1					<1	<1				5
Toluene (µg/L)			<1					<1	<1				5
trans-1,2-Dichloroethene (µg/L)			<1					<1	<1				5
trans-1,3-Dichloropropene (µg/L)			<1					<1	<1				0.4**
trans-1,4-Dichloro-2-butene (µg/L)			<10					<5	<5				5
Trichloroethene (µg/L)			<1					<1	<1				5
Trichlorofluoromethane (µg/L)			<1					<1	<1				5
Vinyl Acetate (µg/L)			<5					<5	<5				NS
Vinyl Chloride (µg/L)			<1					<1	<1				2
Xylenes (Total) (µg/L)			<1					<1	<1				5
1,2-Dichloroethene - Total													5

Notes

1) < indicates not detected at or above the listed value
2) NS indicates that no standard has been promulgated.
3) * indicates that the sum of these two analytes may not exceed 500 µg/L
4) GV indicates that the value listed is a guidance value rather than a stan
5) Values in bold exceeded the applicable NYSDEC ground water standa
6) ** Indicates standard applies to the sum of the isomers

City of Rome
Tannery Road Landfill
Leachate Well LMW-10
Analytical Data

Parameter	3/28/02	6/17/02	9/24/02	12/18/02	3/12/03	6/25/03	9/17/03	12/16/03	3/23/04	6/22/04	9/28/04	12/16/04	3/22/05	6/28/05	9/27/05	12/6/05	3/28/06	6/28/06	9/26/06	12/13/06	NYSDEC Ground Water Standard
Field Parameters																					
Conductivity (µmhos/cm)	4,940	4,970	5,440	3,780	4,050	4,810	5,600	4,300	4,810	5,990	3,480	4,743	5,320	4,787	4,570	3,600	5,800	6,400	2,110	5,160	NS
pH (s.u.)	**6.48**	6.63	7		6.6	6.5	**6.78**	**6.4**	6.59	**6.14**	**6.22**	6.5	7.03	6.57	6.99	**6.3**	7	8	7.17	6.69	6.5 - 8.5
Temperature (deg C)	12.8	15.2	17.2	10.4	7.6	19.7	15.8	9	12.8	16	16.8	10	13		15.5	12	14	18	15.1	13.5	NS
Turbidity (NTU)	**356**	**183**	**585**	**164**	**207**	**383**	**47**	**430**	**189**	**10**	**73**	**189**	**246**	**236**	**100**	**68**	**168**	**600**	-	**81**	5
Part 360 Leachate Indicator Parameters																					
Ammonia-Nitrogen (mg/L)	**200**	**260**	**270**	**200**	**280**	**280**	**270**	**230**	**380**	**350**	**160**	**260**	**290**	**300**	**300**	**230**	**340**	**330**	**160**	**280**	2
Biochemical Oxygen Demand (BOD5) (mg/L)	38	24	46	34	30	20	36	43	28	32	31	41	<4.0	31	36	24	39	36	36	35	NS
Bromide (mg/L)	**2.6**	**3**	**3.9**	1.9	**2.1**	**3.2**	**3.8**	**2.3**	**3.7**	**4.2**	**2.5**	**3.3**	**4.2**	**2.7**	**3**	**2.2**	**17**	<0.10	1.6	**5.9**	2
Chemical Oxygen Demand (mg/L)	420	250	3,200	270	340	490	640	270	300	470	290	490	670	440	430	240	240	71	200	560	NS
Chloride (mg/L)	**440**	**430**	**610**	**380**	200	**450**	**550**	**260**	**450**	**600**	**280**	**410**	**560**	**410**	**470**	**340**	**570**	**600**	220	**590**	250
Color (Pt-Co)	**1,400**					**600**					**950**					**500**	**1,500**				15
Nitrate-Nitrogen (mg/L)	<0.1	0.16	0.17	<0.1	<0.1	0.15	0.76	0.54	<0.1	<0.1	0.2	0.28	0.27	0.19	<0.1	<0.1	<0.1	<0.10	<0.1	<0.1	10
Sulfate (mg/L)	2.9	2.2	3.6	2.2	2.3	2.5	<1	2.3	3.6	1.4	2.1	2	1.8	2.3	60	<1	2.5	2.8	2.2	<1	250
Total Alkalinity (mg/L)	1,700	1,900	2,200	1,500	1,600	1,800	2,000	1,500	2,000	2,100	1,900	1,900	2,400	2,500	1,200	1,900	2,400	2,700	1,400	2,900	NS
Total Cyanide (mg/L)	<0.01					<0.01					<0.01					<0.01	<0.01				0.2
Total Dissolved Solids (mg/L)	**1,900**	**2,100**	**2,500**	**1,500**	**1,400**	**2,200**	**2,500**	**1,200**	**2,200**	**2,400**	**1,700**	**1,900**	**2,700**	**2,000**	**2,100**	**1,800**	**2,600**	**2,600**	**1,200**	**2,700**	500
Total Hardness (mg/L)	580	580	690	480	550	750	790	430	700	590	480	520	660	670	450	600	740	690	460	800	NS
Total Kjeldahl Nitrogen (mg/L)	290	220	320	220	280	300	330	350	330	380	260	220	310	270	260	210	330	390	150	280	NS
Total Organic Carbon (mg/L)	160	150	230	99	120	120	230	110	180	240	75	160	230	200	120	13	210	270	84	180	NS
Total Phenols (mg/L)	**0.016**	**0.02**	**0.015**	**0.026**	<0.002	**0.015**	**0.013**	**0.017**	**0.017**	**0.021**	**0.02**	**0.016**	<0.01	<0.002	**0.0022**	<0.002	<0.002	<0.002	<0.002	<0.05	0.001
Part 360 Routine Metals																					
Boron (mg/L)	**2.5**	**2.7**	**3.7**			**3.4**	**4.4**	**1.6**	**3.8**		**1.7**					**2.3**	**3.8**				1
Cadmium (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.01	<0.01	0.005
Calcium (mg/L)	120	120	140	100	110	150	150	91	120	110	110	97	110	120	91	120	120	130	100	130	NS
Iron (mg/L)	**62**	**60**	**70**	**48**	**58**	**61**	**68**	**52**	**38**	47	**49**	**35**	**45**	**35**	**45**	**34**	**35**	**49**	**39**	**16**	0.3*
Lead (mg/L)	**0.049**	**0.031**	**0.04**	0.022	**0.041**	<0.01	0.014	0.022	**0.028**	<0.01	<0.01	<0.01	0.017	<0.01	**0.26**	0.014	**0.03**	**0.036**	0.021	<0.01	0.025
Magnesium (mg/L)	**68**	67	83	**53**	65	**94**	**100**	**50**	**96**	75	**53**	**67**	**92**	**92**	**54**	**74**	**110**	**91**	**51**	**110**	35 (GV)
Manganese (mg/L)	**1.3**	**1.5**	**2.4**	**1.6**	**1.5**	**1.7**	**2.7**	**1.3**	**0.74**	**1.5**	**1.6**	**0.85**	**1**	**0.62**	**1.4**	**0.76**	**0.55**	**1.2**	0.029	0.26	0.3*
Potassium (mg/L)	190	200	340	180	230	230	410	220	350	330	320	380	330	320	280	250	280	300	160	240	NS
Sodium (mg/L)	**430**	**460**	**600**	**250**	**270**	**420**	**630**	**250**	**500**		**230**	**470**	**580**	**410**	**270**	**380**	**370**	**490**	**230**	**580**	20
Part 360 Additional Baseline Metals																					
Aluminum (mg/L)	2.4					0.9					0.28					**0.96**	1.4				NS
Antimony (mg/L)	<0.01					<0.01					**0.012**					<0.01	<0.01				0.003
Arsenic (mg/L)	0.02					**0.038**					0.022					**0.03**	<0.01				0.025
Barium (mg/L)	<0.2					0.32					0.25					0.47	0.75				1
Beryllium (mg/L)	<0.01					<0.01					<0.01					<0.01	<0.01				0.003 (GV)
Chromium (mg/L)	0.031					0.019					<0.01					0.017	0.02				0.05
Chromium, Hexavalent (mg/L)	<0.01					<0.01					<0.01					0.013	<0.01				0.05
Cobalt (mg/L)	0.012					0.017					<0.01					0.012	0.018				NS
Copper (mg/L)	0.052					0.013					<0.01					0.018	**0.024**				0.2
Mercury (mg/L)	0.0002					<0.0002					<0.0002					<0.0002	<0.0002				0.0007
Nickel (mg/L)	0.062					0.049					0.024					0.029	0.046				0.1
Selenium (mg/L)	<0.01					<0.01					<0.01					<0.01	**0.013**				0.01
Silver (mg/L)	<0.01					<0.01					<0.01					<0.01	<0.01				0.05
Thallium (mg/L)	<0.01					<0.01					<0.01					<0.01	<0.01				0.0005 (GV)
Vanadium (mg/L)	<0.01					0.012					0.013					0.013	0.025				NS
Zinc (mg/L)	0.16					0.11					0.099					0.052	0.061				2
Part 360 Volatile Organics																					
1,1,1,2-Tetrachloroethane (µg/L)	<5.0					<5					<1					<5	<5				5
1,1,1-Trichloroethane (µg/L)	<5.0				<5	<5					<1					<5	<5				5
1,1,2,2-Tetrachloroethane (µg/L)	<5.0				<5	<5					<1					<5	<5				5
1,1,2-Trichloroethane (µg/L)	<5.0				<5	<5					<1					<5	<5				1
1,1-Dichloroethane (µg/L)	<5.0				<5	<5					<1					<5	<5				5
1,1-Dichloroethene (µg/L)	<5.0				<5	<5					<1					<5	<5				5

City of Rome
Tannery Road Landfill
Leachate Well LMW-10
Analytical Data

Parameter	3/28/02	6/17/02	9/24/02	12/18/02	3/12/03	6/25/03	9/17/03	12/16/03	3/23/04	6/22/04	9/28/04	12/16/04	3/22/05	6/28/05	9/27/05	12/6/05	3/28/06	6/28/06	9/26/06	12/13/06	NYSDEC Ground Water Standard
1,2,3-Trichloropropane (µg/L)	<5.0					<5					<1					<5	<5				0.04
1,2-Dibromo-3-chloropropane (µg/L)	<5.0					<5					<1					<5	<5				0.04
1,2-Dibromoethane (EDB) (µg/L)	<5.0					<5					<1					<5	<5				5
1,2-Dichlorobenzene (µg/L)	<5.0					<5					<1					<5	<5				3
1,2-Dichloroethane (µg/L)	<5.0				<5	<5					<1					<5	<5				0.6
1,2-Dichloropropane (µg/L)	<5.0				<5	<5					<1					<5	<5				1
1,4-Dichlorobenzene (µg/L)	<5.0					<5					**3.7**					<5	<5				3
2-Butanone (MEK) (µg/L)	<10.0				<10	<10					<10					<20	<50				50 (GV)
2-Hexanone (µg/L)	<10.0				<10	<10					<10					<20	<50				50 (GV)
4-Methyl 2-pentanone (µg/L)	<10.0					<10					<10					<20	<50				NS
Acetone (µg/L)	18				28	13					<10					<50	<50				50 (GV)
Acrylonitrile (µg/L)	<20.0					<20					<5					<100	<200				5
Benzene (µg/L)	**5.5**				**5.7**	<5					**5**					**6.2**	**7.7**				1
Bromochloromethane (µg/L)	<5.0					<5					<1					<5	<5				5
Bromodichloromethane (µg/L)	<5.0				<5	<5					<1					<5	<5				50 (GV)
Bromoform (µg/L)	<5.0				<5	<5					<1					<5	<5				50 (GV)
Bromomethane (µg/L)	<5.0				<5	<5					<1					<5	<5				5
Carbon disulfide (µg/L)	<5.0				<5	<5					<1					<5	<5				60 (GV)
Carbon tetrachloride (µg/L)	<5.0				<5	<5					<1					<5	<5				5
Chlorobenzene (µg/L)	<5.0				<5	<5					4.1					**5.3**	<5				5
Chloroethane (µg/L)	**33**				**33**	**22**					**22**					**24**	**20**				5
Chloroform (µg/L)	<5.0				<5	<5					<1					<5	<5				7
Chloromethane (µg/L)	<5.0				<5	<5					<1					<5	<5				5
cis-1,2-Dichloroethene (µg/L)	<5.0					<5					<1					<5	<5				5
Chloromethane (µg/L)	<5.0				<5	<5					<1					<5	<5				5
cis-1,2-Dichloroethene (µg/L)	<5.0					<5					<1					<5	<5				5
cis-1,3-Dichloropropene (µg/L)	<5.0				<5	<5					<1					<5	<5				0.4**
Dibromochloromethane (µg/L)	<5.0				<5	<5					<1					<5	<5				50 (GV)
Dibromomethane (µg/L)	<5.0					<5					<1					<5	<5				5
Ethyl benzene (µg/L)	**29**				<5	<5					<1					<5	<5				5
Iodomethane (µg/L)	<10.0					<10					<10					<20	<50				5
Methylene Chloride (µg/L)	<10.0				<10	<10					<10					<20	<5				5
Styrene (µg/L)	<5.0				<5	<5					<1					<5	<5				5
Tetrachloroethene (µg/L)	<5.0				<5	<5					<1					<5	<5				5
Toluene (µg/L)	<5.0				<5	<5					<1					<5	<5				5
trans-1,2-Dichloroethene (µg/L)	<5.0					<5					<1					<5	<5				5
trans-1,3-Dichloropropene (µg/L)	<5.0				<5	<5					<1					<5	<5				0.4**
trans-1,4-Dichloro-2-butene (µg/L)	<10.0					<10					<10					<20	<50				5
Trichloroethene (µg/L)	<5.0				<5	<5					<1					<5	<5				5
Trichlorofluoromethane (µg/L)	<5.0					<5					<1					<5	<5				5
Vinyl Acetate (µg/L)	<20.0					<20					<5					<20	<50				NS
Vinyl Chloride (µg/L)	<5.0				<5	<5					<1					<5	<5				2
Xylenes (Total) (µg/L)	**75**				**96**	**28**					**63**					**69**	**26**				5
1,2-Dichloroethene - Total					<5																5

Notes

1) < indicates not detected at or above the listed value
2) NS indicates that no standard has been promulgated.
3) * indicates that the sum of these two analytes may not exceed 500 µg/L.
4) GV indicates that the value listed is a guidance value rather than a standard.
5) Values in bold exceeded the applicable NYSDEC ground water standard/guidance value.
6) ** Indicates standard applies to the sum of the isomers

City of Rome
Tannery Road Landfill
Leachate Well LMW-12
Analytical Data

Parameter	3/1/99	6/1/99	9/1/99	12/1/99	3/1/00	6/1/00	9/1/00	12/1/00	3/1/01	6/1/01	9/1/01	12/1/01	3/28/02	6/17/02	9/24/02	12/18/02	3/12/03	6/25/03
Field Parameters																		
Conductivity (µmhos/cm)	3,400	3,430	3,850	3,900	4,470	4,770	4,560	4,940	4,080	3,820	4,100	5,090	4,750	4,490	5,700	4,430	4,820	4,500
pH (s.u.)	**6.12**	6.74	6.69	6.7	6.64	7.01	6.54	6.5	6.56	6.54	6.75	6.65	**6.42**	6.66	7.1		6.7	6.64
Temperature (deg C)	12.2	17.8	15.3	12	10.9	16	14.8	9.4	11.7	18.4	14.1	11.9	12.2	14.5	17	10.3	7.5	18.2
Turbidity (NTU)	**228**	**368**	**678**	**650**	**351**	**153**	**268**	**180**	**150**	**432**	**315**	**125**	**53**	**25**	**350**	**243**	**111**	**253**
Part 360 Leachate Indicator Parameters																		
Ammonia-Nitrogen (mg/L)	**150**	**120**	**170**	**160**	**210**	**260**	**250**	**250**	**200**	**190**	**240**	**270**	**200**	**210**	**220**	**200**	**240**	**280**
Biochemical Oxygen Demand (BOD5) (mg/L)	17	34	16	16	34	37	30	29		5.5	40	25	<20.0	18	46	37	28	22
Bromide (mg/L)	**2.1**	<0.2	<2.0	**5.1**	**4.47**	**4.8**	**5.4**	**5.7**	**4.2**	**3.9**	**3.9**	**4.3**	**4.4**	**4.5**	**4.8**	**4.8**	**5.2**	**4.4**
Chemical Oxygen Demand (mg/L)	170	370	<10.0	270	380	400	440	440	360	170	31	240	97	280	410	400	360	420
Chloride (mg/L)	**280**	**330**	**320**	**330**	**370**	**500**	**410**	**510**	**320**	**330**	**460**	**330**	**350**	**340**	**470**	**460**	**320**	**370**
Color (Pt-Co)		**580**					300					**750**	**1500**					**750**
Nitrate-Nitrogen (mg/L)	<0.2	<0.2	<0.2	<0.2	<0.2	0.21	<0.1	0.15	0.17	0.26	0.16	<0.1	0.38	0.19	0.2	0.25	0.28	**0.19**
Sulfate (mg/L)	180	6	11	<5.0	53	1.9	1.5	1.4	2.3	2.8	3	<1.0	2.3	1.9	2.2	2.5	2.2	2.3
Total Alkalinity (mg/L)	1400	1600	280	1400	990	990	1800	1800	1300	1700	1800	1800	1600	1800	1800	1700	1,900	1,800
Total Cyanide (mg/L)		<0.01					<0.01					<0.01	<0.01					<0.01
Total Dissolved Solids (mg/L)	**1500**	**1400**	**1630**	**1750**	**1830**	**2100**	**1900**	**2000**	**1800**	**1700**	**1700**	**2000**	**1700**	**1900**	**1900**	**1800**	**1,900**	**2,000**
Total Hardness (mg/L)	652	620	831	635	596	540	620	630	620	620	660	580	650	620	630	660	600	590
Total Kjeldahl Nitrogen (mg/L)	160	180	170	160	200	260	280	270	210	190	230	250	210	200	240	220	**270**	330
Total Organic Carbon (mg/L)	89	90	270	107	37.3	140	120	150	130	130	140	120	150	160	160	180	150	100
Total Phenols (mg/L)	**0.03**	**0.027**	**0.034**	**0.033**	**0.027**	**0.019**	<0.002	**0.02**	**0.02**	**0.024**	**0.021**	**0.02**	**0.019**	**0.024**	**0.021**	**0.017**	<0.002	**0.014**
Part 360 Metals																		
Boron (mg/L)		**2.7**				**3.4**	**3.4**			**2.3**	**2.8**	**3**	**3.1**	**3**	**3**			**3.2**
Cadmium (mg/L)	**0.0058**	**0.0061**	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium (mg/L)	133	120	172	117	110	93	110	110	110	100	120	100	110	110	110	120	100	100
Iron (mg/L)	**57.2**	**54.9**	**58.4**	**57.1**	**51.6**	**52**	**59**	**59**	**58**	**56**	**65**	**54**	**55**	**50**	**57**	**54**	**52**	**50**
Lead (mg/L)	0.0096	0.0061	0.022	0.011	0.012	<0.01	<0.01	0.026	<0.01	<0.01	<0.01	0.018	<0.01	<0.01	<0.01	0.018	0.015	<0.01
Magnesium (mg/L)	**77.8**	**76.8**	**97.6**	**83.4**	**78**	**76**	**84**	**89**	**82**	**86**	**90**	**80**	**88**	**86**	**88**	**90**	**82**	**83**
Manganese (mg/L)	**0.447**	**0.356**	**0.73**	**0.39**	**0.39**	0.28	**0.36**	**0.37**	**0.35**	**0.35**	**0.45**	**0.4**	**0.4**	**0.36**	**0.45**	**0.46**	**0.35**	**0.36**
Potassium (mg/L)	167	190	190	160	180	260	260	300	190	210	200	220	210	220	220	210	250	320
Sodium (mg/L)	**246**	**285**	**310**	**240**	**280**	**350**	**340**	**480**	**340**	**450**	**400**	**280**	**440**	**430**	**410**	**430**	**340**	**360**
Part 360 Additional Baseline Metals																		
Aluminum (mg/L)		0.854					2.1					1.8	0.7					0.74
Antimony (mg/L)		<0.015					**0.031**					<0.01	<0.01					0.01
Arsenic (mg/L)		<0.01					<0.01					0.013	0.02					**0.041**
Barium (mg/L)		0.351					0.4					0.4	0.35					0.46
Beryllium (mg/L)		<0.003					<0.01					<0.01	<0.01					<0.01
Chromium (mg/L)		<0.005					0.019					0.012	<0.01					0.015
Chromium, Hexavalent (mg/L)		<0.01					<0.01					<0.01	<0.01					<0.01
Cobalt (mg/L)		<0.02					0.014					0.012	<0.01					0.012
Copper (mg/L)		<0.01					0.014					<0.01	<0.01					<0.01
Mercury (mg/L)		<0.0002					<0.0002					0.0003	0.005					<0.0002
Nickel (mg/L)		<0.03					0.039					0.031	0.024					0.036
Selenium (mg/L)		<0.005					<0.01					<0.01	<0.01					<0.01
Silver (mg/L)		<0.01					<0.01					<0.01	<0.01					<0.01
Thallium (mg/L)		<0.01					<0.01					<0.1	<0.01					**0.014**
Vanadium (mg/L)		<0.3					0.02					0.02	0.012					0.023
Zinc (mg/L)		0.0388					0.13					0.071	0.022					0.046
Part 360 Volatile Organics																		
1,1,1,2-Tetrachloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0					<5
1,1,1-Trichloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5
1,1,2,2-Tetrachloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5
1,1,2-Trichloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5

City of Rome
Tannery Road Landfill
Leachate Well LMW-12
Analytical Data

Parameter	3/1/99	6/1/99	9/1/99	12/1/99	3/1/00	6/1/00	9/1/00	12/1/00	3/1/01	6/1/01	9/1/01	12/1/01	3/28/02	6/17/02	9/24/02	12/18/02	3/12/03	6/25/03
1,1-Dichloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5
1,1-Dichloroethene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5
1,2,3-Trichloropropane (µg/L)							<5.0					<5.0	<5.0					<5
1,2-Dibromo-3-chloropropane (µg/L)		<10.0					<5.0					<5.0	<5.0					<5
1,2-Dibromoethane (EDB) (µg/L)		<5.0					<5.0					<5.0	<5.0					<5
1,2-Dichlorobenzene (µg/L)		<5.0					<5.0					<5.0	<5.0					<5
1,2-Dichloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5
1,2-Dichloropropane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5
1,3-Dichlorobenzene (µg/L)		<5.0																
1,4-Dichloro-2-butene (µg/L)		<10.0																
1,4-Dichlorobenzene (µg/L)		1					<5.0					<5.0	<5.0					<5
2-Butanone (MEK) (µg/L)		<10.0					<10.0					<10.0	<10.0				<10	<10
2-Hexanone (µg/L)		<10.0					<10.0					<10.0	<10.0				<10	<10
4-Methyl 2-pentanone (µg/L)		<10.0					<10.0					<10.0	<10.0				<10	<10
Acetone (µg/L)		<10.0					15					<10.0	16				11	13
Acrylonitrile (µg/L)		<100.0					<20.0					<20.0	<20.0					<20
Benzene (µg/L)		**10**					**43**					**33**	**35**				**40**	**34**
Bromochloromethane (µg/L)		<5.0					<5.0					<5.0	<5.0					<5
Bromodichloromethane (µg/L)		<5.0										<5.0	<5.0				<5	<5
Bromoform (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5
Bromomethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5
Carbon disulfide (µg/L)		<68					<5.0					<5.0	<5.0				<5	<5
Carbon tetrachloride (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5
Chlorobenzene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5
Chloroethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5
Chloroform (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5
Chloromethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5
cis-1,2-Dichloroethene (µg/L)		<5.0					<5.0					<5.0	<5.0					<5
cis-1,3-Dichloropropene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5
Dibromochloromethane (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5
Dibromomethane (µg/L)		<5.0					<5.0					<5.0	<5.0					<5
Ethyl benzene (µg/L)		2					<5.0					<5.0	<5.0				<5	<5
Iodomethane (µg/L)		<5.0					<20.0					<20.0	<10.0					<10
Methylene Chloride (µg/L)		<5.0					<10.0					<10.0	<10.0				<10	<10
Styrene (µg/L)							<5.0					<5.0	<5.0				<5	<5
Tetrachloroethene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5
Toluene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5
trans-1,2-Dichloroethene (µg/L)		<5.0					<5.0					<5.0	<5.0					<5
trans-1,3-Dichloropropene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5
trans-1,4-Dichloro-2-butene (µg/L)							<50.0					<50.0	<10.0					<10
Trichloroethene (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5
Trichlorofluoromethane (µg/L)		<5.0					<5.0					<5.0	<5.0					<5
Vinyl Acetate (µg/L)		<50.0					<20.0					<20.0	<20.0					<20
Vinyl Chloride (µg/L)		<5.0					<5.0					<5.0	<5.0				<5	<5
Xylenes (Total) (µg/L)		**15**					**41**					**26**	**17**				**11**	<5
1,2-Dichloroethene - Total																	<5	

Notes

1) < indicates not detected at or above the listed value
2) NS indicates that no standard has been promulgated.
3) * indicates that the sum of these two analytes may not exceed 500 µg/L.
4) GV indicates that the value listed is a guidance value rather than a standard.
5) Values in bold exceeded the applicable NYSDEC ground water standard/guidance value.
6) ** Indicates standard applies to the sum of the isomers

City of Rome
Tannery Road Landfill
Leachate Well LMW-12
Analytical Data

Parameter	9/17/03	12/16/03	3/23/04	6/22/04	9/28/04	12/16/04	3/22/05	NYSDEC Ground Water Standard
Field Parameters								
Conductivity (µmhos/cm)	4,550	4,600	4970	4,480	4,620	4,450	3,690	NS
pH (s.u.)	6.79	7.1	6.57	6.68	6.4	6.7	6.88	6.5 - 8.5
Temperature (deg C)	15.4	10	11.3	15.5	15.5	10	11.5	NS
Turbidity (NTU)	4	150	83	15	5	180	41	5
Part 360 Leachate Indicator Parameters								
Ammonia-Nitrogen (mg/L)	270	230	300	270	220	290	240	2
Biochemical Oxygen Demand (BOD5) (mg/L)	25	<20	29	31	35	41	17	NS
Bromide (mg/L)	5.2	4.8	5	5.1	4.8	4.8	4.4	2
Chemical Oxygen Demand (mg/L)	430	380	720	130	420	480	430	NS
Chloride (mg/L)	350	290	370	500	270	350	350	250
Color (Pt-Co)					1,400			15
Nitrate-Nitrogen (mg/L)	0.19	0.41	0.55	0.24	0.2	0.67	0.24	10
Sulfate (mg/L)	2.2	2.6	2	1.4	2.3	2.4	1.6	250
Total Alkalinity (mg/L)	1,700	1,700	1800	1,900	1,700	1,700	1,800	NS
Total Cyanide (mg/L)					<0.01			0.2
Total Dissolved Solids (mg/L)	1,800	1,800	1800	1,700	1,700	1,600	1,800	500
Total Hardness (mg/L)	720	540	460	470	450	380	430	NS
Total Kjeldahl Nitrogen (mg/L)	270	280	270	270	230	260	220	NS
Total Organic Carbon (mg/L)	150	160	140	130	140	150	160	NS
Total Phenols (mg/L)	0.014	0.018	0.022	0.022	0.019	0.017	0.013	0.001
Part 360 Metals								
Boron (mg/L)	4	3	3		2.8			1
Cadmium (mg/L)	<0.01	<0.01	<0.010	<0.01	<0.01	<0.01	<0.010	0.005
Calcium (mg/L)	130	97	77	80	76	68	72	NS
Iron (mg/L)	67	47	44	44	42	36	45	0.3*
Lead (mg/L)	0.018	0.011	0.015	<0.01	<0.01	<0.01	<0.010	0.025
Magnesium (mg/L)	98	73	64	66	63	51	62	35 (GV)
Manganese (mg/L)	0.47	0.35	0.29	0.28	0.28	0.23	0.29	0.3*
Potassium (mg/L)	280	260	270	250	400	230	200	NS
Sodium (mg/L)	490	300	330	320	320	360	350	20
Part 360 Additional Baseline Metals								
Aluminum (mg/L)					0.45			NS
Antimony (mg/L)					0.014			0.003
Arsenic (mg/L)					0.026			0.025
Barium (mg/L)					0.22			1
Beryllium (mg/L)					<0.01			0.003 (GV)
Chromium (mg/L)					<0.01			0.05
Chromium, Hexavalent (mg/L)					<0.01			0.05
Cobalt (mg/L)					<0.01			NS
Copper (mg/L)					<0.01			0.2
Mercury (mg/L)					<0.0002			0.0007
Nickel (mg/L)					0.024			0.1
Selenium (mg/L)					<0.01			0.01
Silver (mg/L)					<0.01			0.05
Thallium (mg/L)					<0.01			0.0005 (GV)
Vanadium (mg/L)					0.026			NS
Zinc (mg/L)					0.026			2
Part 360 Volatile Organics								
1,1,1,2-Tetrachloroethane (µg/L)					<1			5
1,1,1-Trichloroethane (µg/L)					<1			5
1,1,2,2-Tetrachloroethane (µg/L)					<1			5
1,1,2-Trichloroethane (µg/L)					<1			1

City of Rome
Tannery Road Landfill
Leachate Well LMW-12
Analytical Data

Parameter	9/17/03	12/16/03	3/23/04	6/22/04	9/28/04	12/16/04	3/22/05	NYSDEC Ground Water Standard
1,1-Dichloroethane (µg/L)					<1			5
1,1-Dichloroethene (µg/L)					<1			5
1,2,3-Trichloropropane (µg/L)					<1			0.04
1,2-Dibromo-3-chloropropane (µg/L)					<1			0.04
1,2-Dibromoethane (EDB) (µg/L)					<1			5
1,2-Dichlorobenzene (µg/L)					<1			3
1,2-Dichloroethane (µg/L)					<1			0.6
1,2-Dichloropropane (µg/L)					<1			1
1,3-Dichlorobenzene (µg/L)								3
1,4-Dichloro-2-butene (µg/L)								5
1,4-Dichlorobenzene (µg/L)					<1			3
2-Butanone (MEK) (µg/L)					<10			50 (GV)
2-Hexanone (µg/L)					<10			50 (GV)
4-Methyl 2-pentanone (µg/L)					<10			NS
Acetone (µg/L)					<10			50 (GV)
Acrylonitrile (µg/L)					<5			5
Benzene (µg/L)					**16**			1
Bromochloromethane (µg/L)					<1			5
Bromodichloromethane (µg/L)					<1			50 (GV)
Bromoform (µg/L)					<1			50 (GV)
Bromomethane (µg/L)					<1			5
Carbon disulfide (µg/L)					<1			60 (GV)
Carbon tetrachloride (µg/L)					<1			5
Chlorobenzene (µg/L)					1.6			5
Chloroethane (µg/L)					<1			5
Chloroform (µg/L)					<1			7
Chloromethane (µg/L)					<1			5
cis-1,2-Dichloroethene (µg/L)					<1			5
cis-1,3-Dichloropropene (µg/L)					<1			0.4**
Dibromochloromethane (µg/L)					<1			50 (GV)
Dibromomethane (µg/L)					<1			5
Ethyl benzene (µg/L)					<1			5
Iodomethane (µg/L)					<10			5
Methylene Chloride (µg/L)					<10			5
Styrene (µg/L)					<1			5
Tetrachloroethene (µg/L)					<1			5
Toluene (µg/L)					<1			5
trans-1,2-Dichloroethene (µg/L)					<1			5
trans-1,3-Dichloropropene (µg/L)					<1			0.4**
trans-1,4-Dichloro-2-butene (µg/L)					<10			5
Trichloroethene (µg/L)					<1			5
Trichlorofluoromethane (µg/L)					<1			5
Vinyl Acetate (µg/L)					<5			NS
Vinyl Chloride (µg/L)					<1			2
Xylenes (Total) (µg/L)					2			5
1,2-Dichloroethene - Total								

Notes

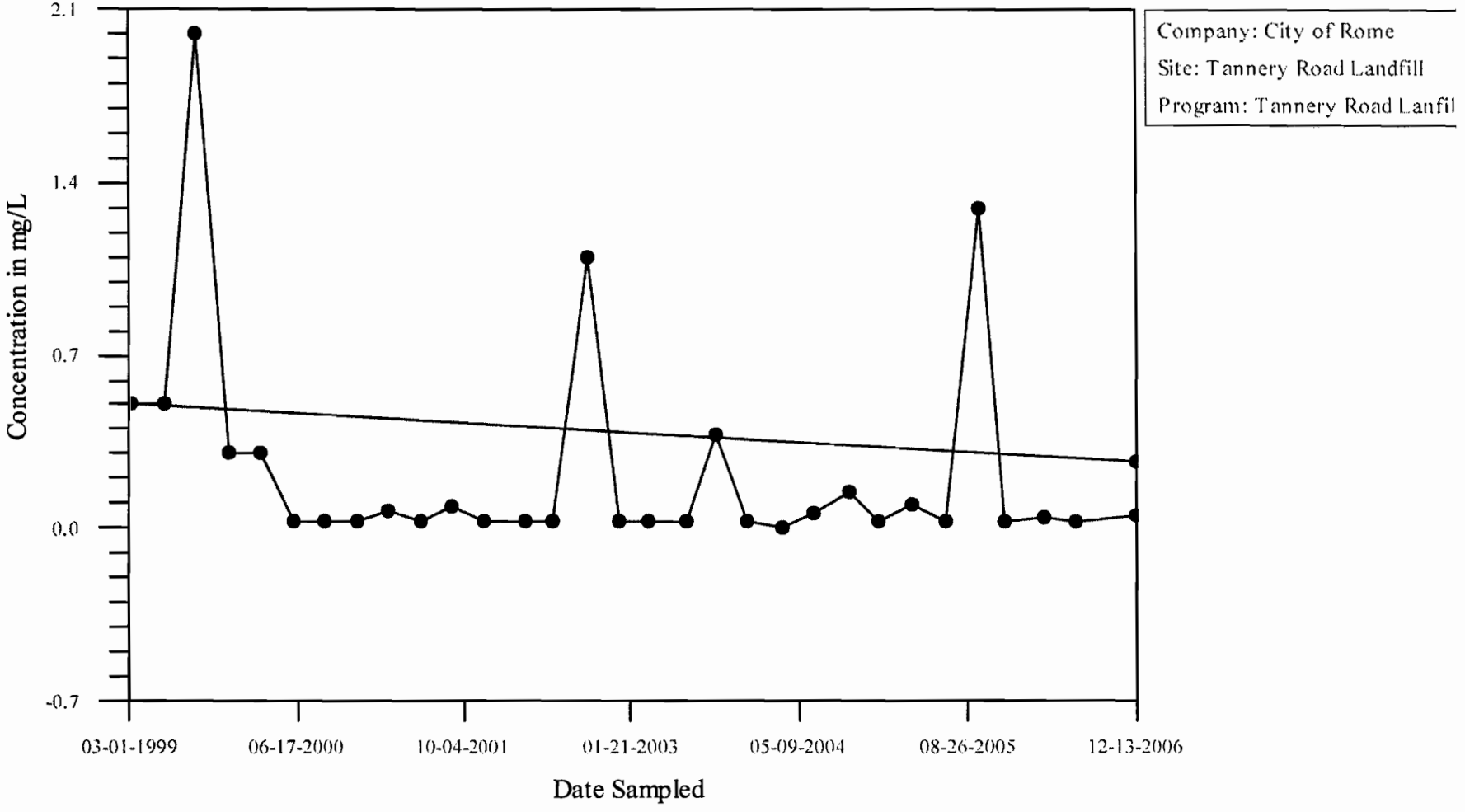
APPENDIX B

MONITORING WELL AND LEACHATE WELL

TIME SERIES CONCENTRATION GRAPHS

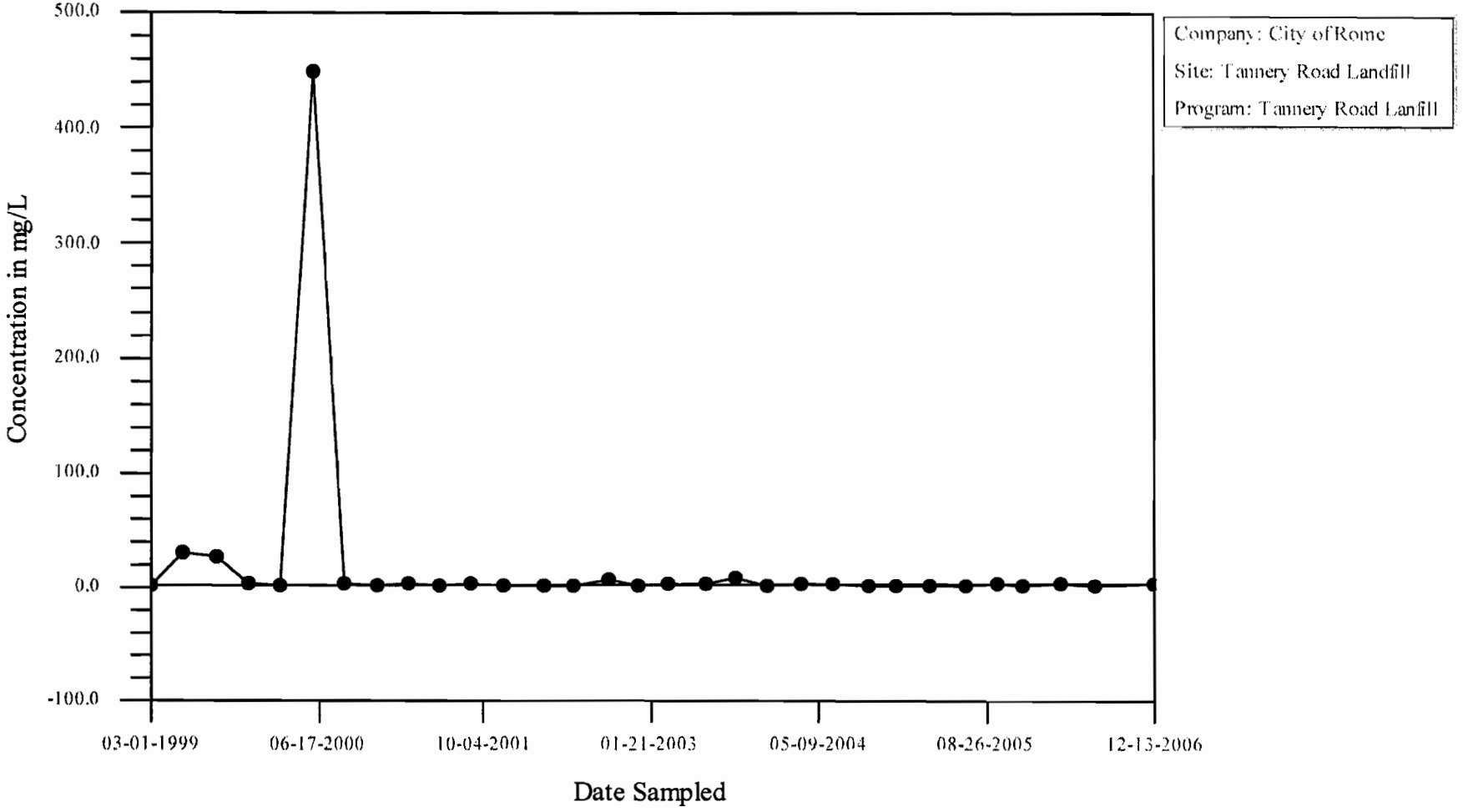
Time-Series Plot

Ammonia-Nitrogen, MW-1S



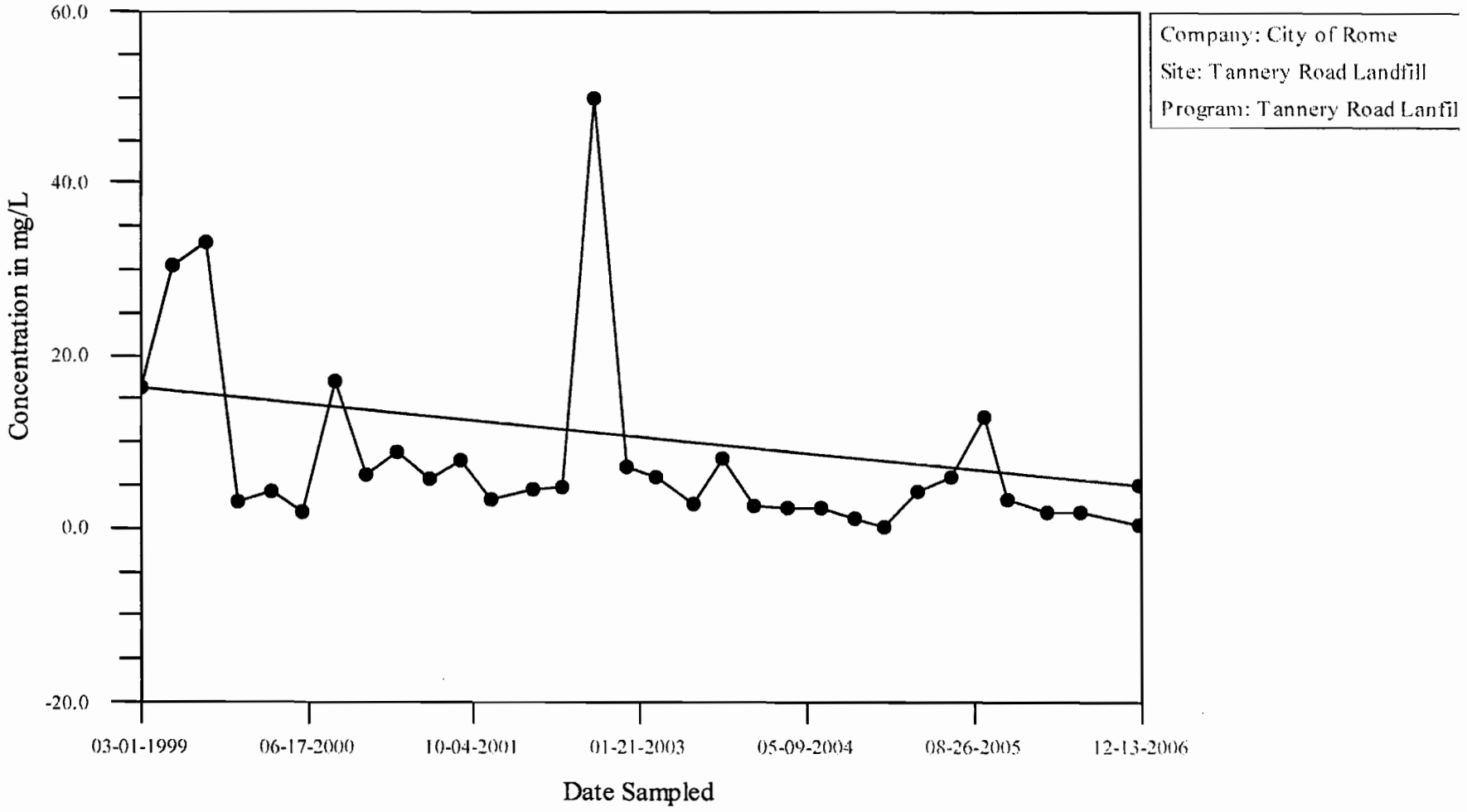
Time-Series Plot

Chloride, MW-1S



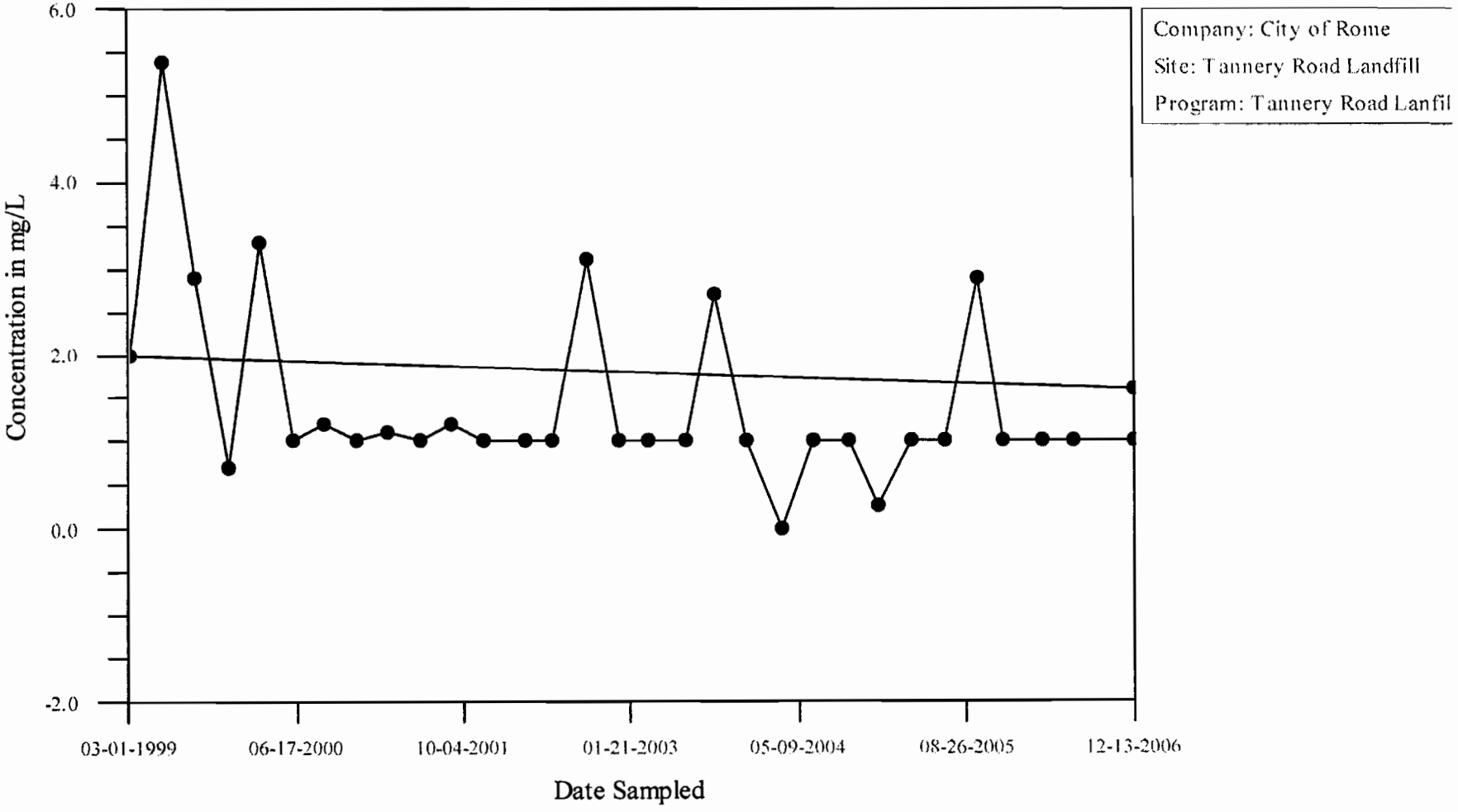
Time-Series Plot

Iron, MW-1S



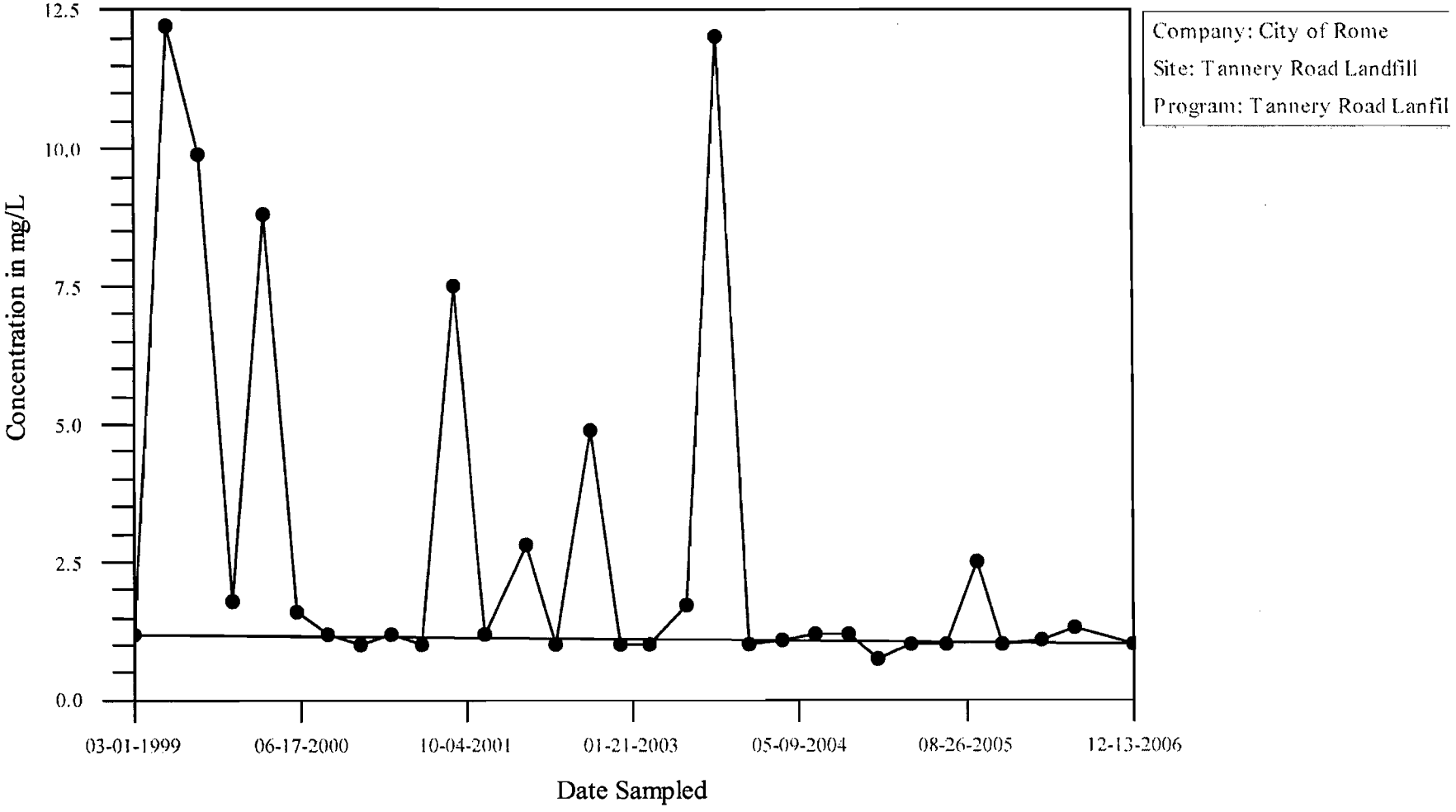
Time-Series Plot

Potassium, MW-1S



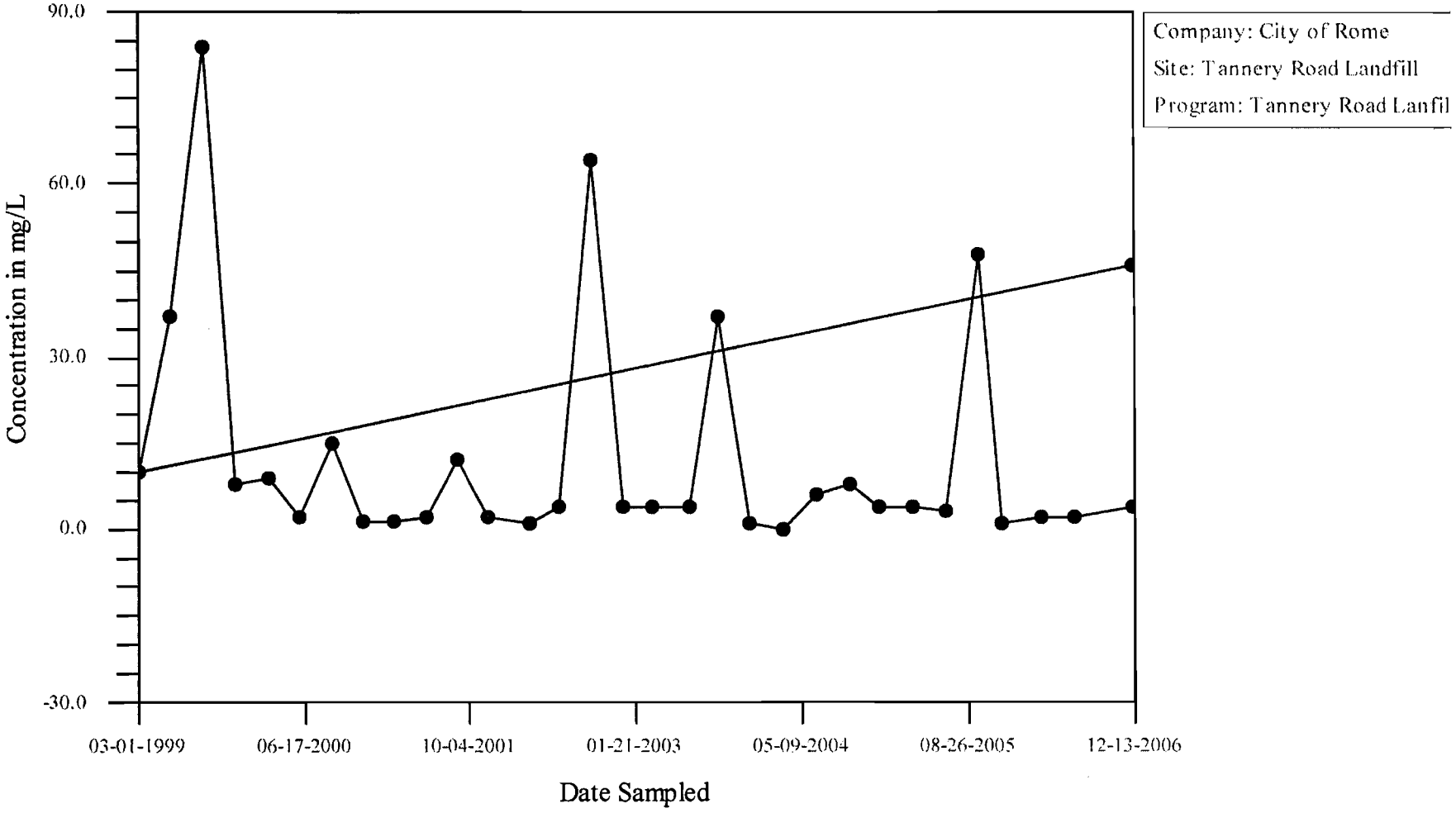
Time-Series Plot

Sodium, MW-1S



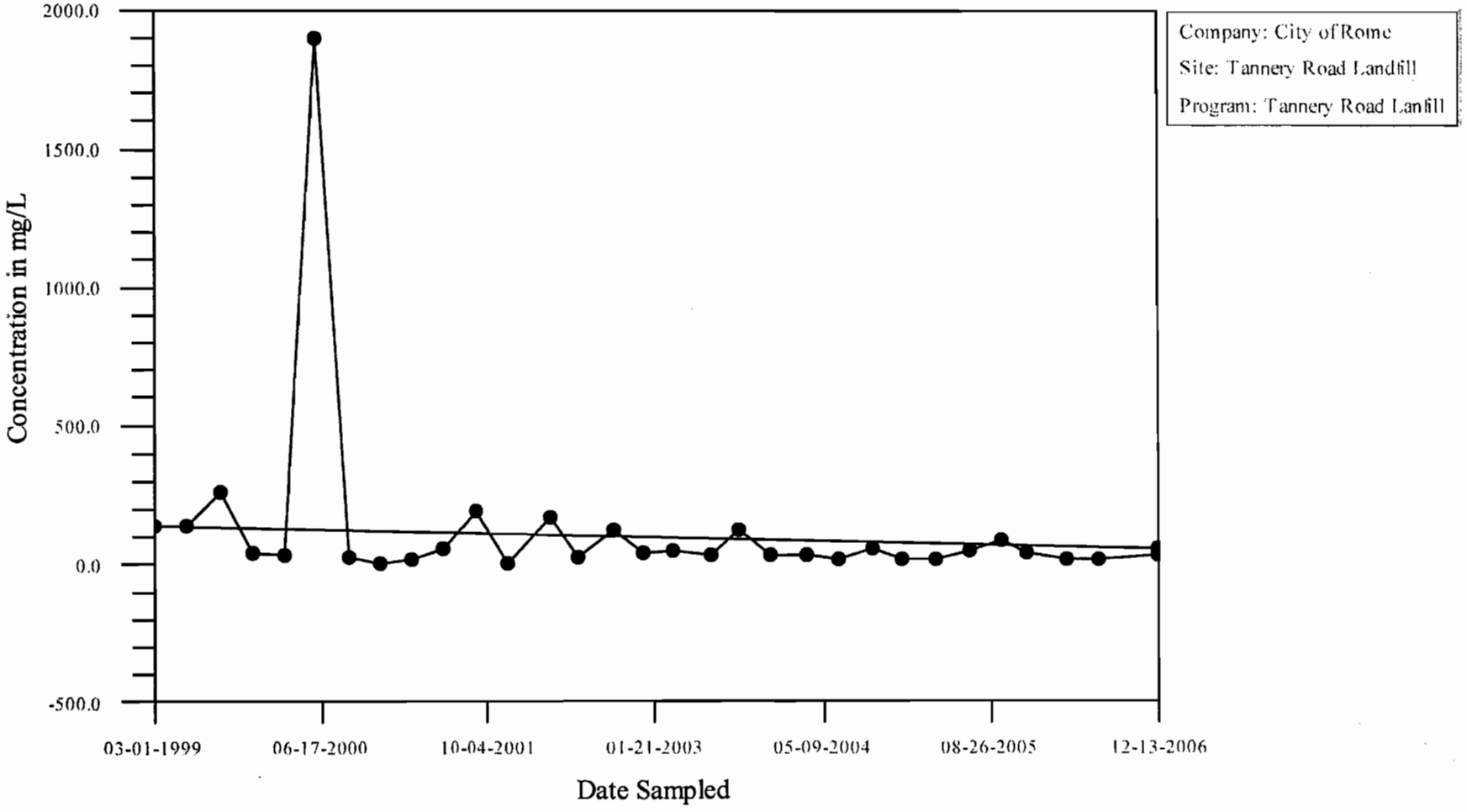
Time-Series Plot

Total Alkalinity, MW-1S



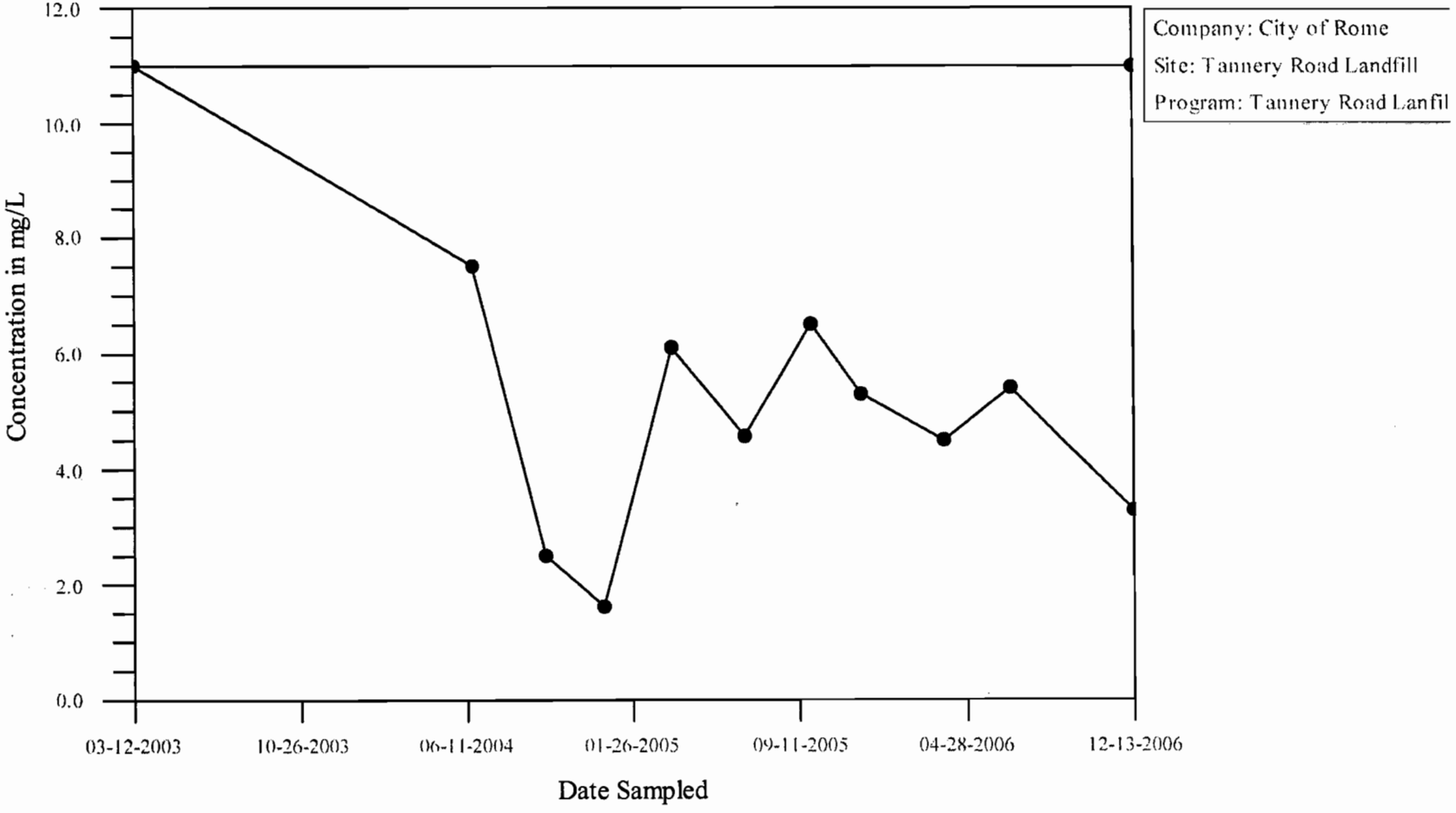
Time-Series Plot

Total Dissolved Solids, MW-1S



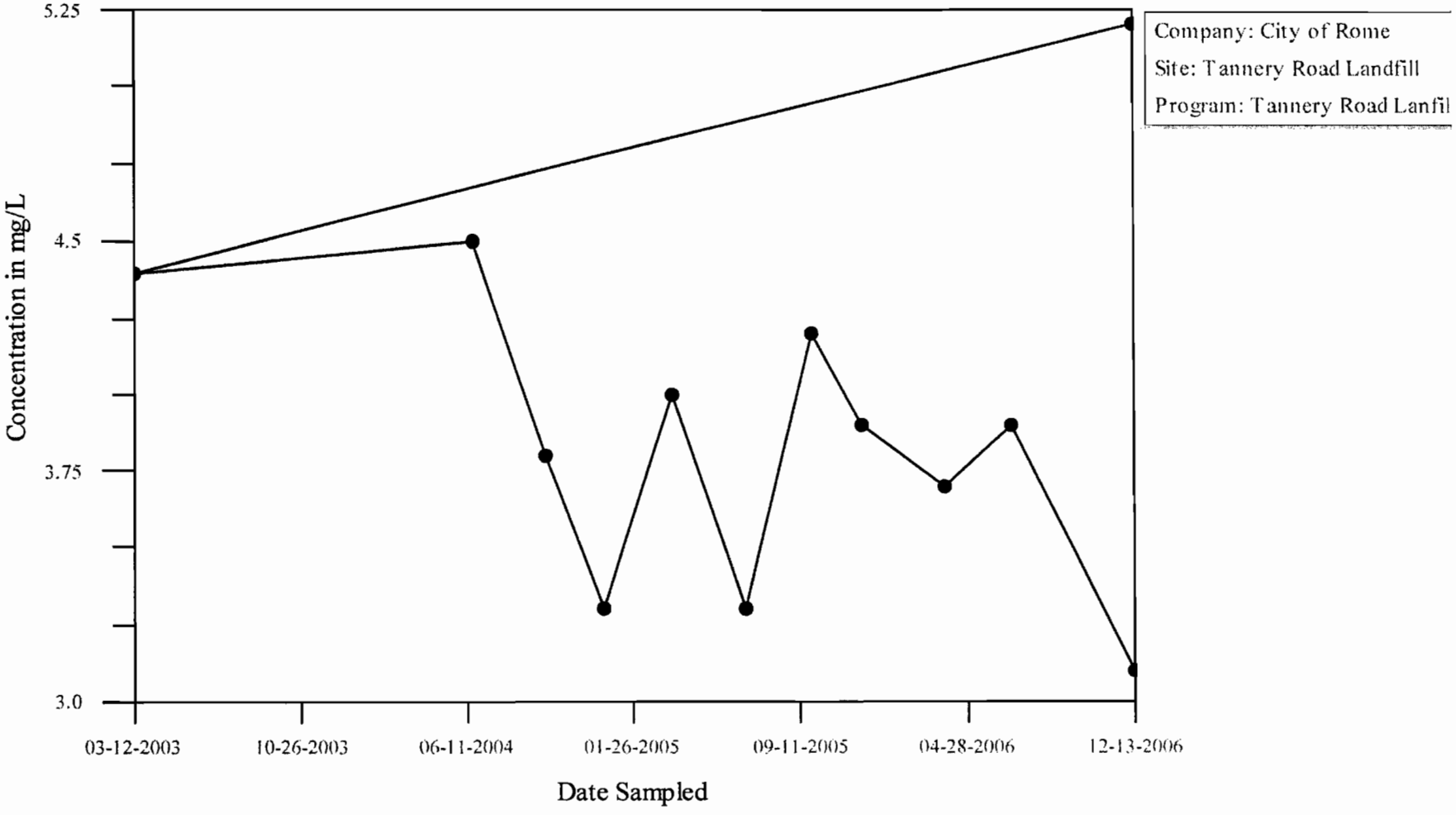
Time-Series Plot

Ammonia-Nitrogen, MW-2D



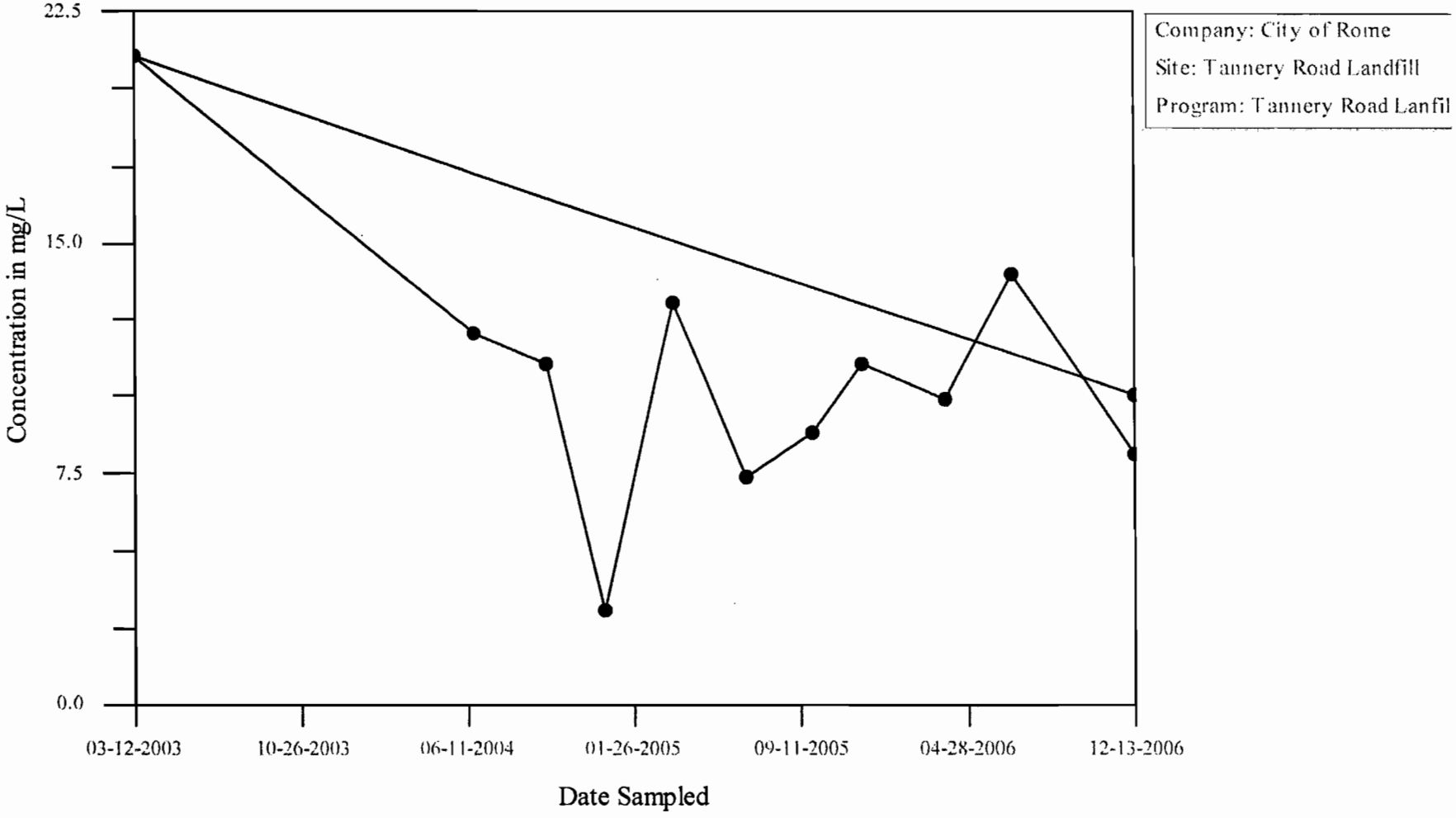
Time-Series Plot

Chloride, MW-2D



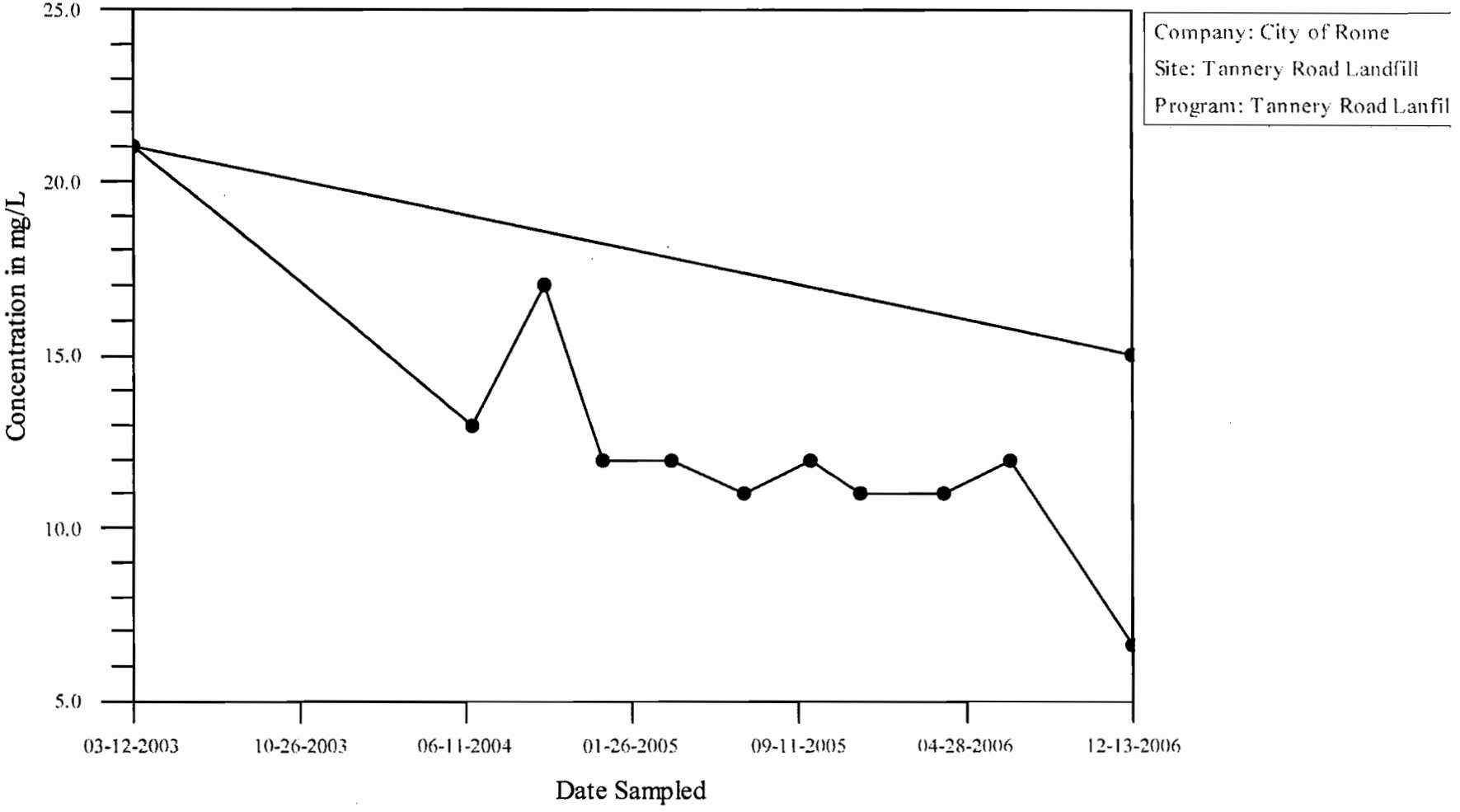
Time-Series Plot

Iron, MW-2D



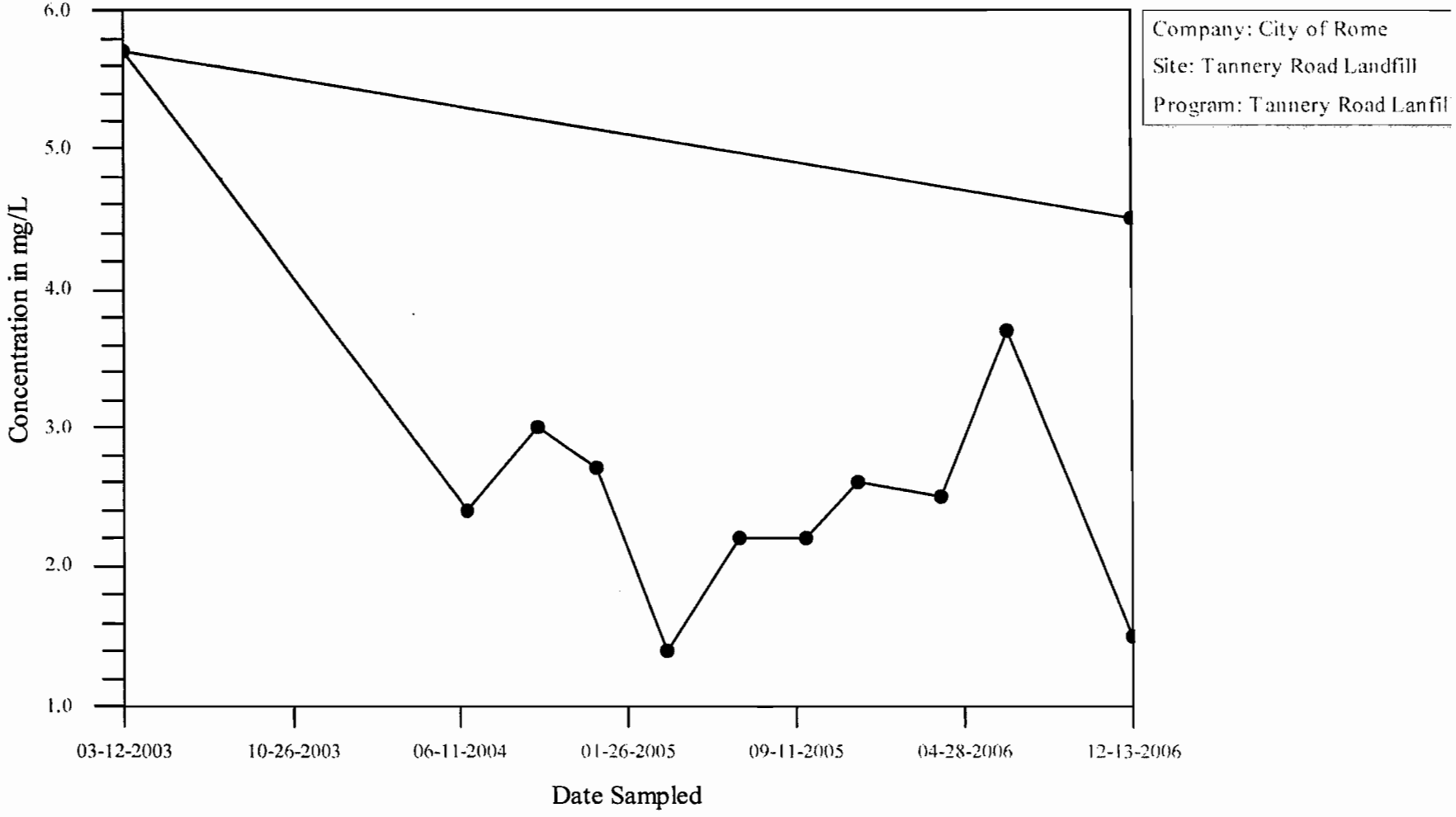
Time-Series Plot

Potassium, MW-2D



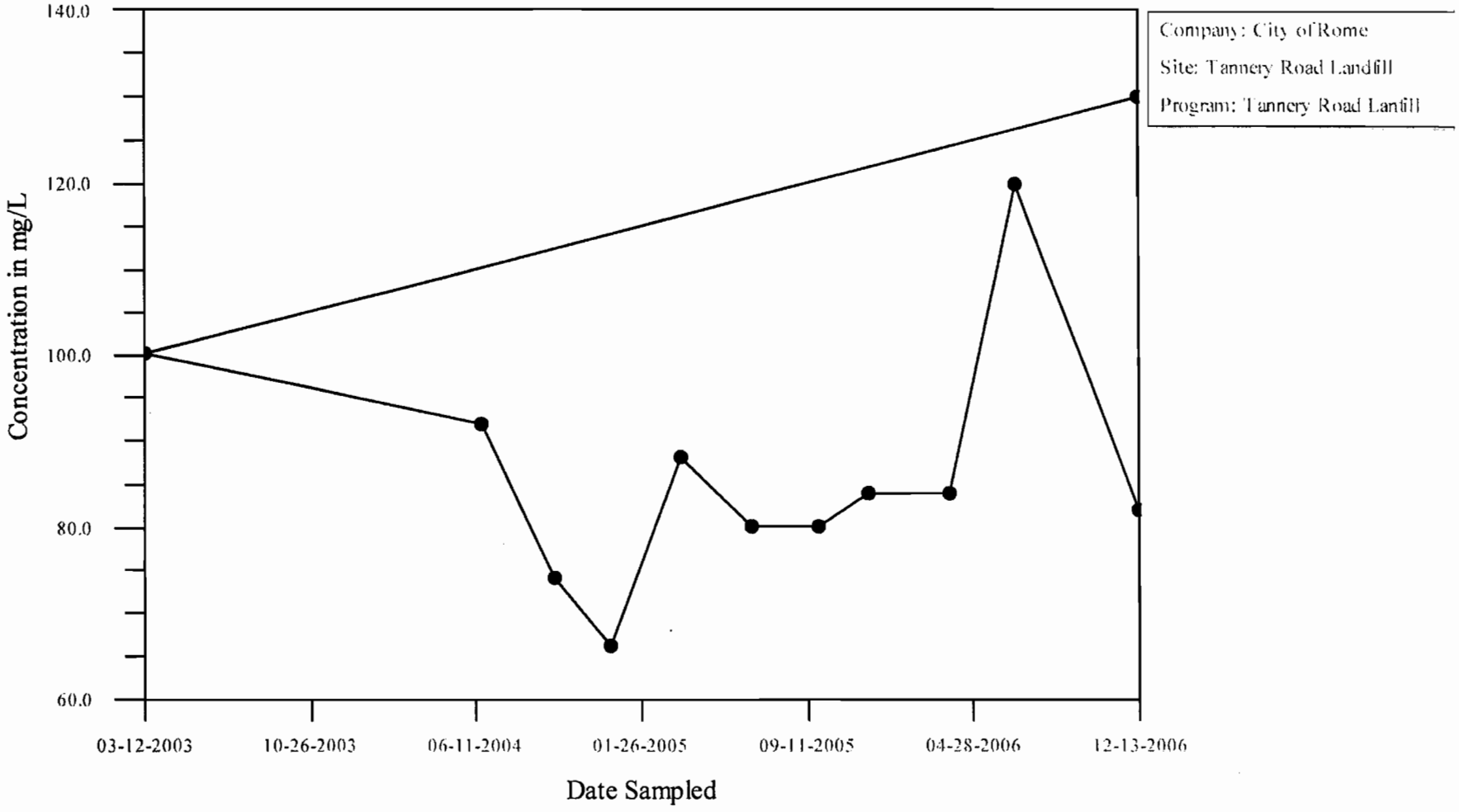
Time-Series Plot

Sodium, MW-2D



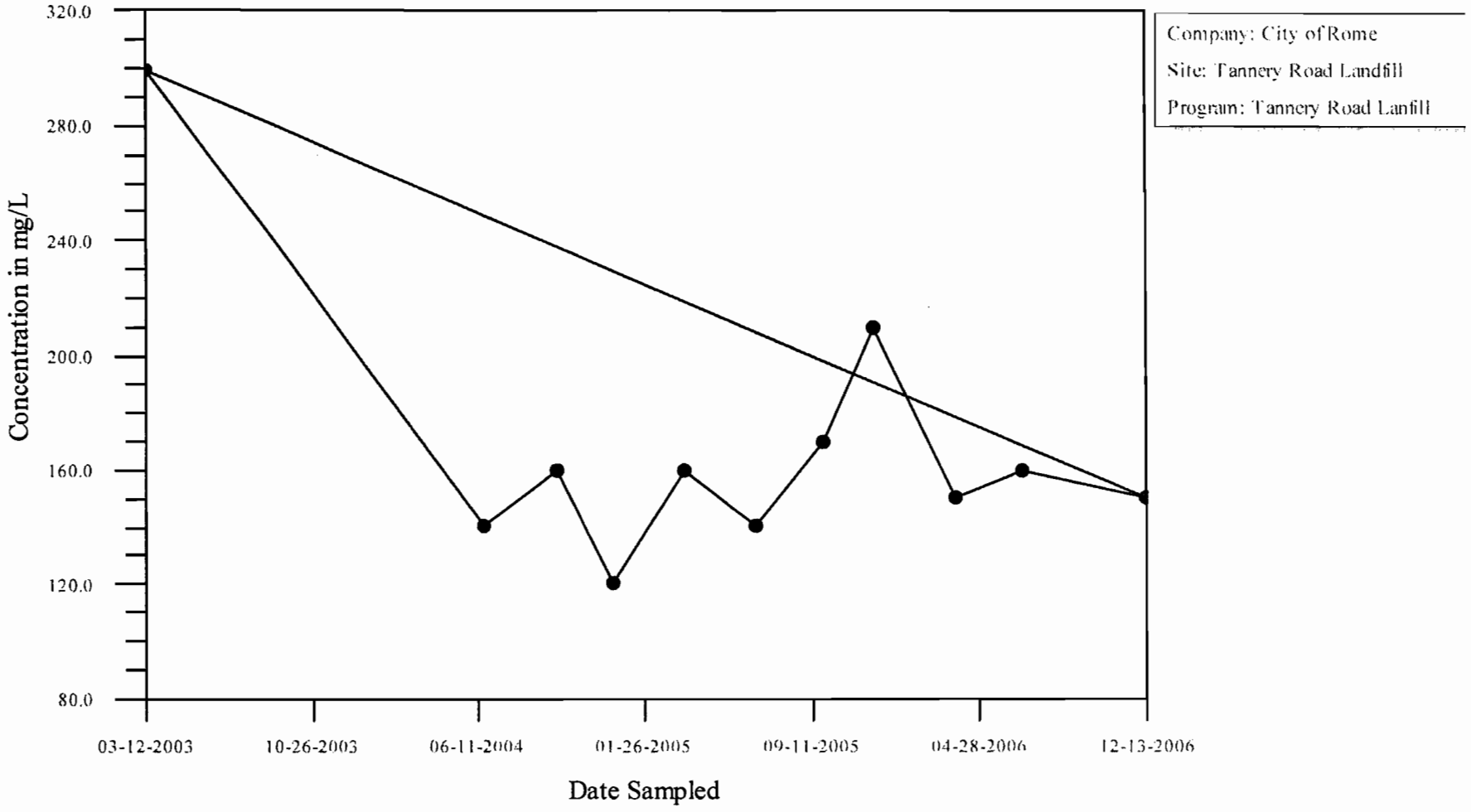
Time-Series Plot

Total Alkalinity, MW-2D



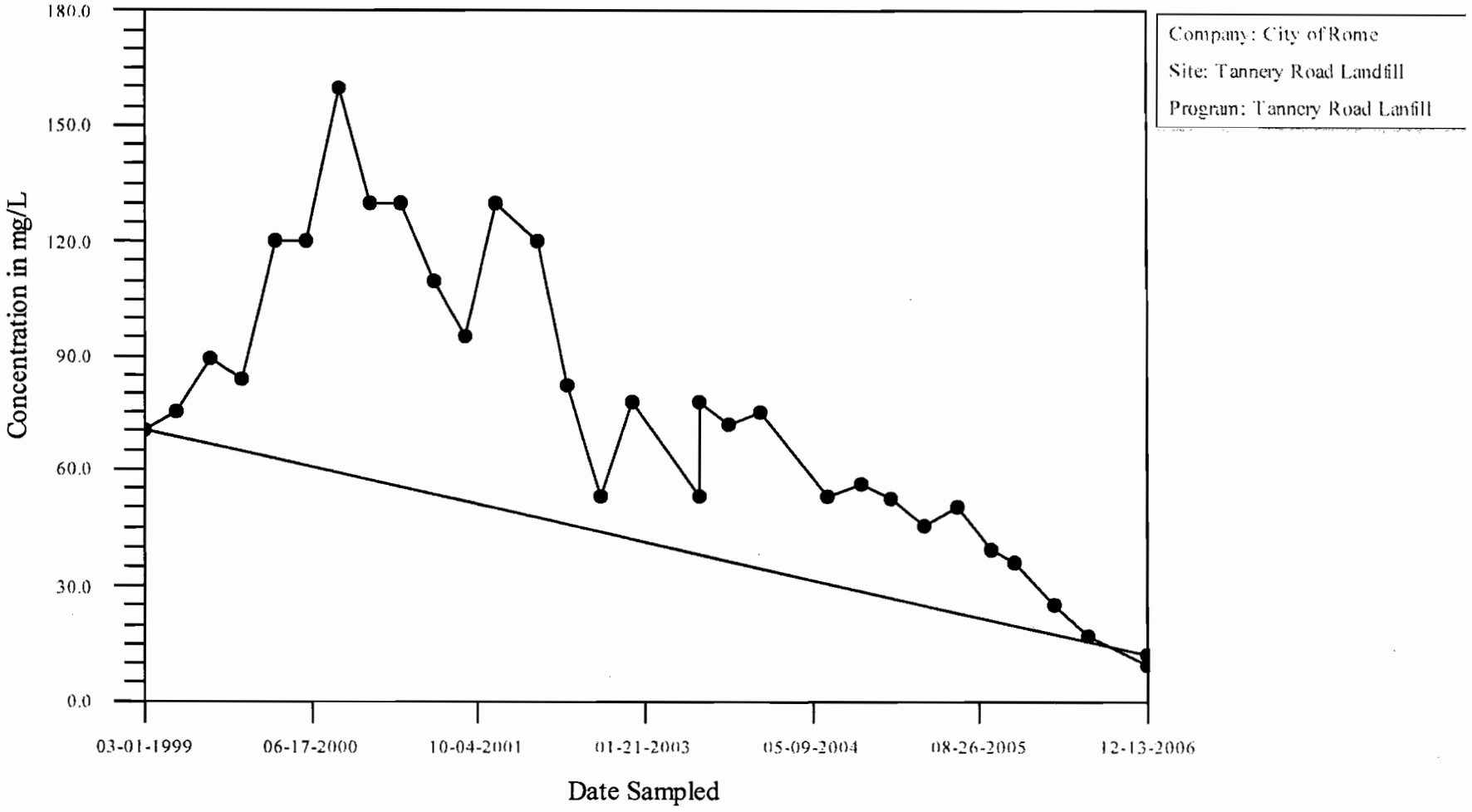
Time-Series Plot

Total Dissolved Solids, MW-2D



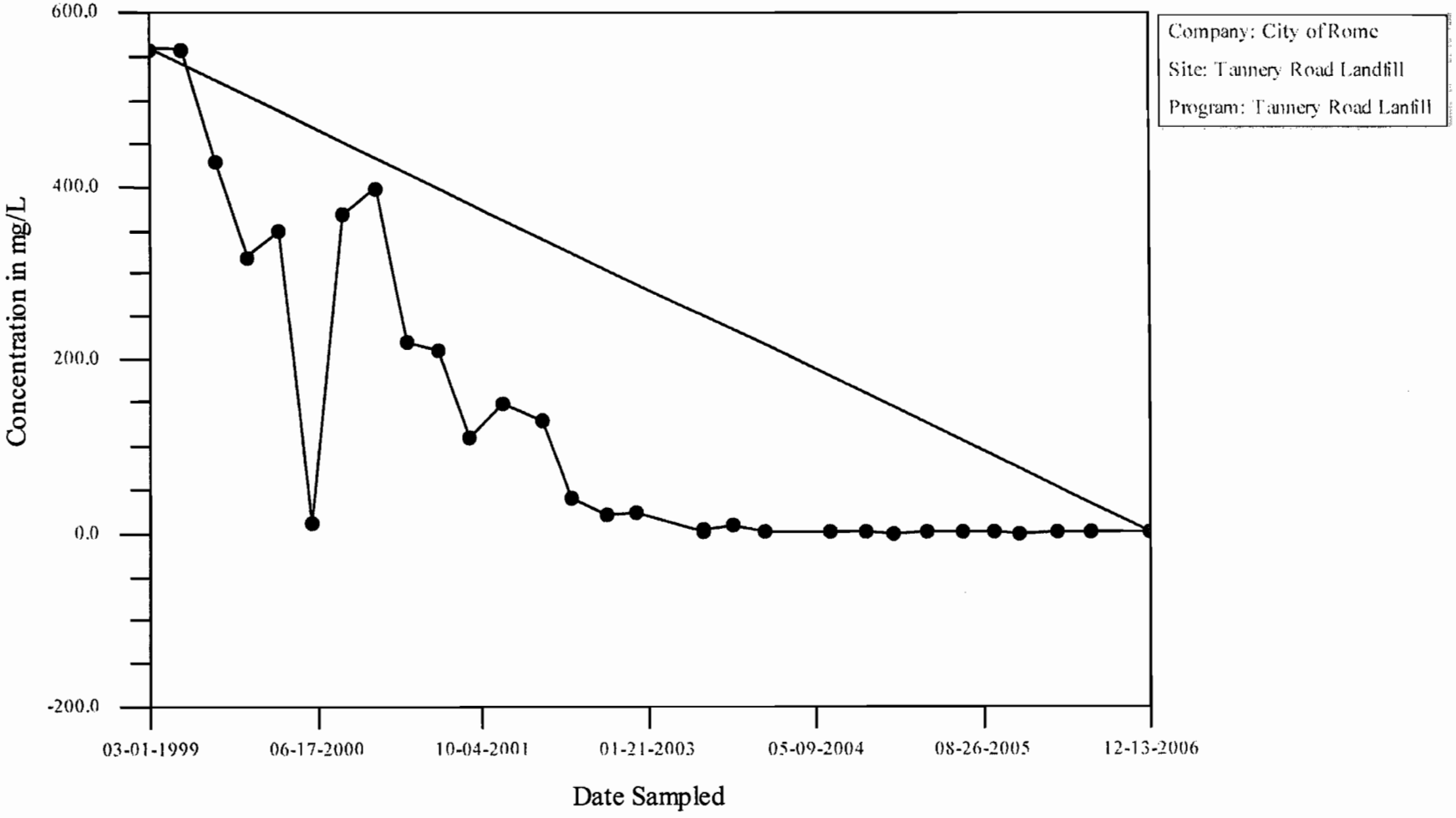
Time-Series Plot

Ammonia-Nitrogen, MW-3S



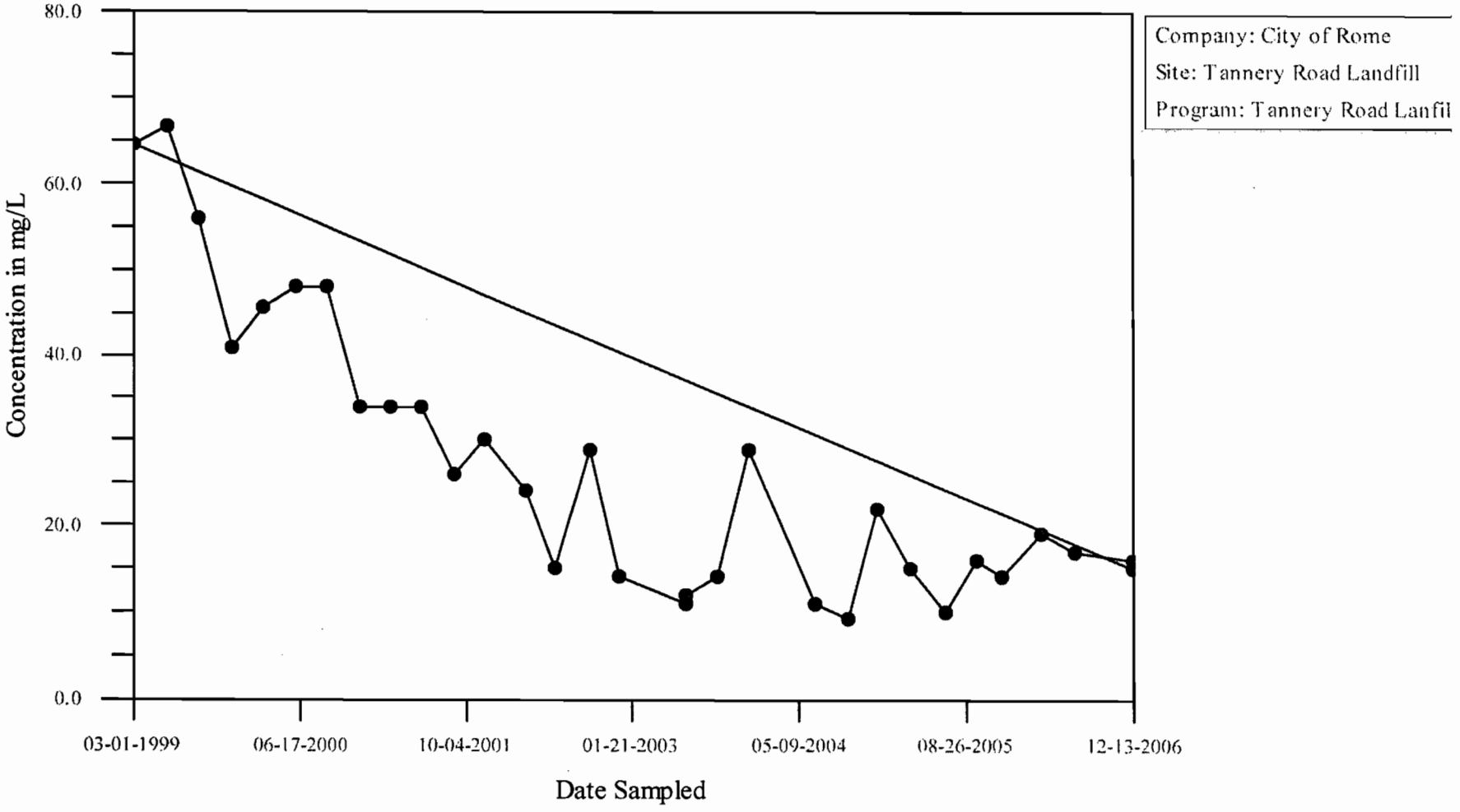
Time-Series Plot

Chloride, MW-3S



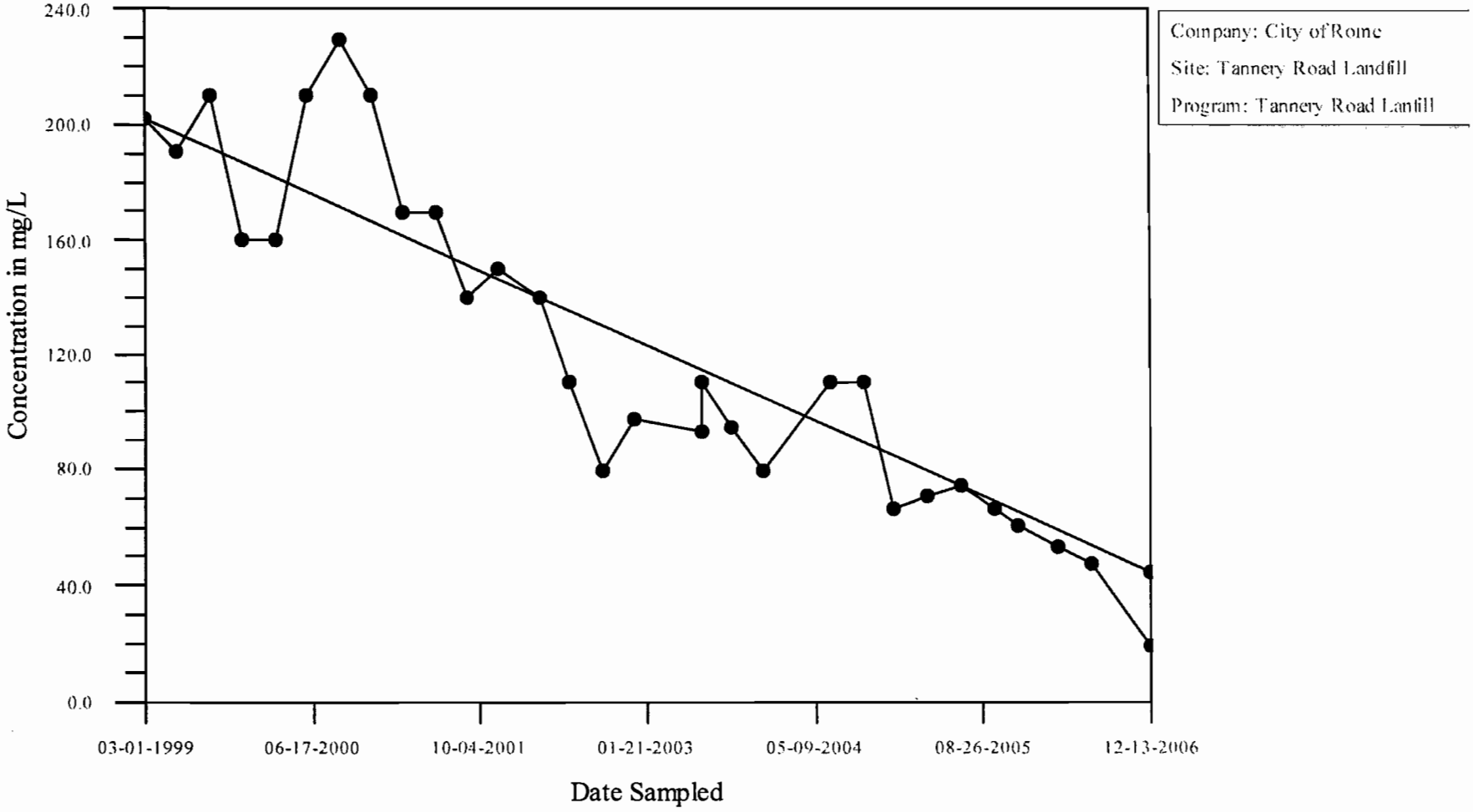
Time-Series Plot

Iron, MW-3S



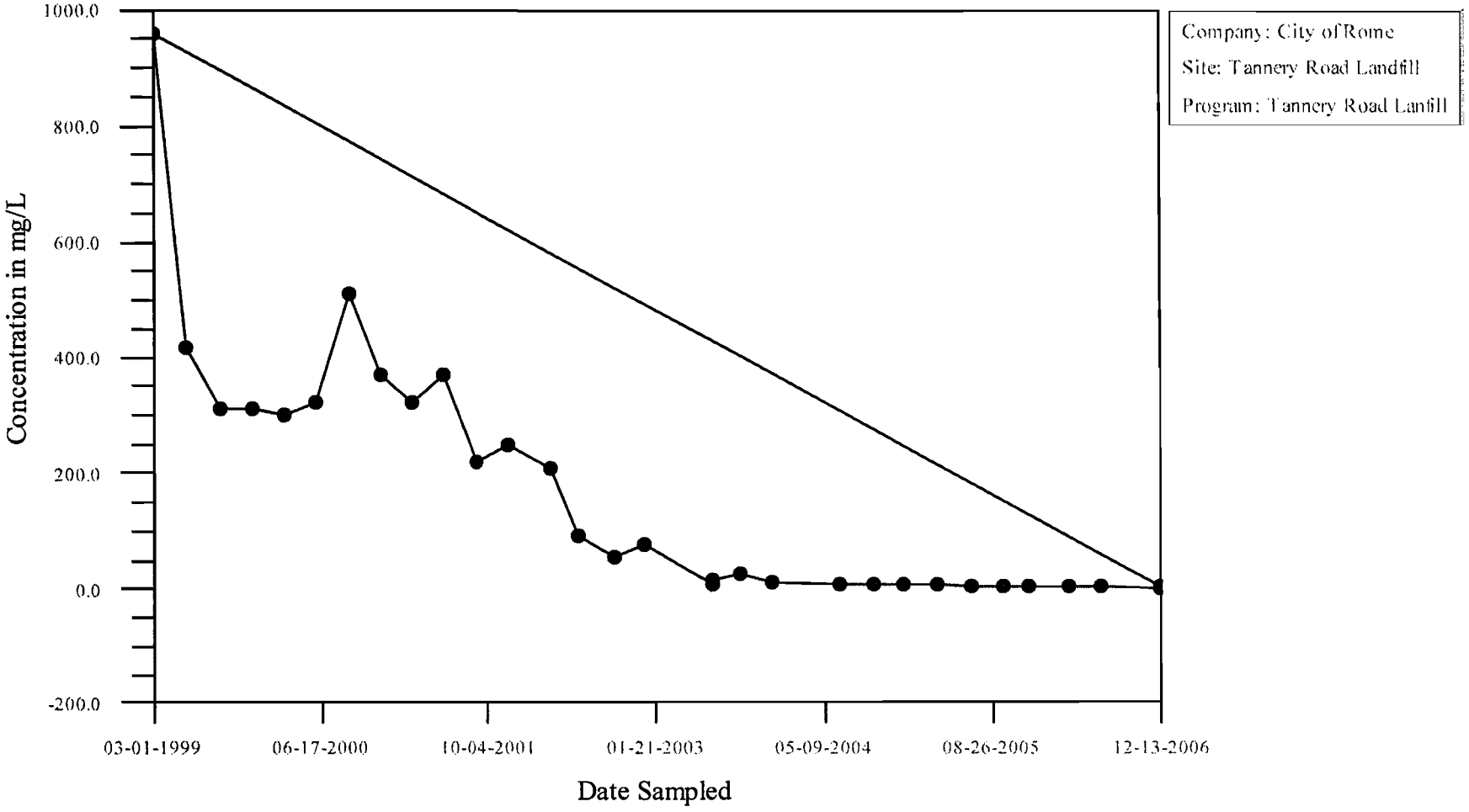
Time-Series Plot

Potassium, MW-3S



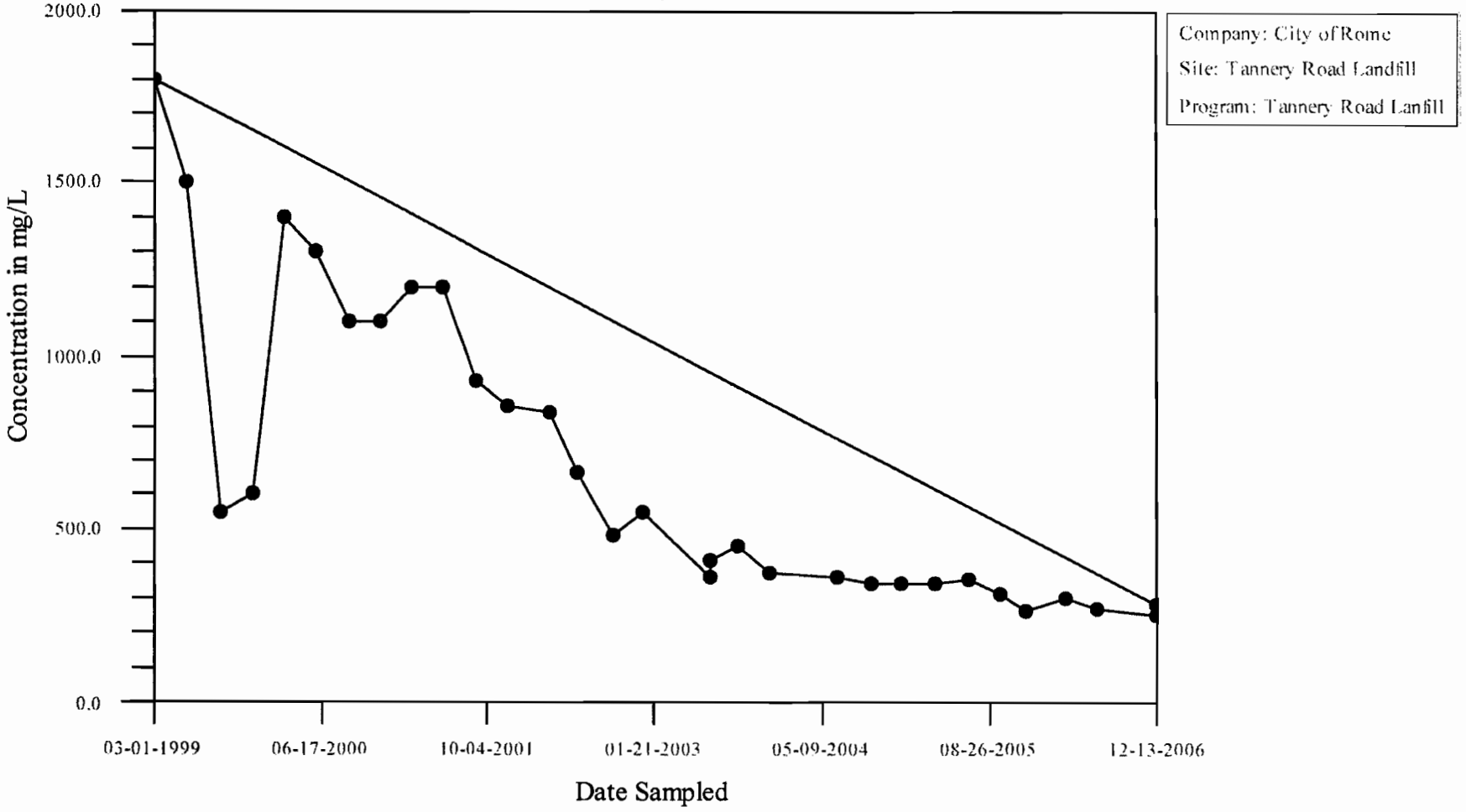
Time-Series Plot

Sodium, MW-3S



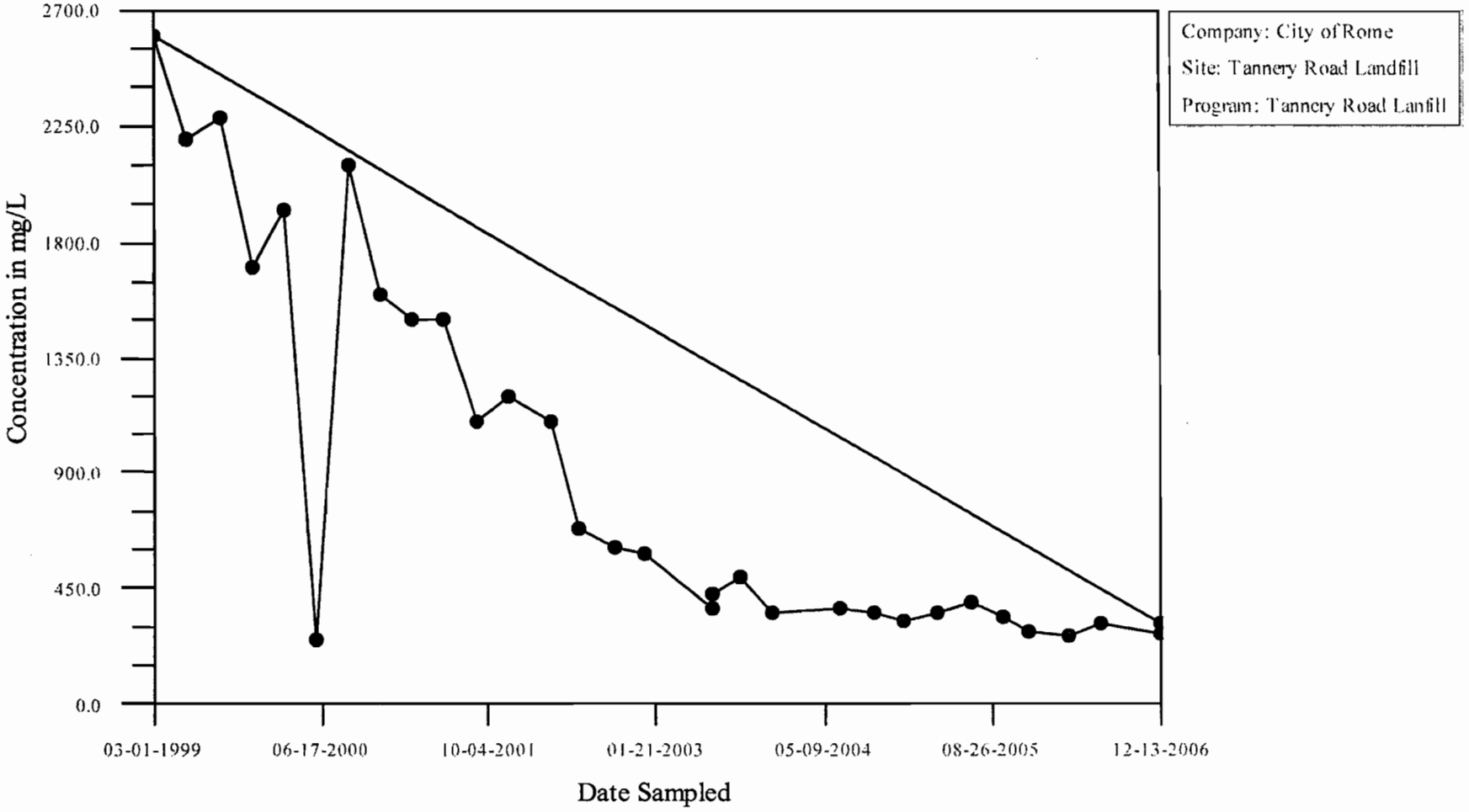
Time-Series Plot

Total Alkalinity, MW-3S



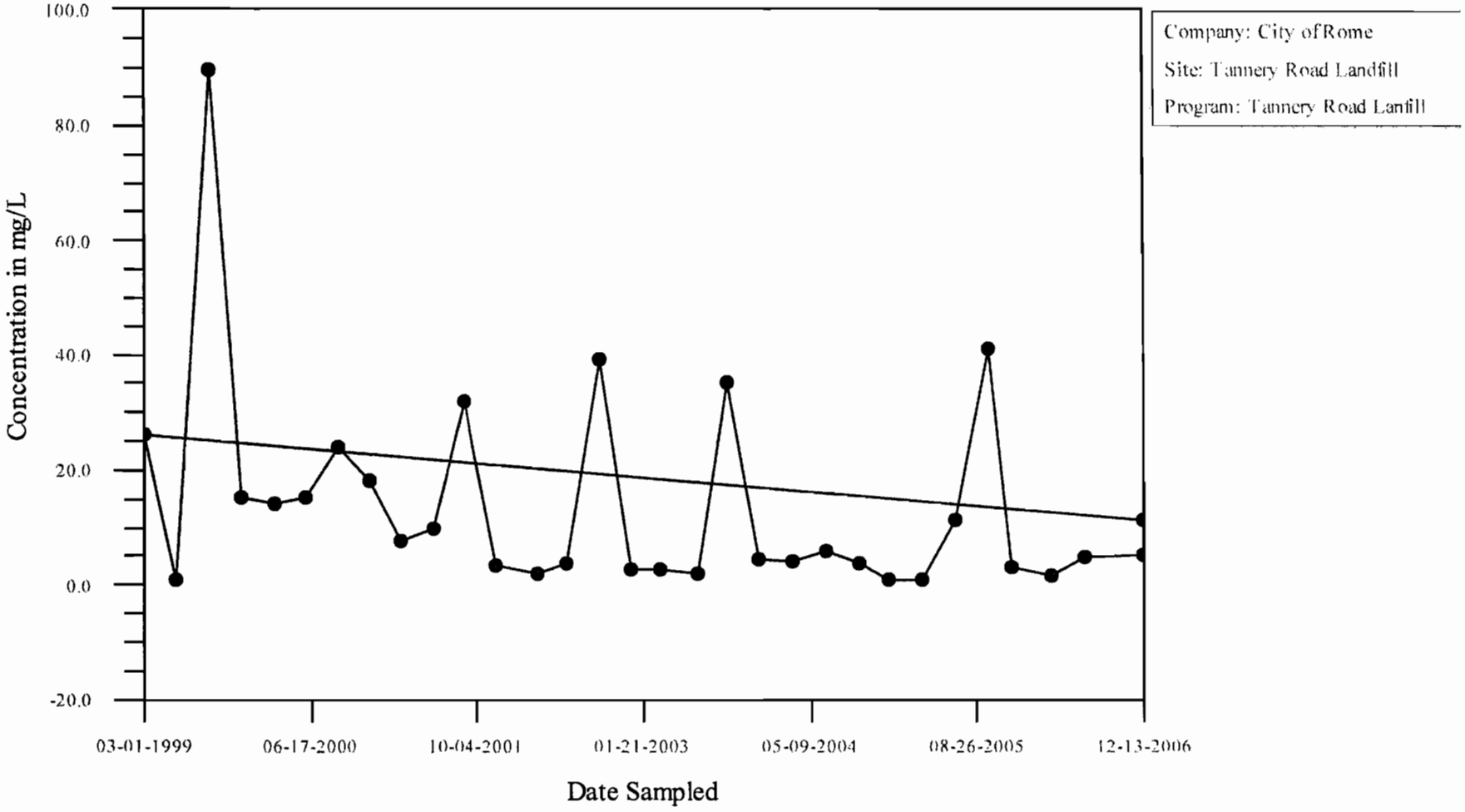
Time-Series Plot

Total Dissolved Solids, MW-3S



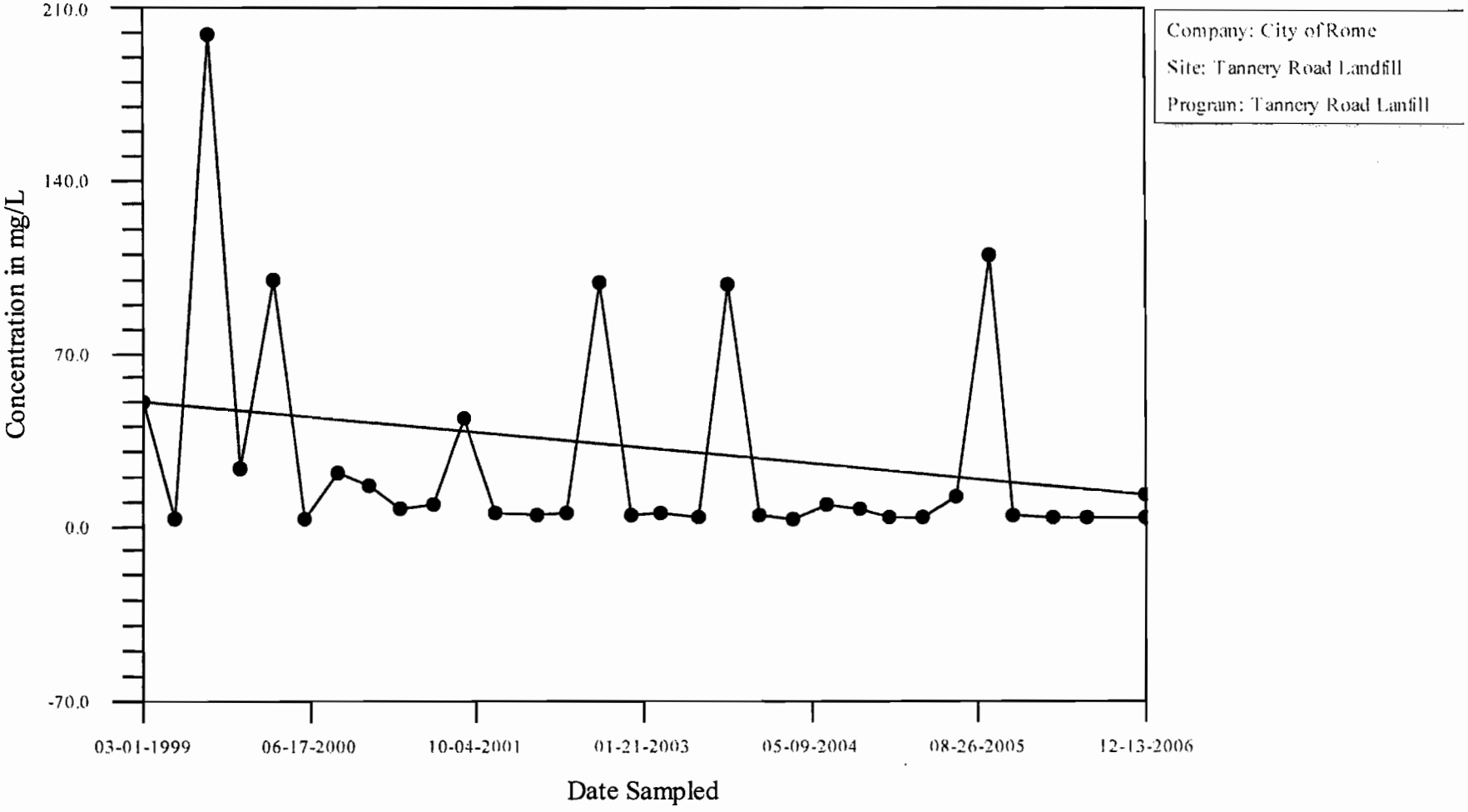
Time-Series Plot

Ammonia-Nitrogen, MW-4S



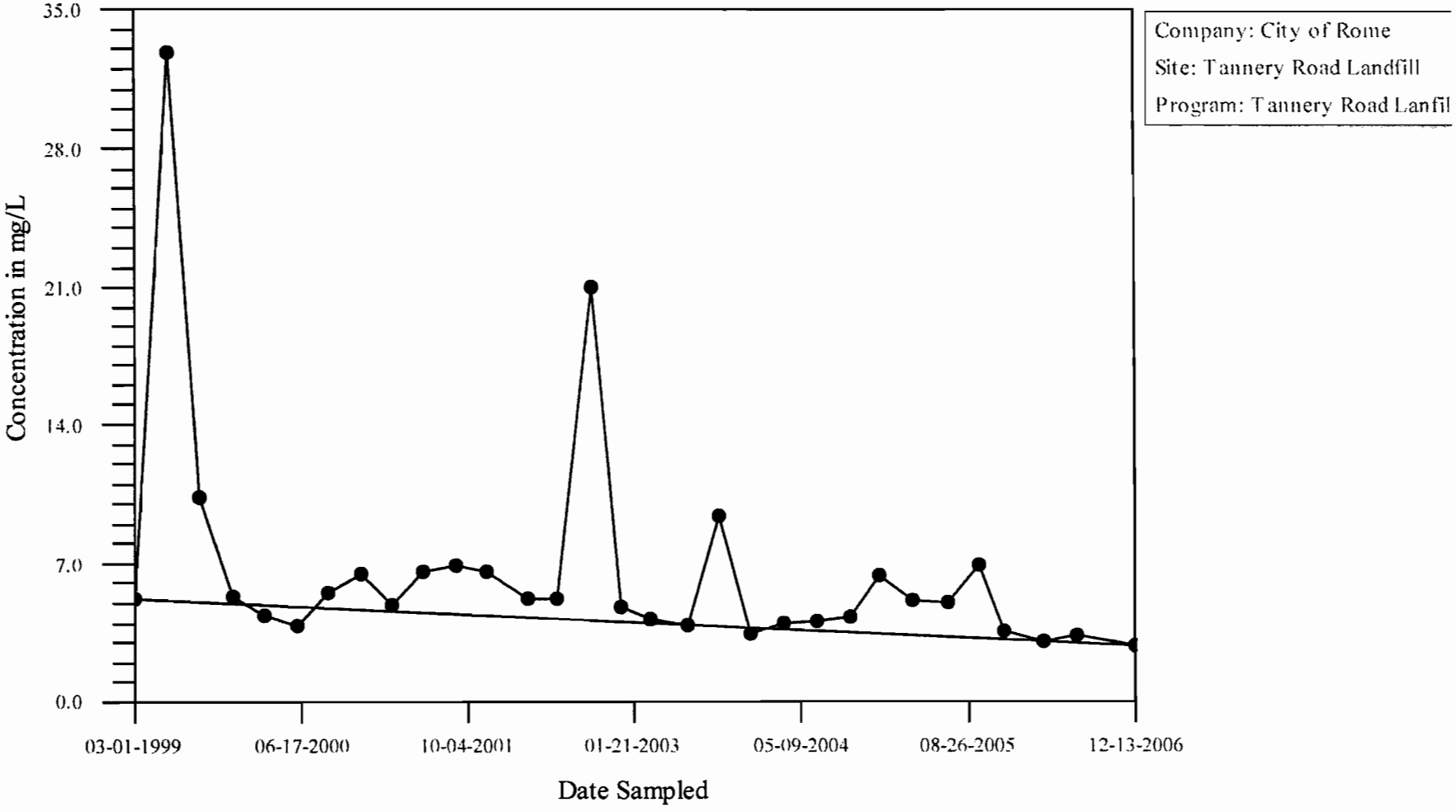
Time-Series Plot

Chloride, MW-4S



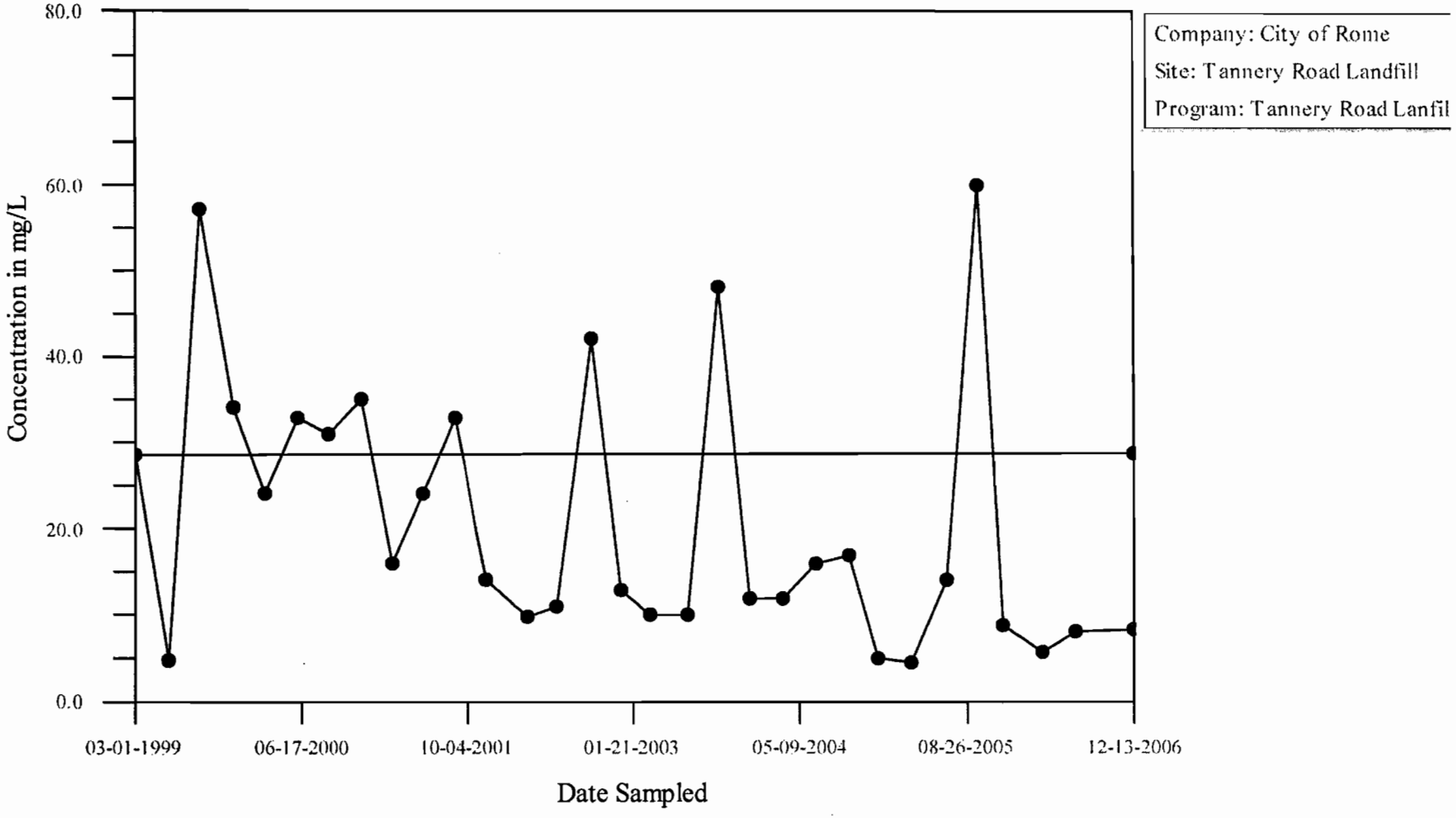
Time-Series Plot

Iron, MW-4S



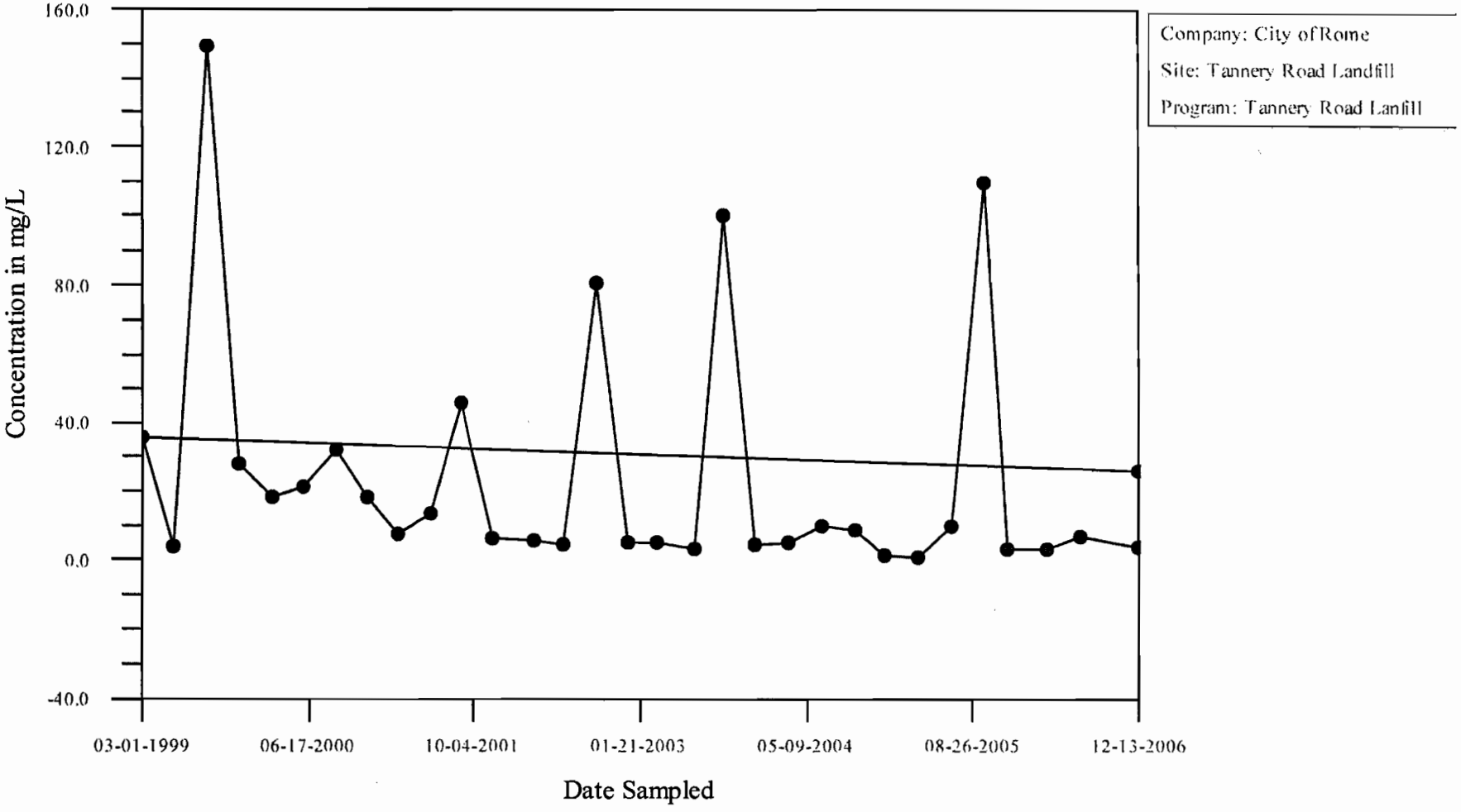
Time-Series Plot

Potassium, MW-4S



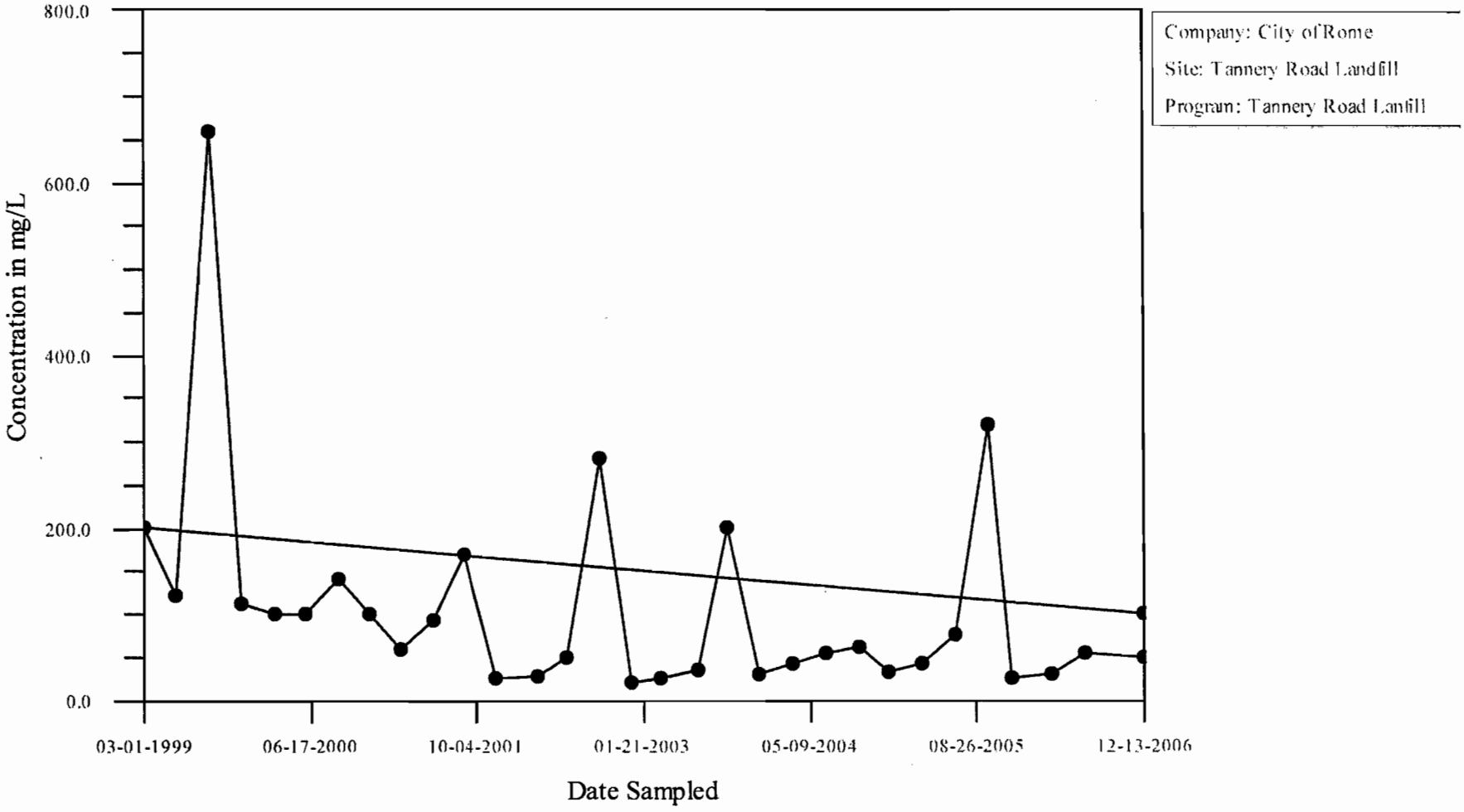
Time-Series Plot

Sodium, MW-4S



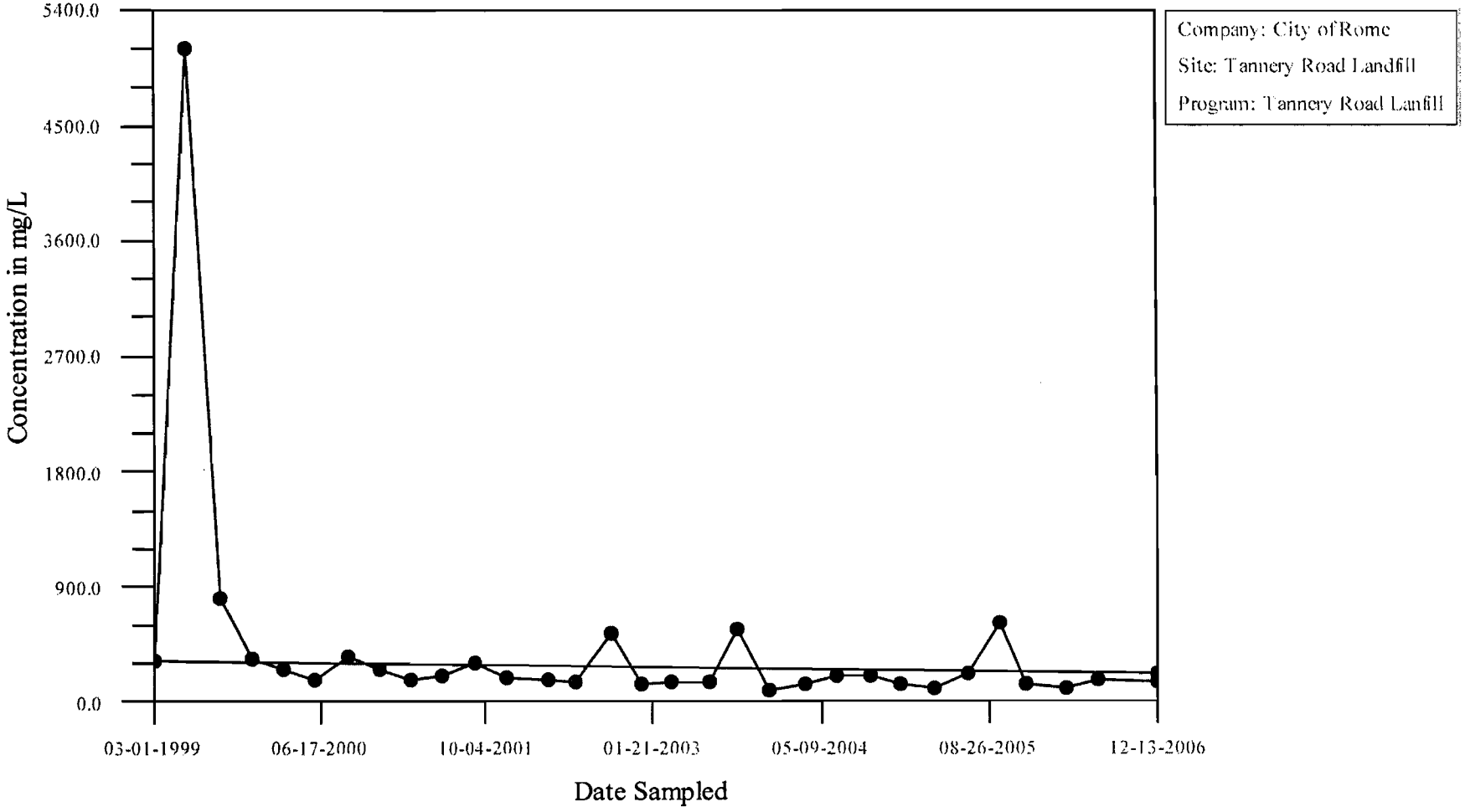
Time-Series Plot

Total Alkalinity, MW-4S



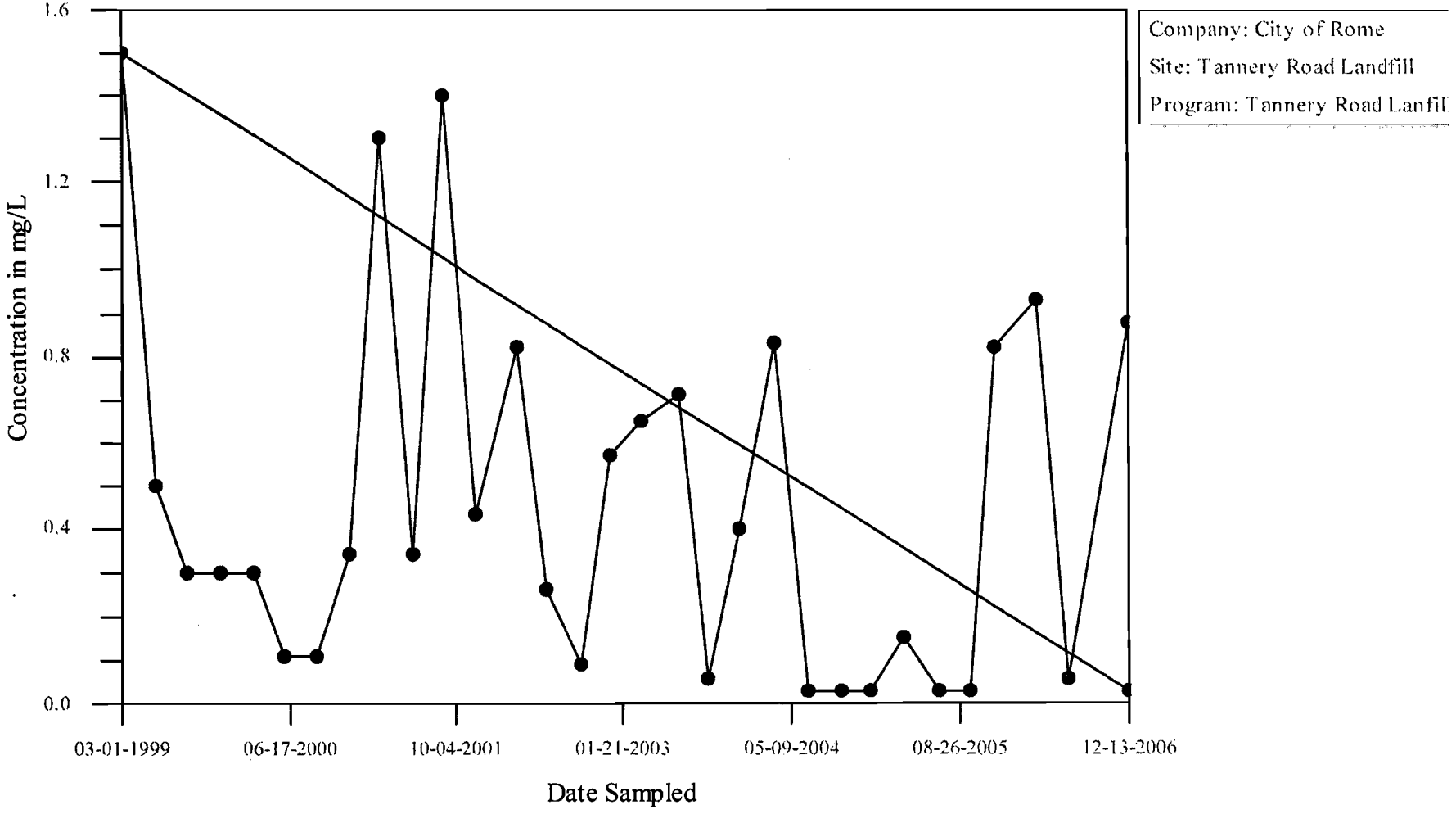
Time-Series Plot

Total Dissolved Solids, MW-4S



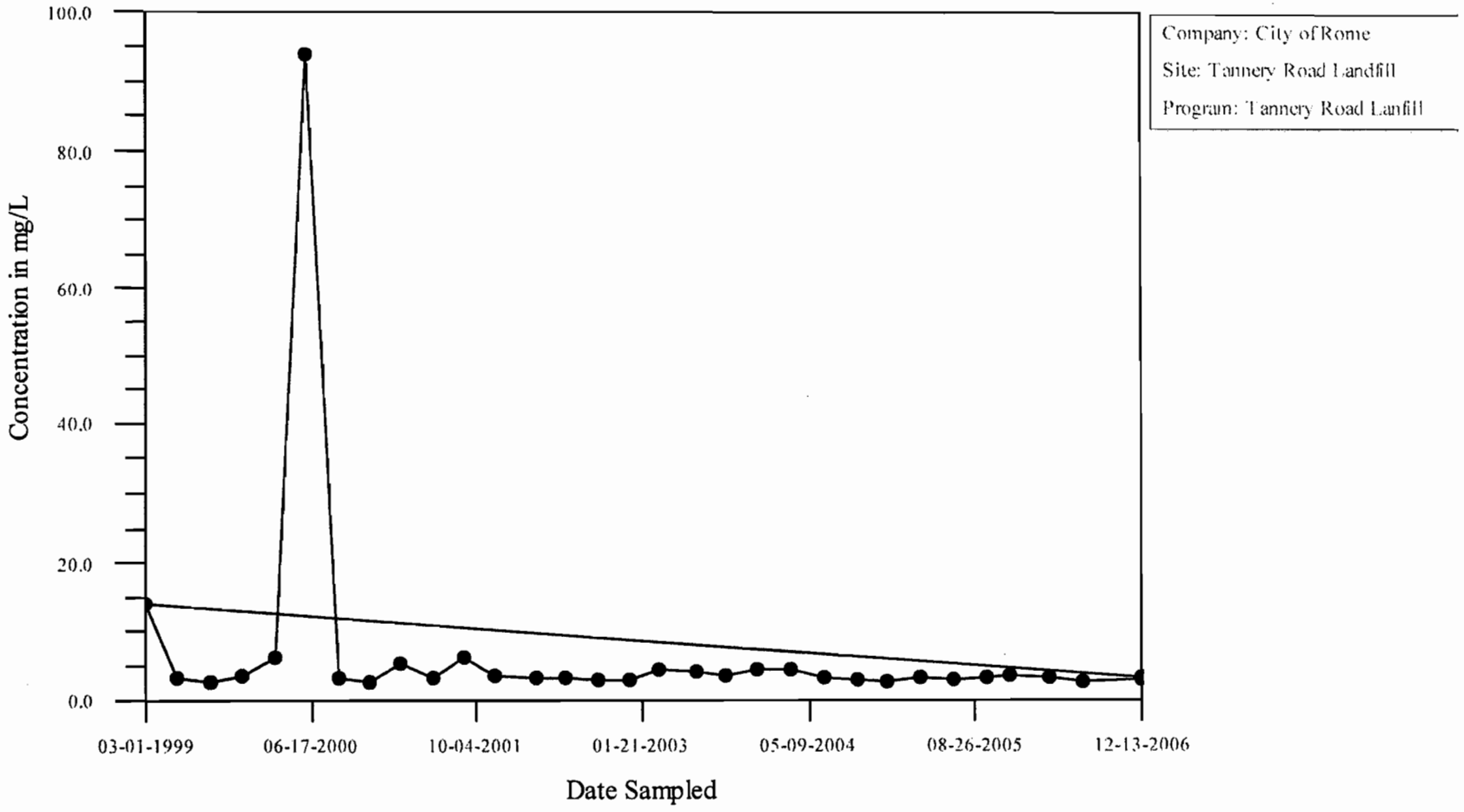
Time-Series Plot

Ammonia-Nitrogen, MW-5S



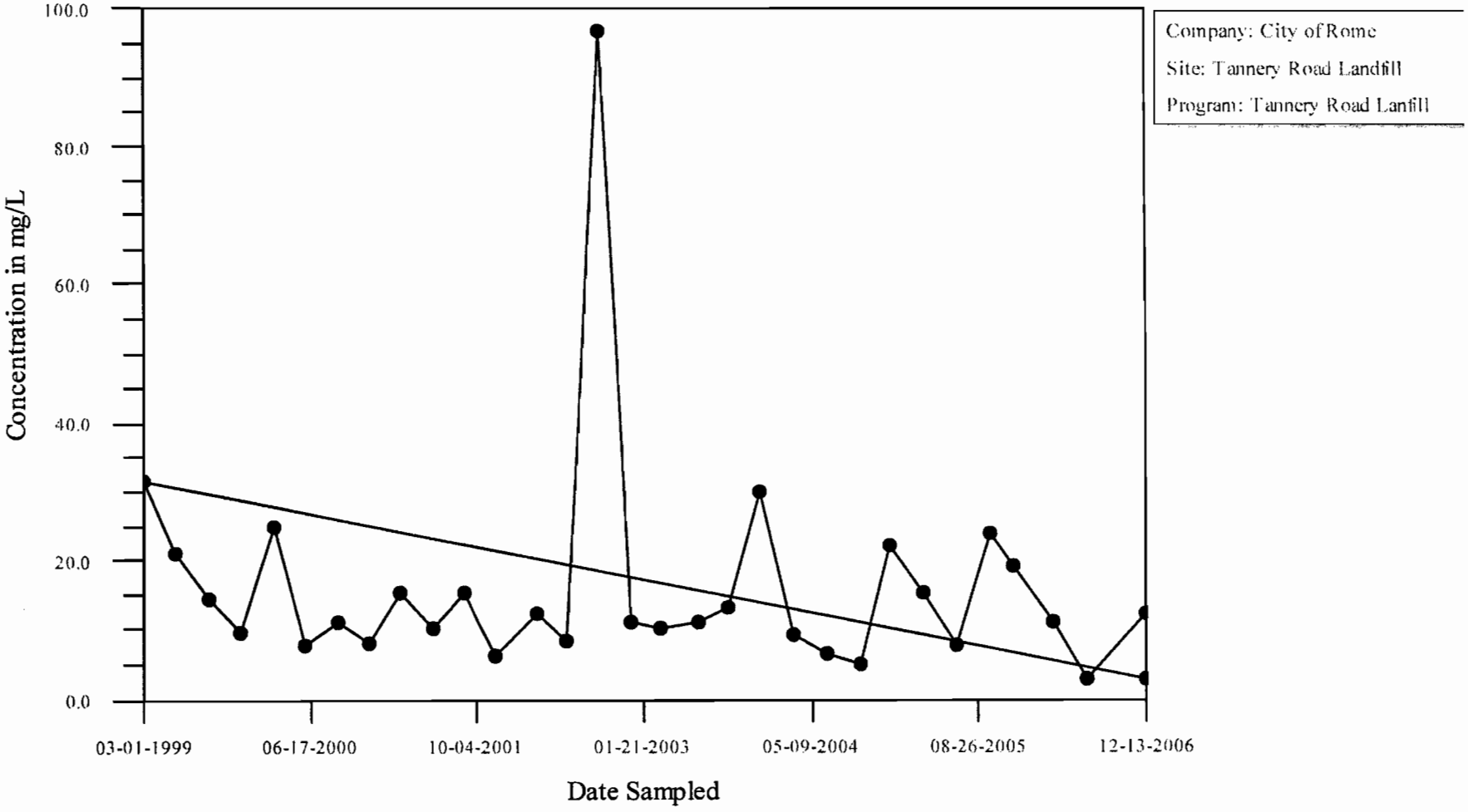
Time-Series Plot

Chloride, MW-5S



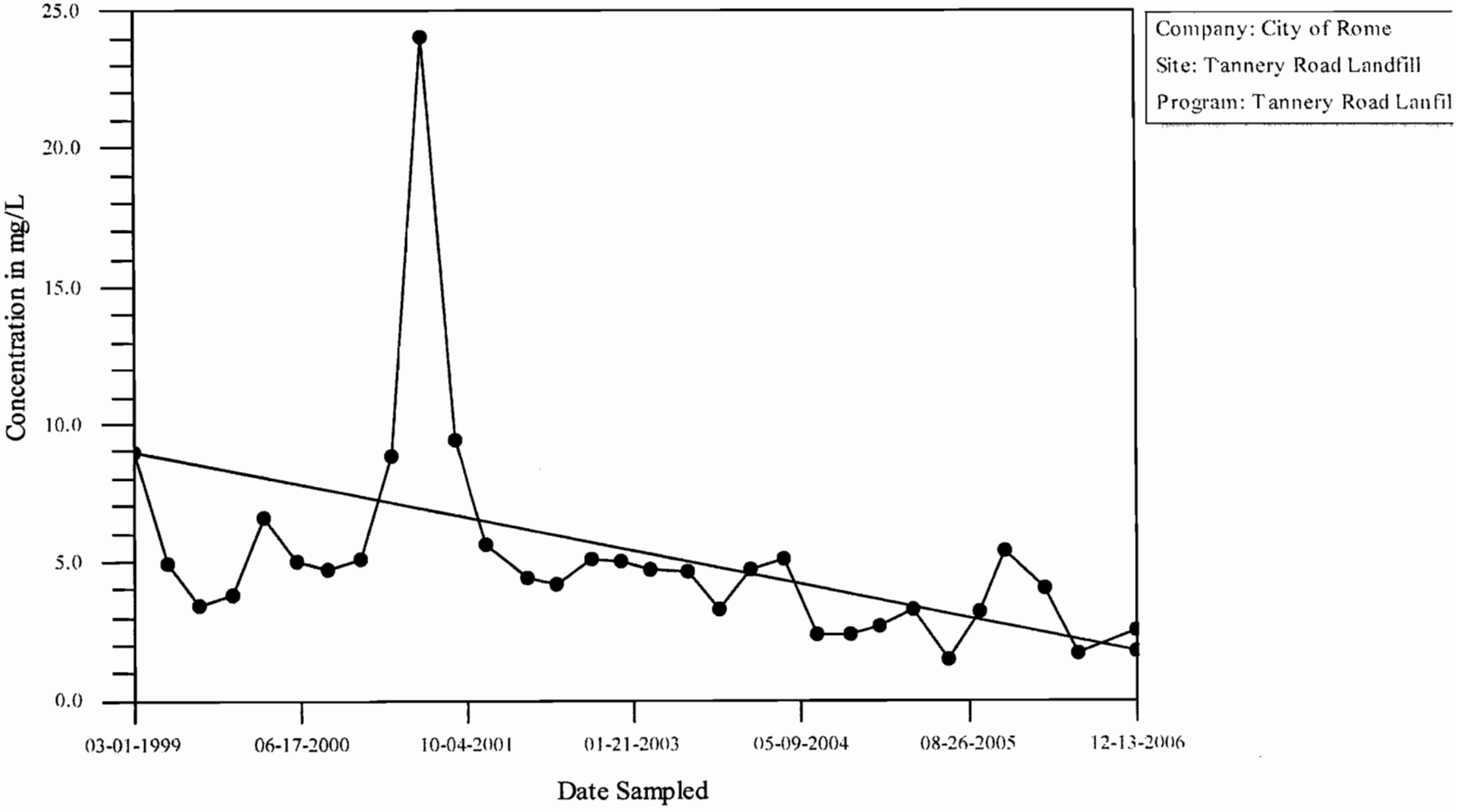
Time-Series Plot

Iron, MW-5S



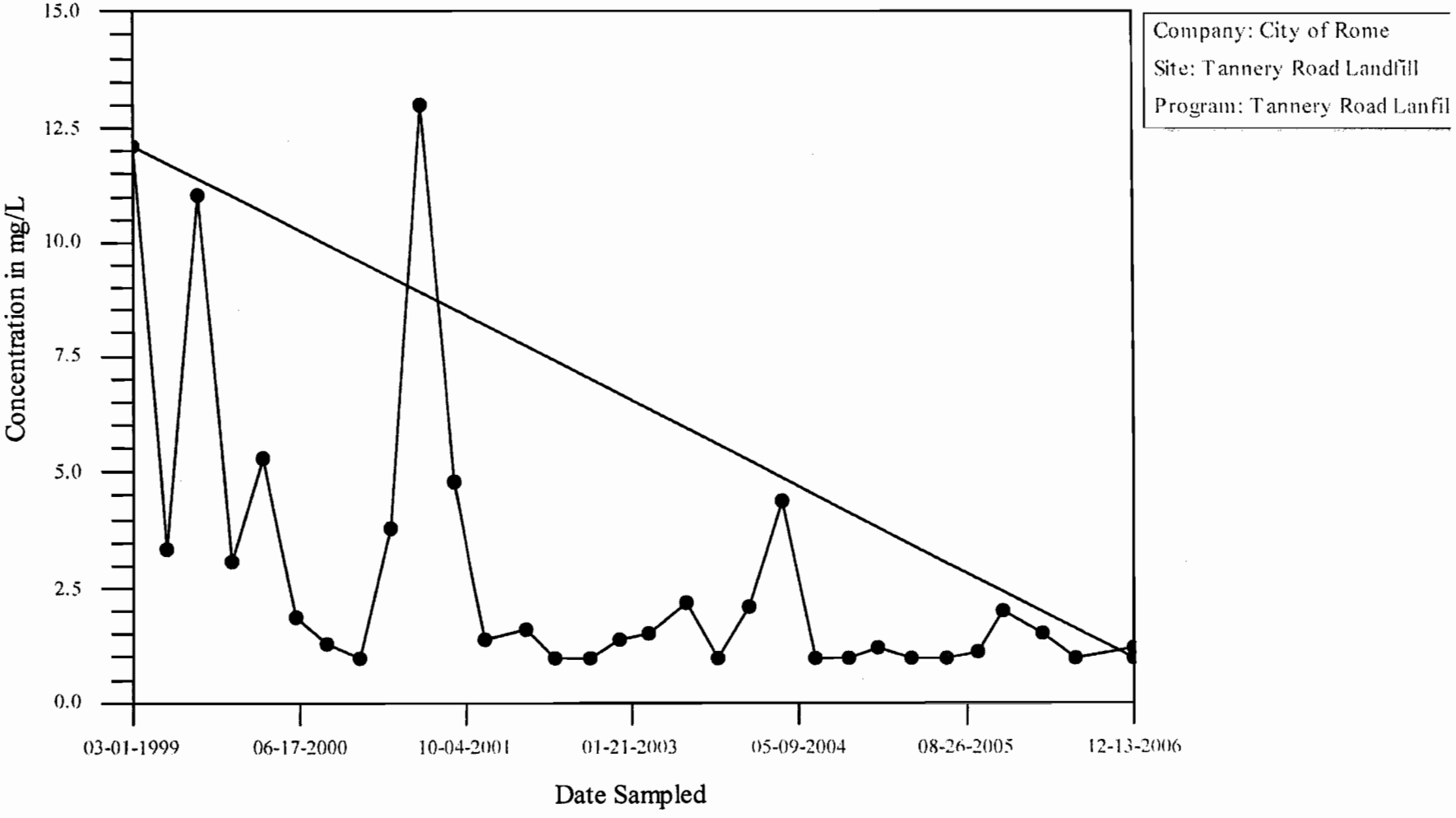
Time-Series Plot

Potassium, MW-5S



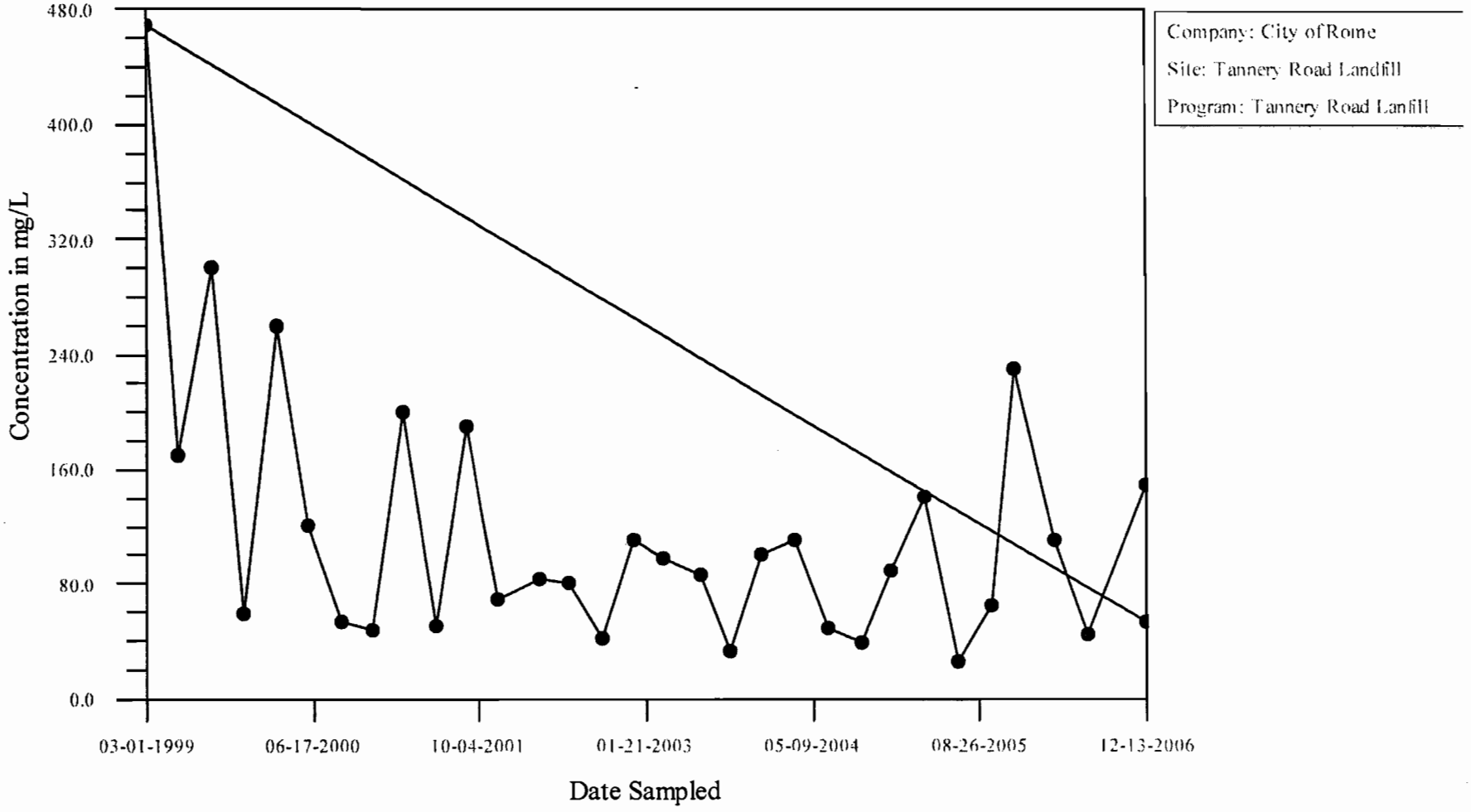
Time-Series Plot

Sodium, MW-5S



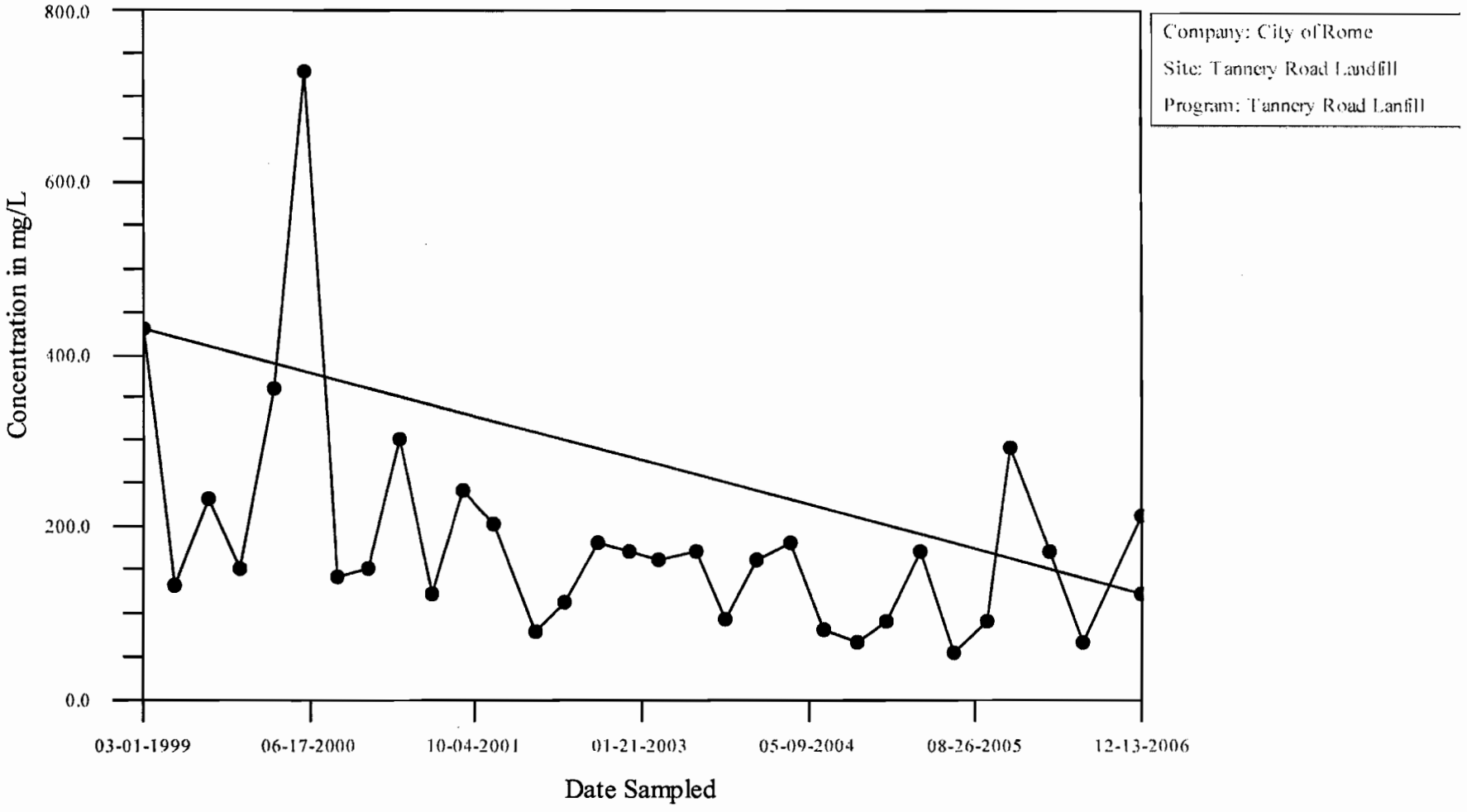
Time-Series Plot

Total Alkalinity, MW-5S



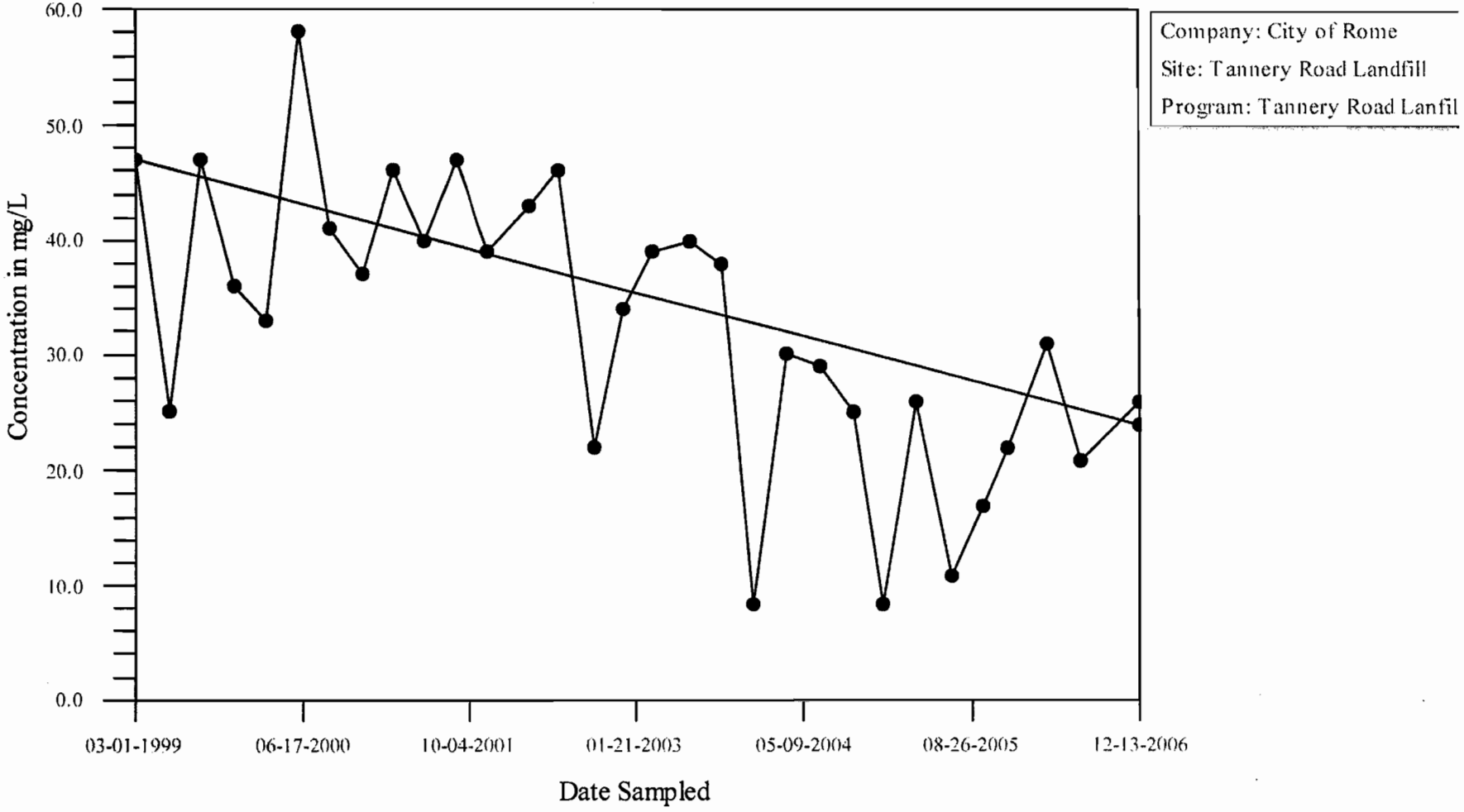
Time-Series Plot

Total Dissolved Solids, MW-5S



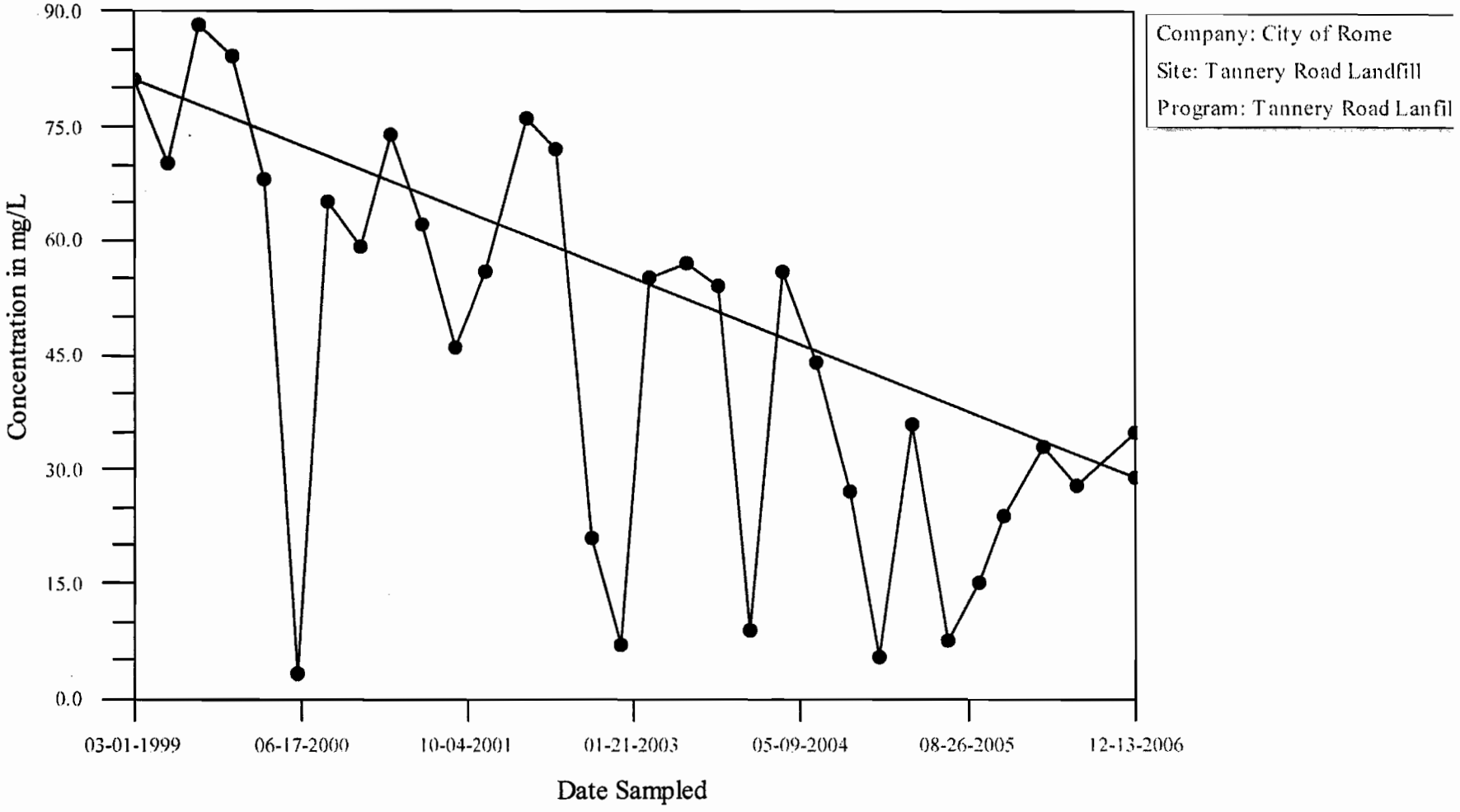
Time-Series Plot

Ammonia-Nitrogen, MW-7D



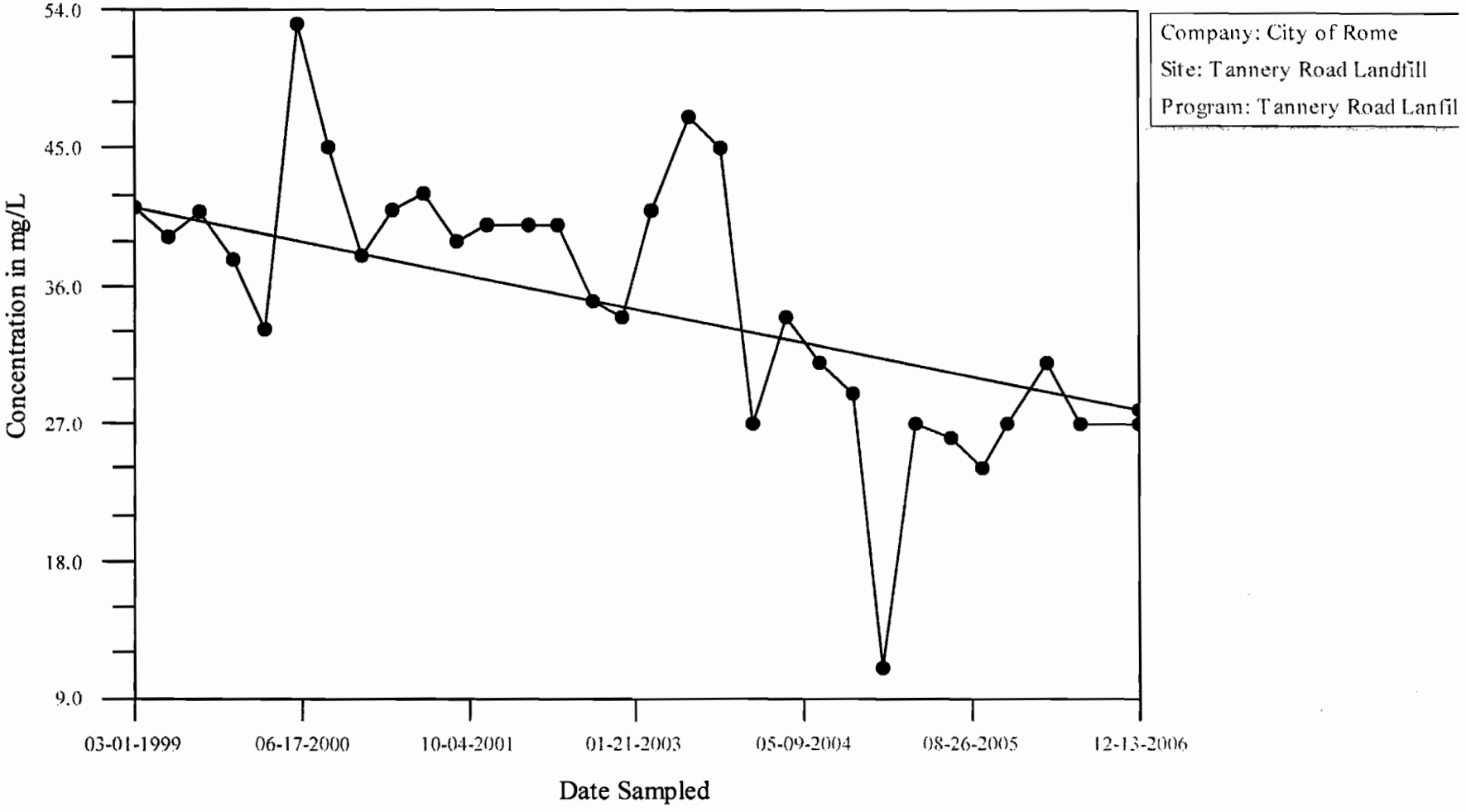
Time-Series Plot

Chloride, MW-7D



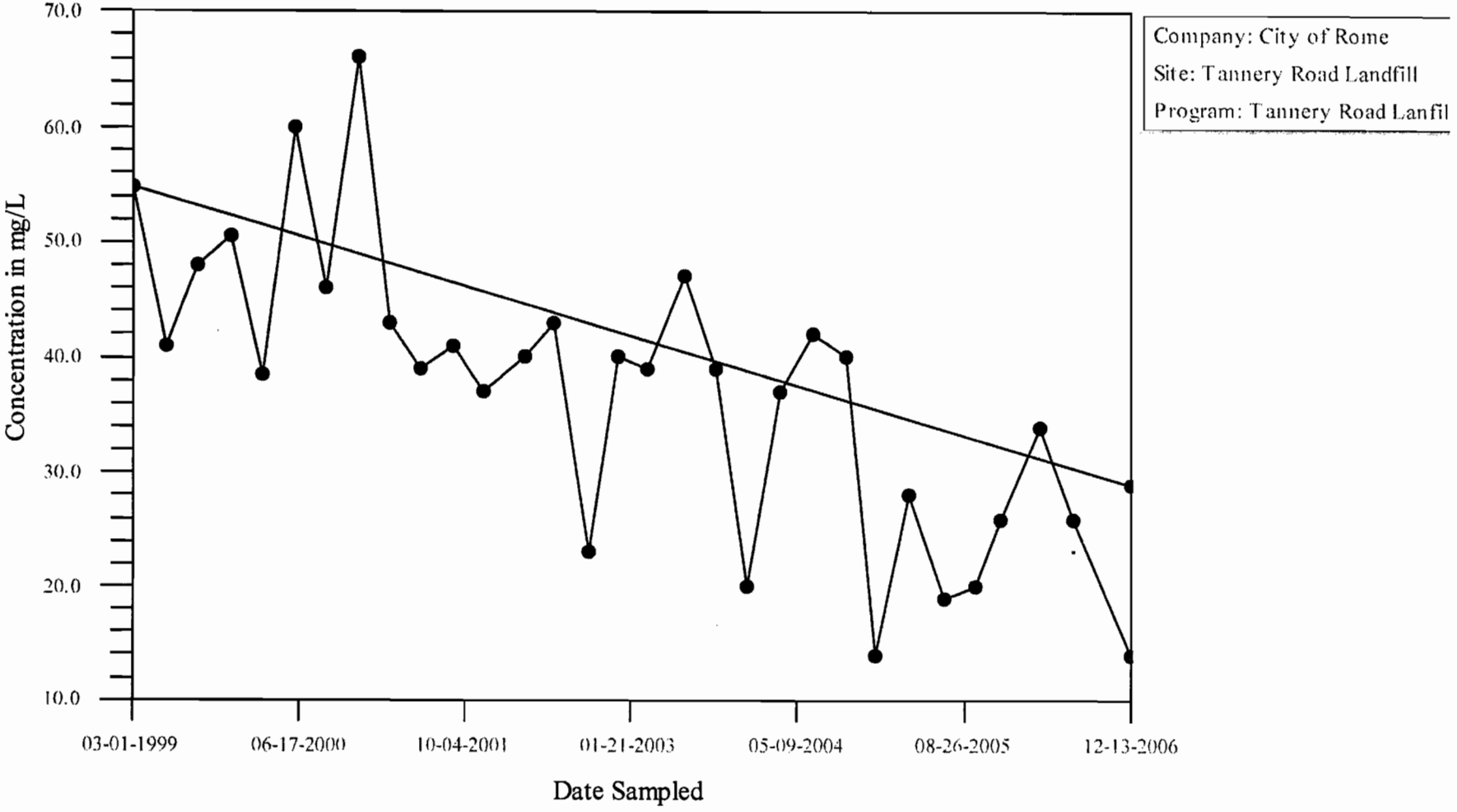
Time-Series Plot

Iron, MW-7D



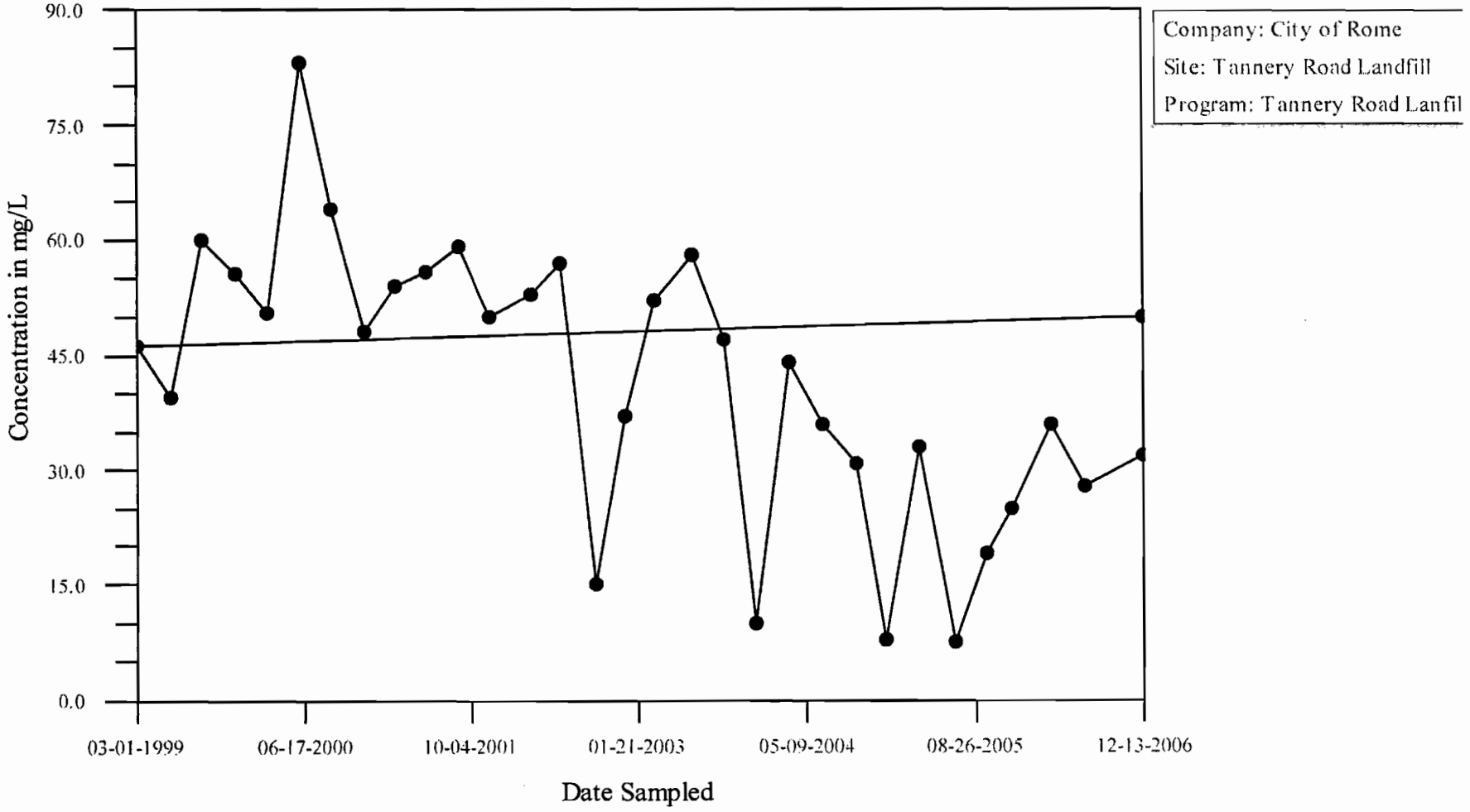
Time-Series Plot

Potassium, MW-7D



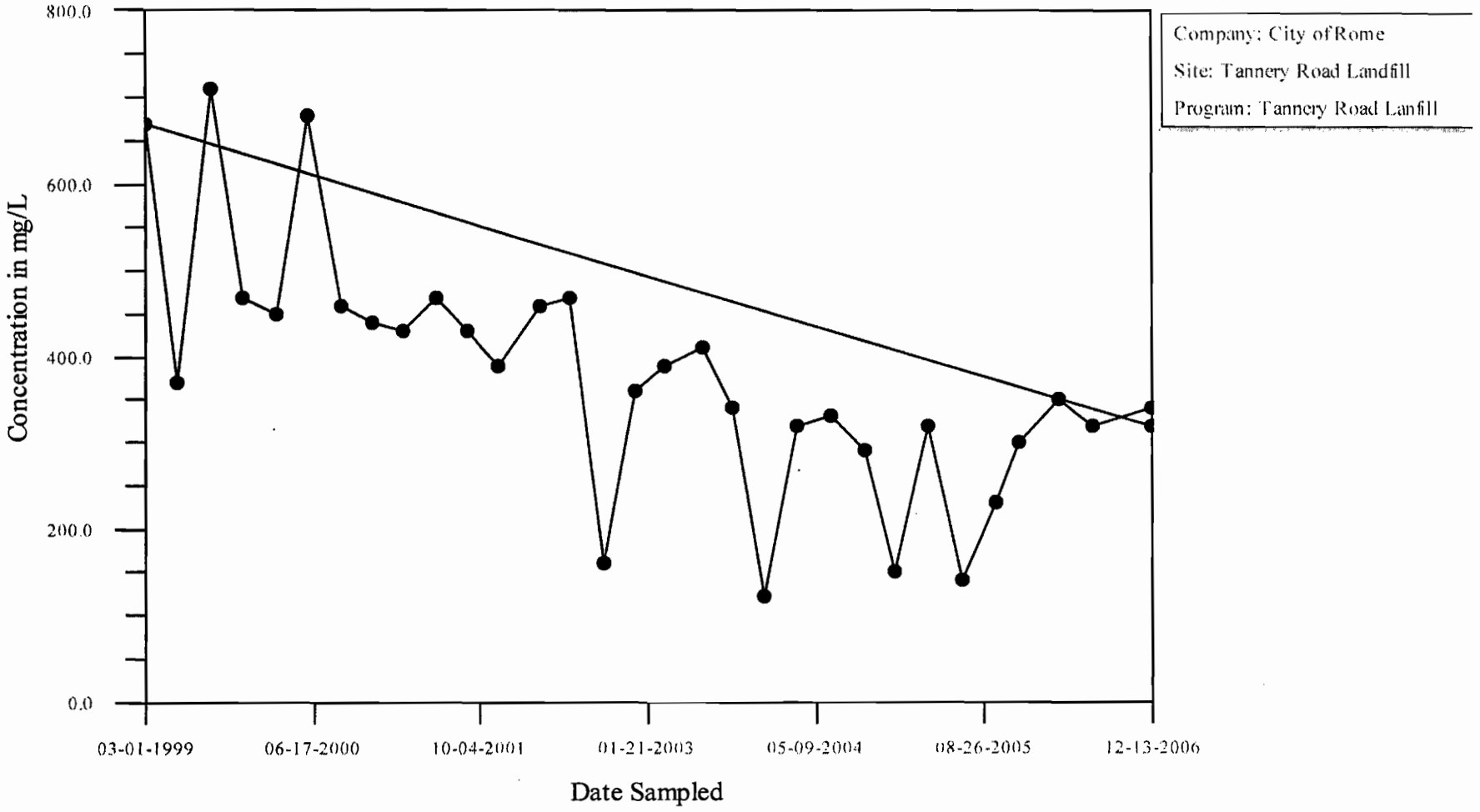
Time-Series Plot

Sodium, MW-7D



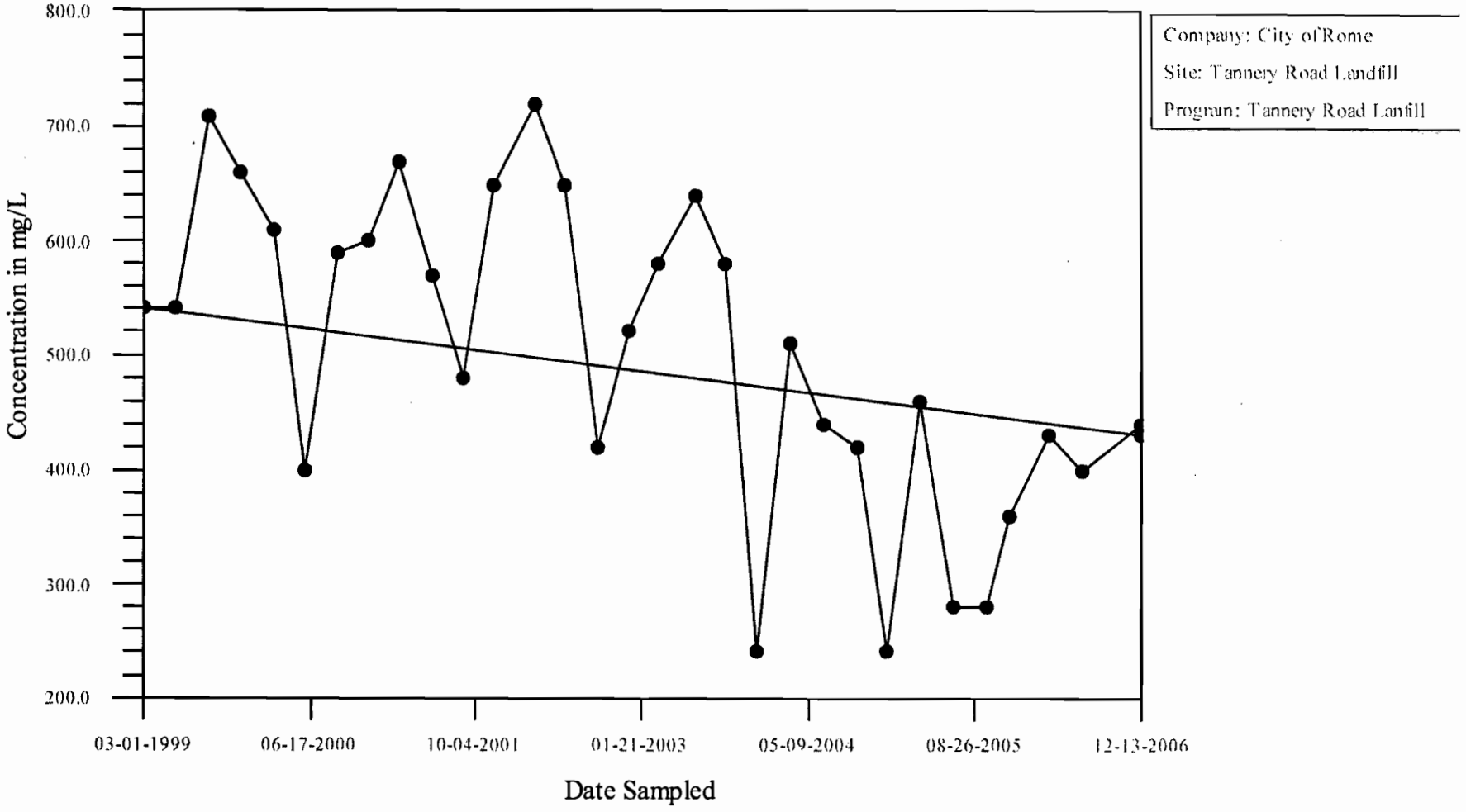
Time-Series Plot

Total Alkalinity, MW-7D



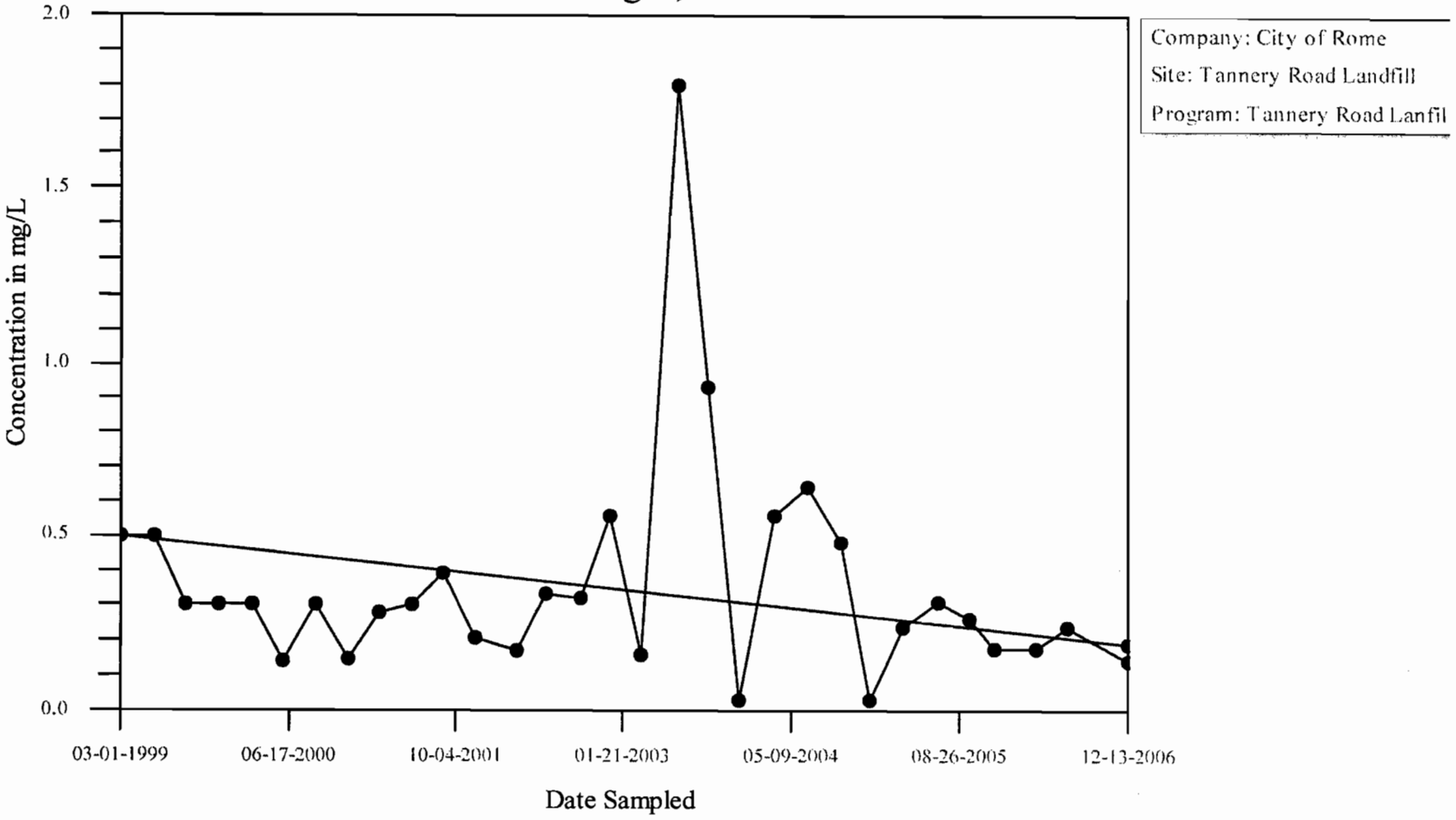
Time-Series Plot

Total Dissolved Solids, MW-7D



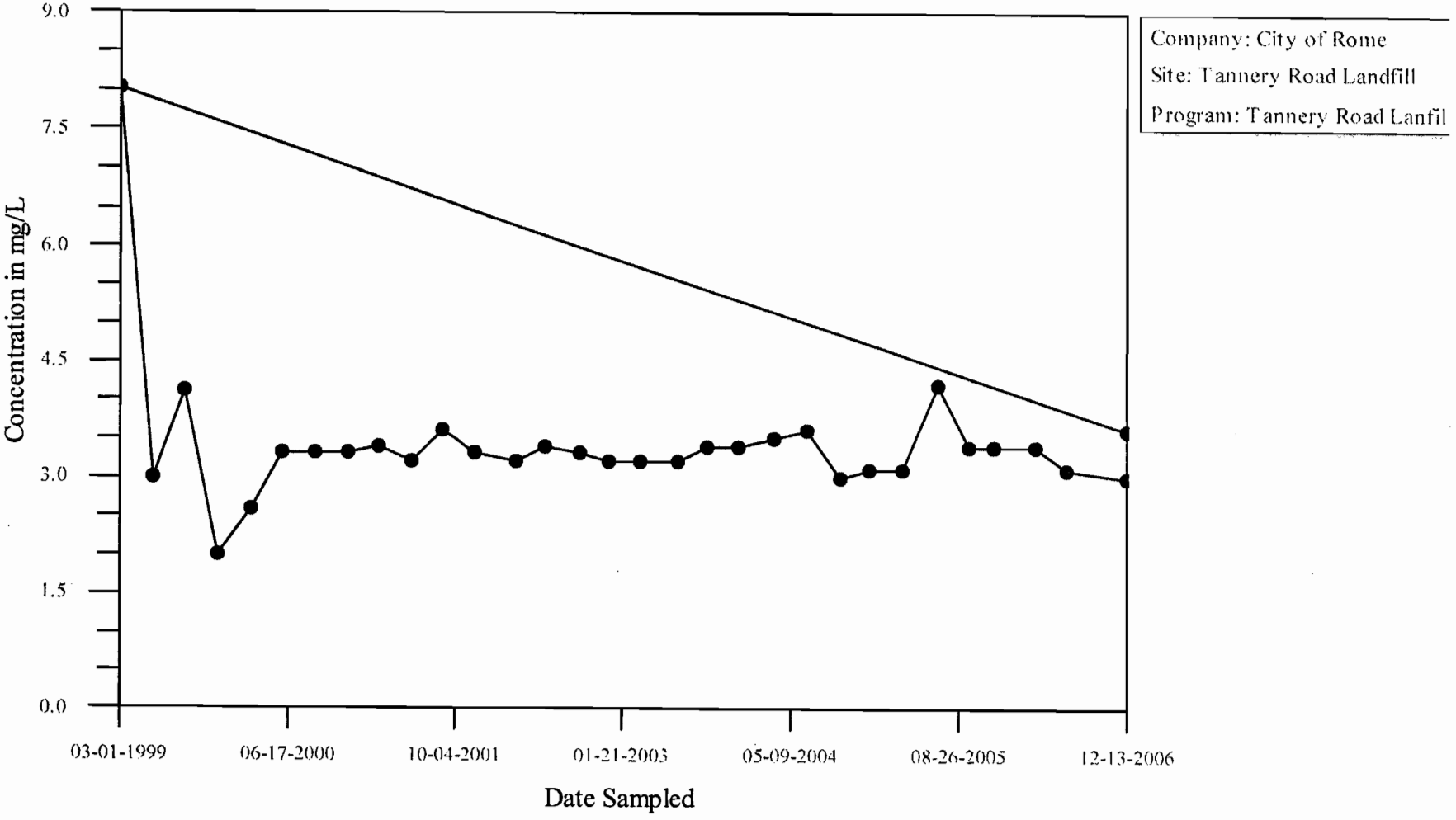
Time-Series Plot

Ammonia-Nitrogen, MW-9S



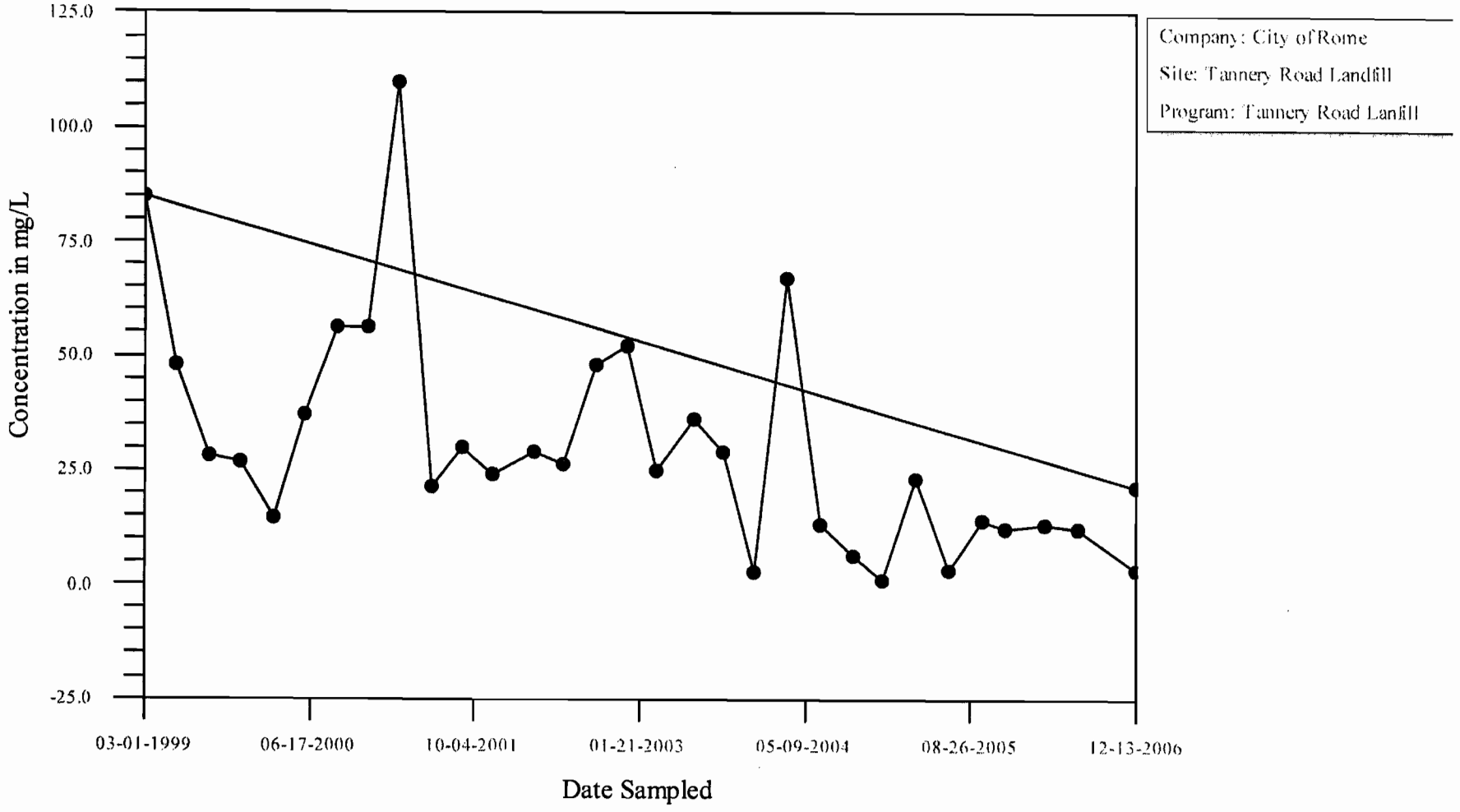
Time-Series Plot

Chloride, MW-9S



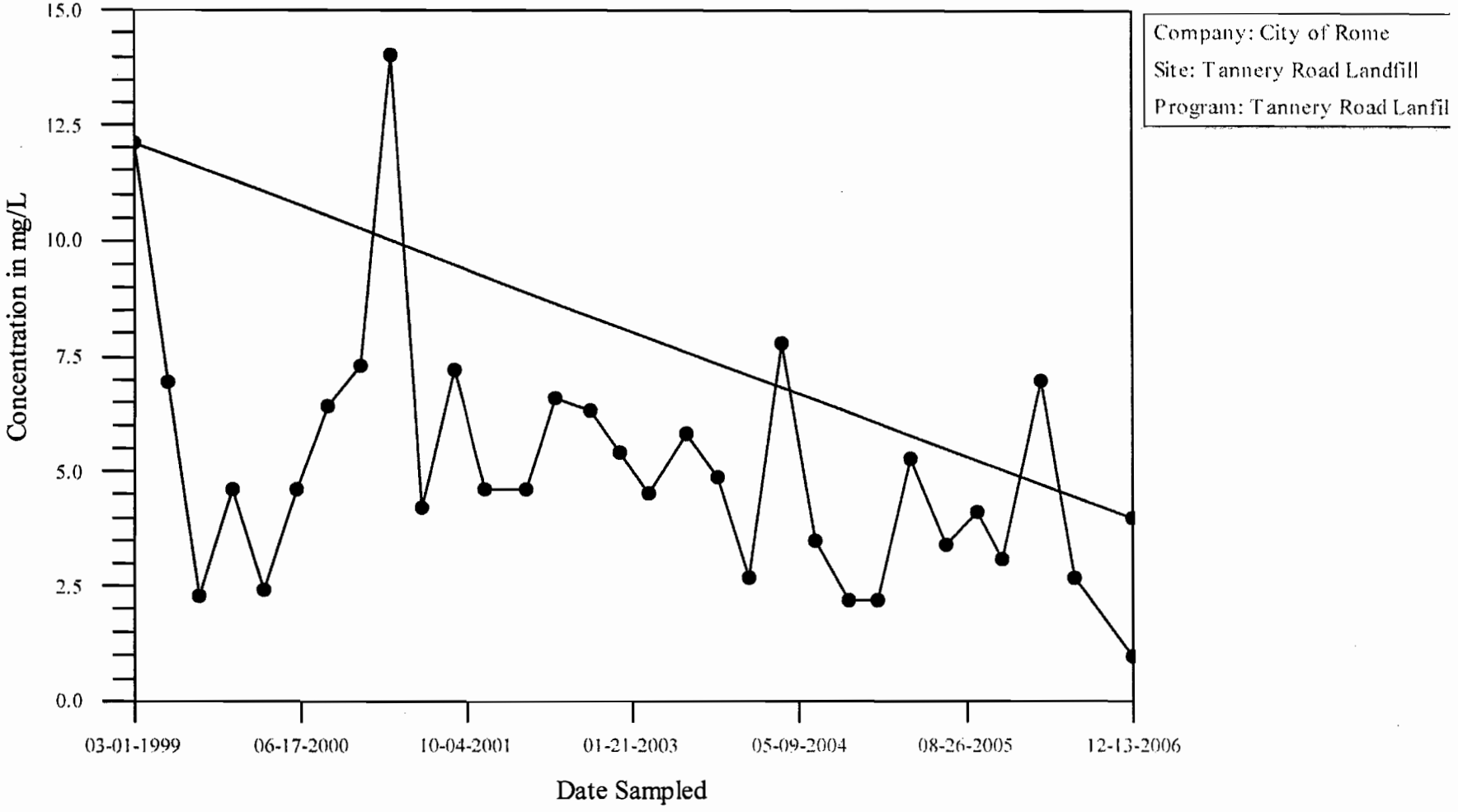
Time-Series Plot

Iron, MW-9S



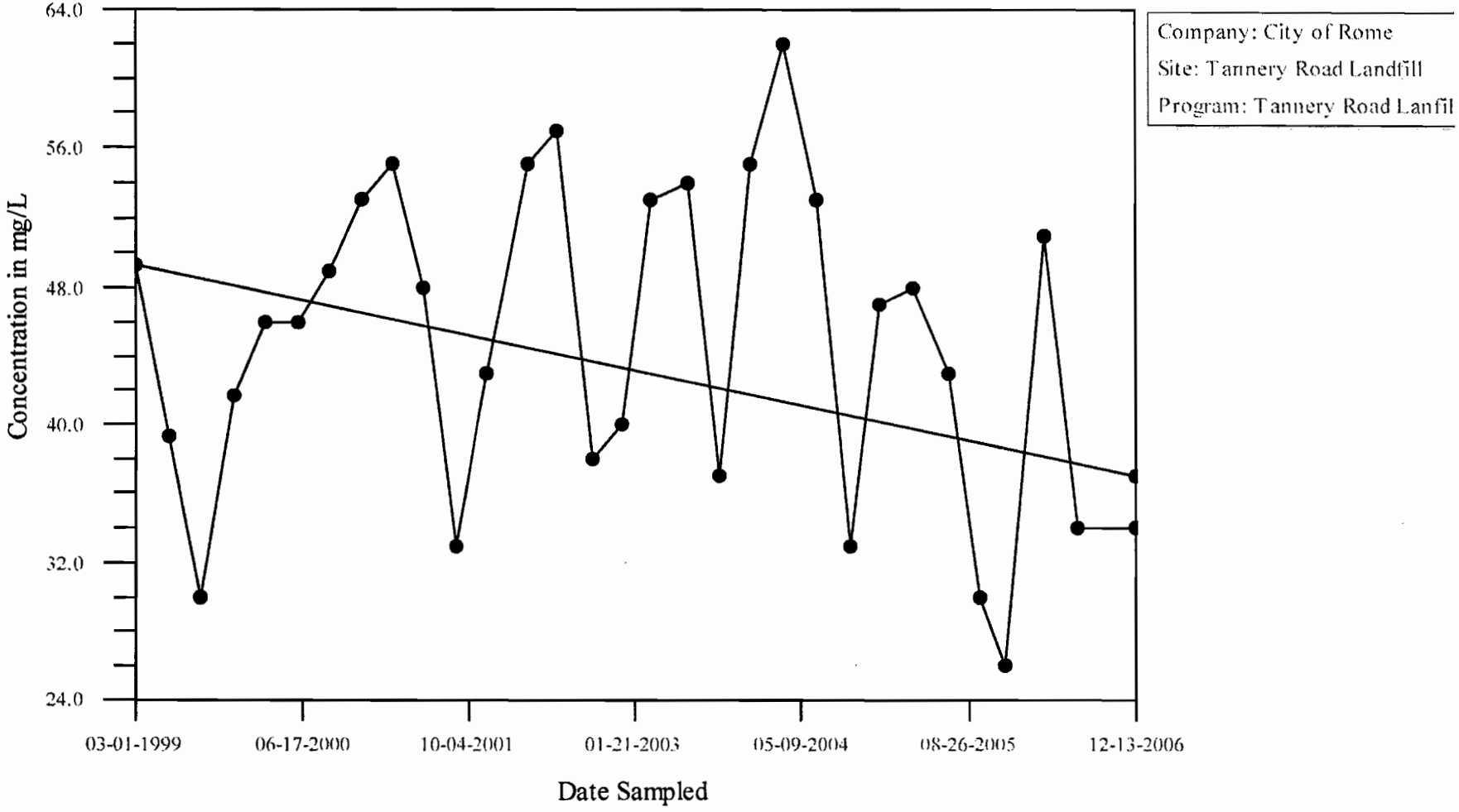
Time-Series Plot

Potassium, MW-9S



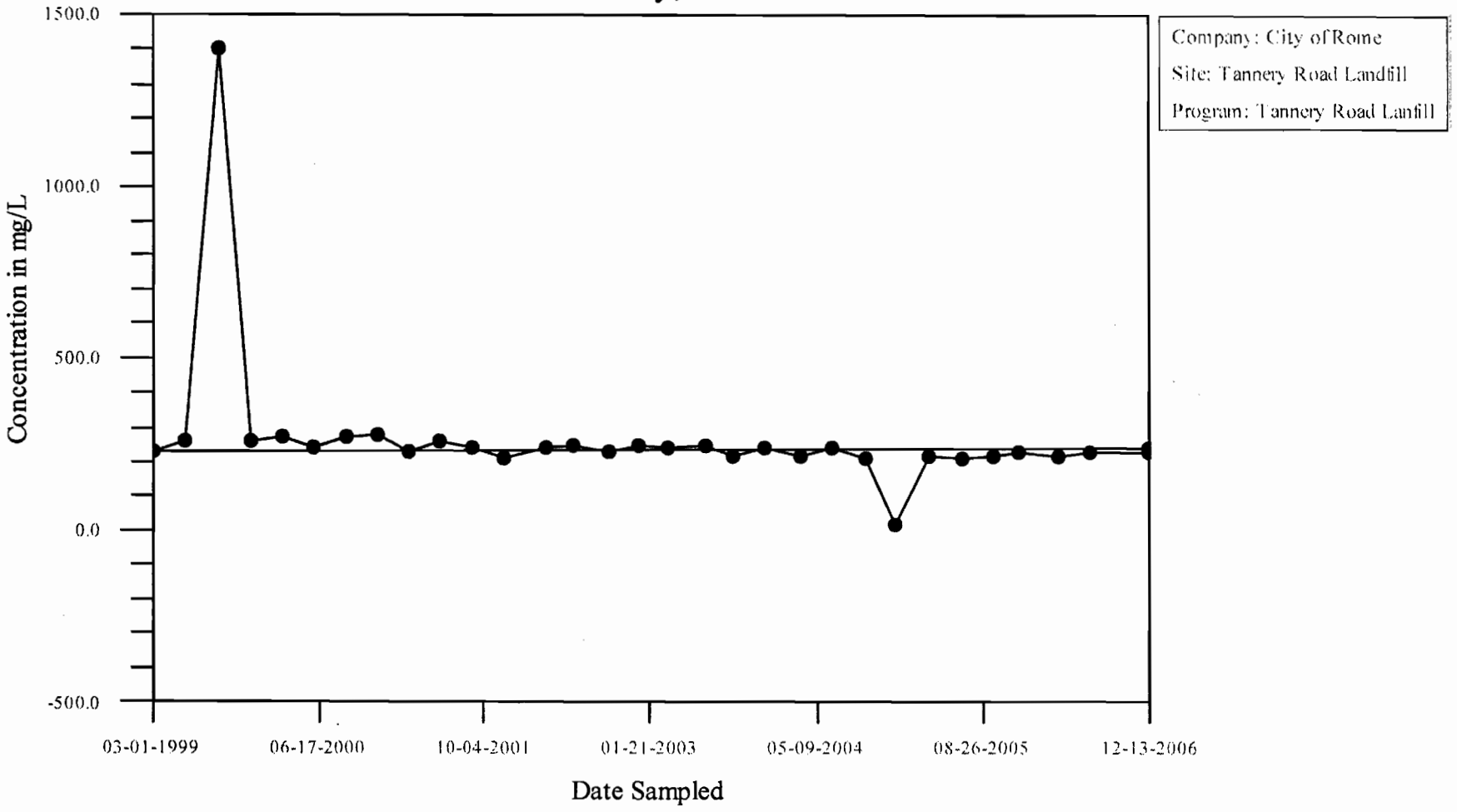
Time-Series Plot

Sodium, MW-9S



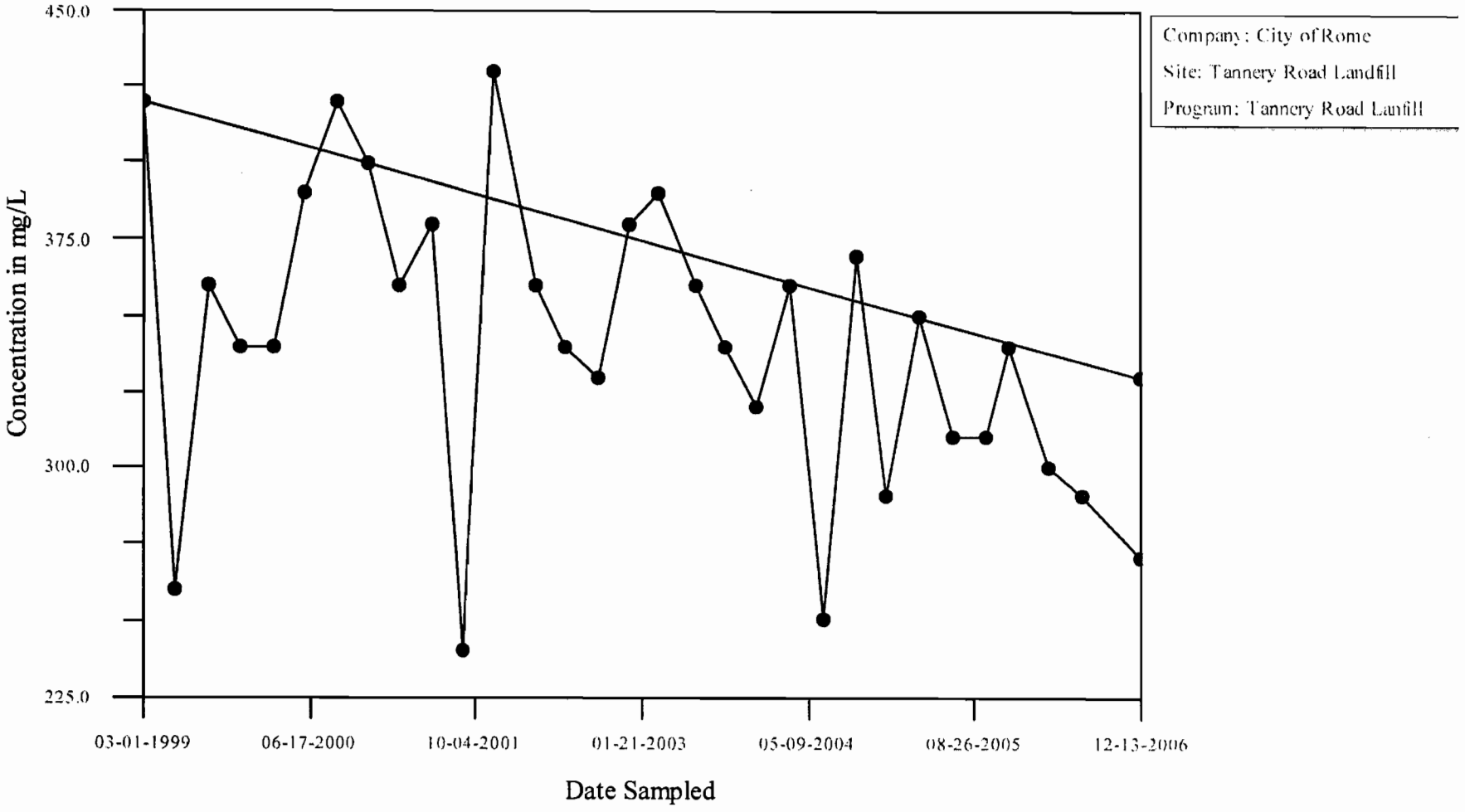
Time-Series Plot

Total Alkalinity, MW-9S



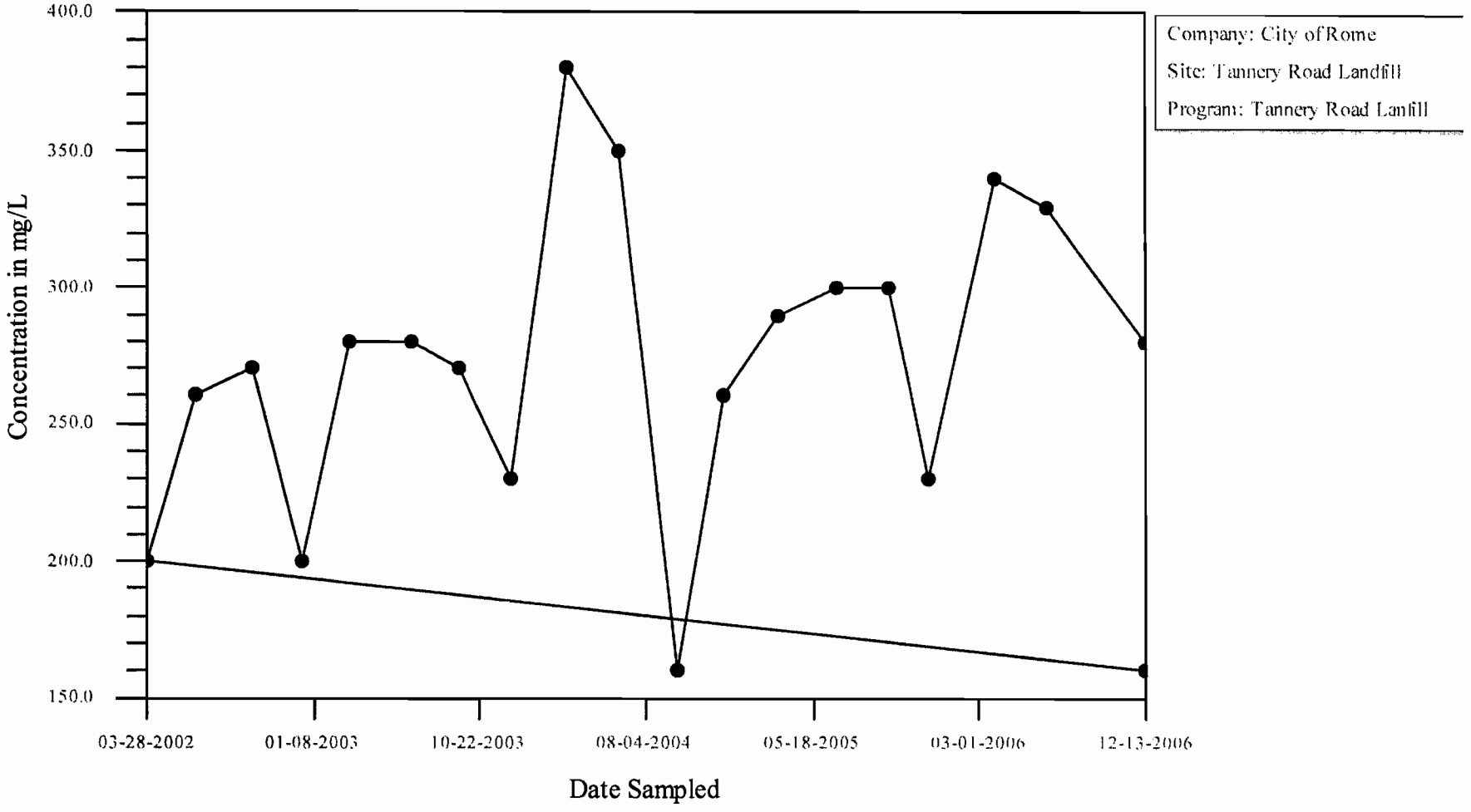
Time-Series Plot

Total Dissolved Solids, MW-9S



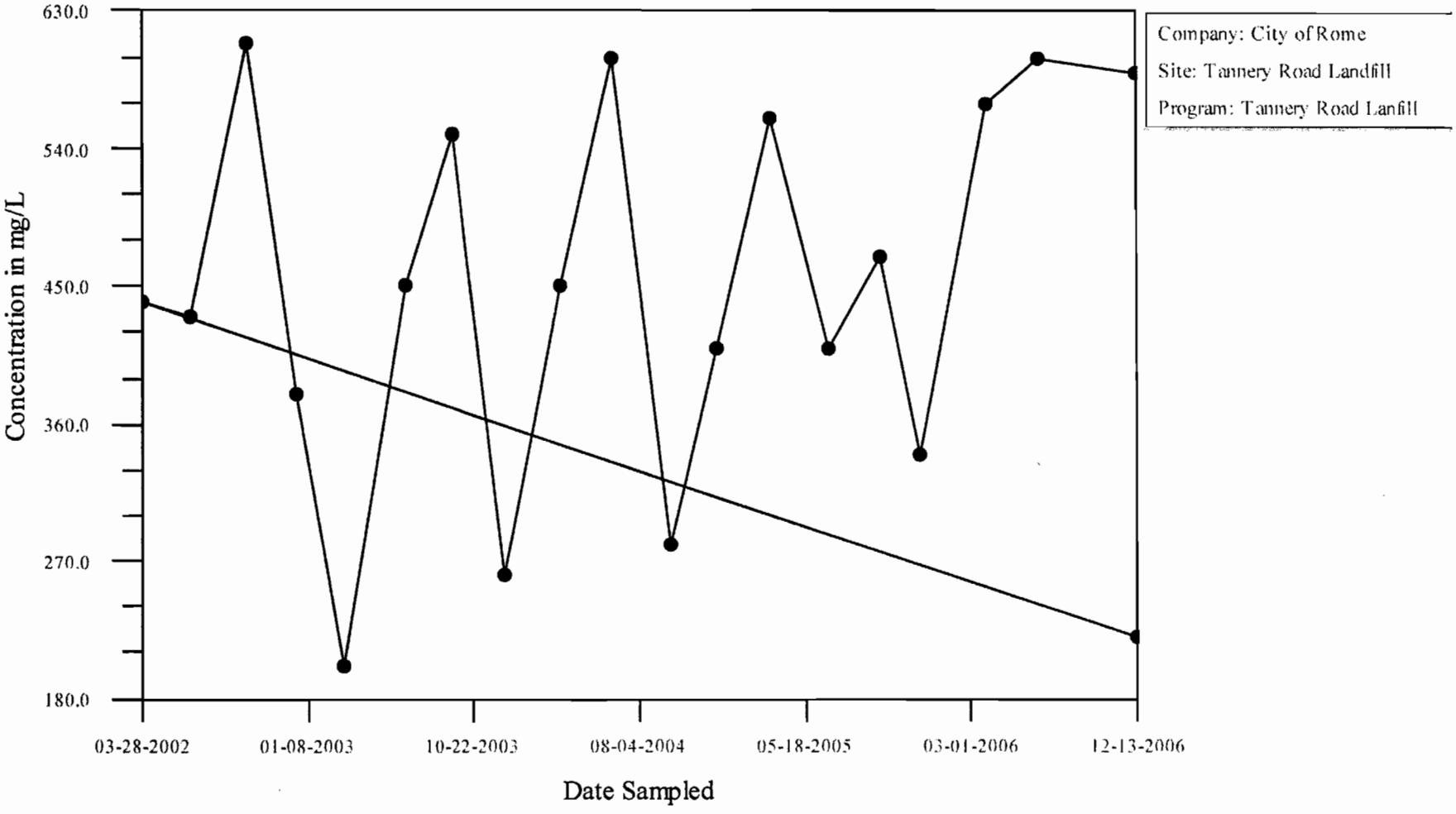
Time-Series Plot

Ammonia-Nitrogen, LMW-10



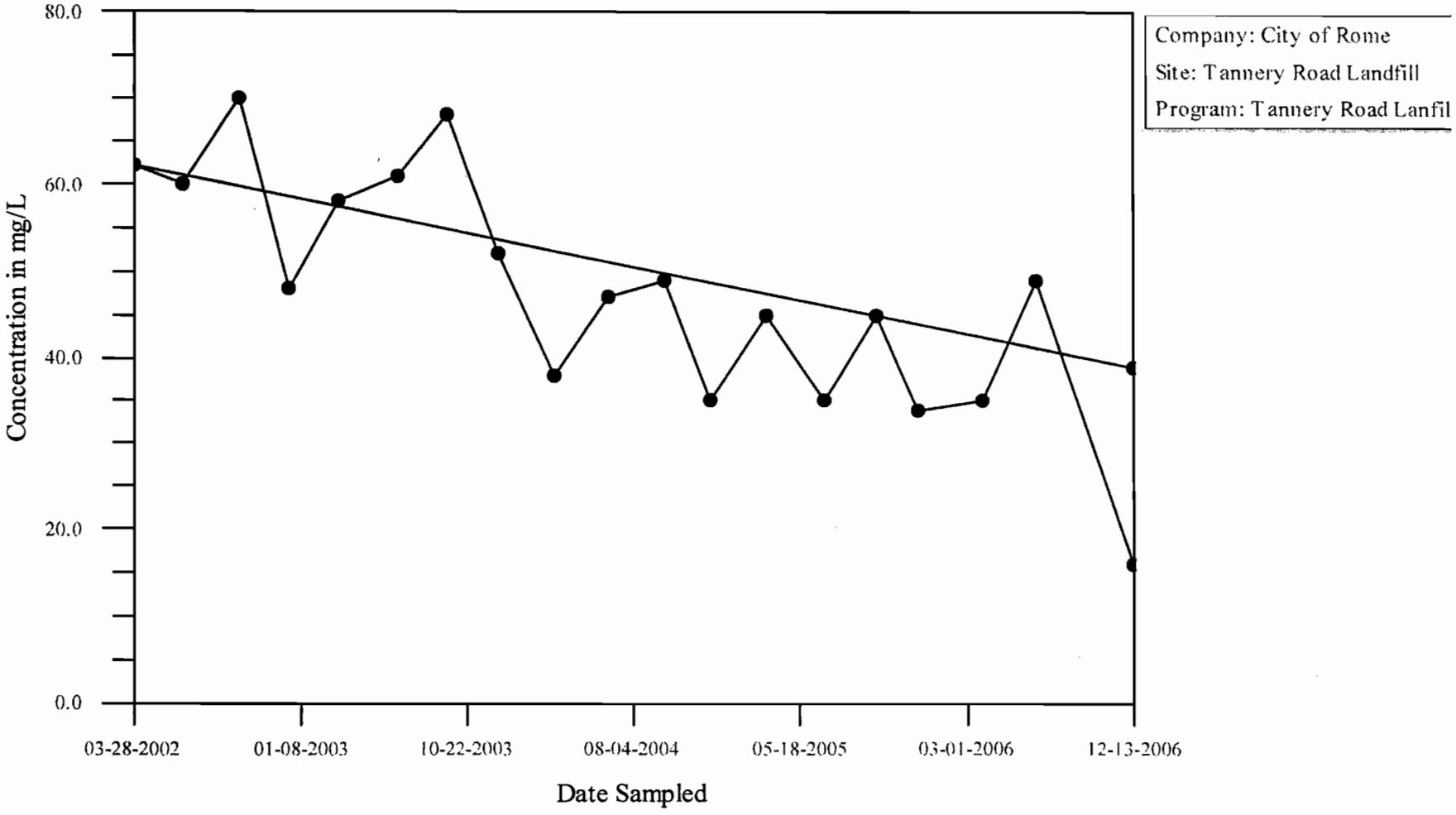
Time-Series Plot

Chloride, LMW-10



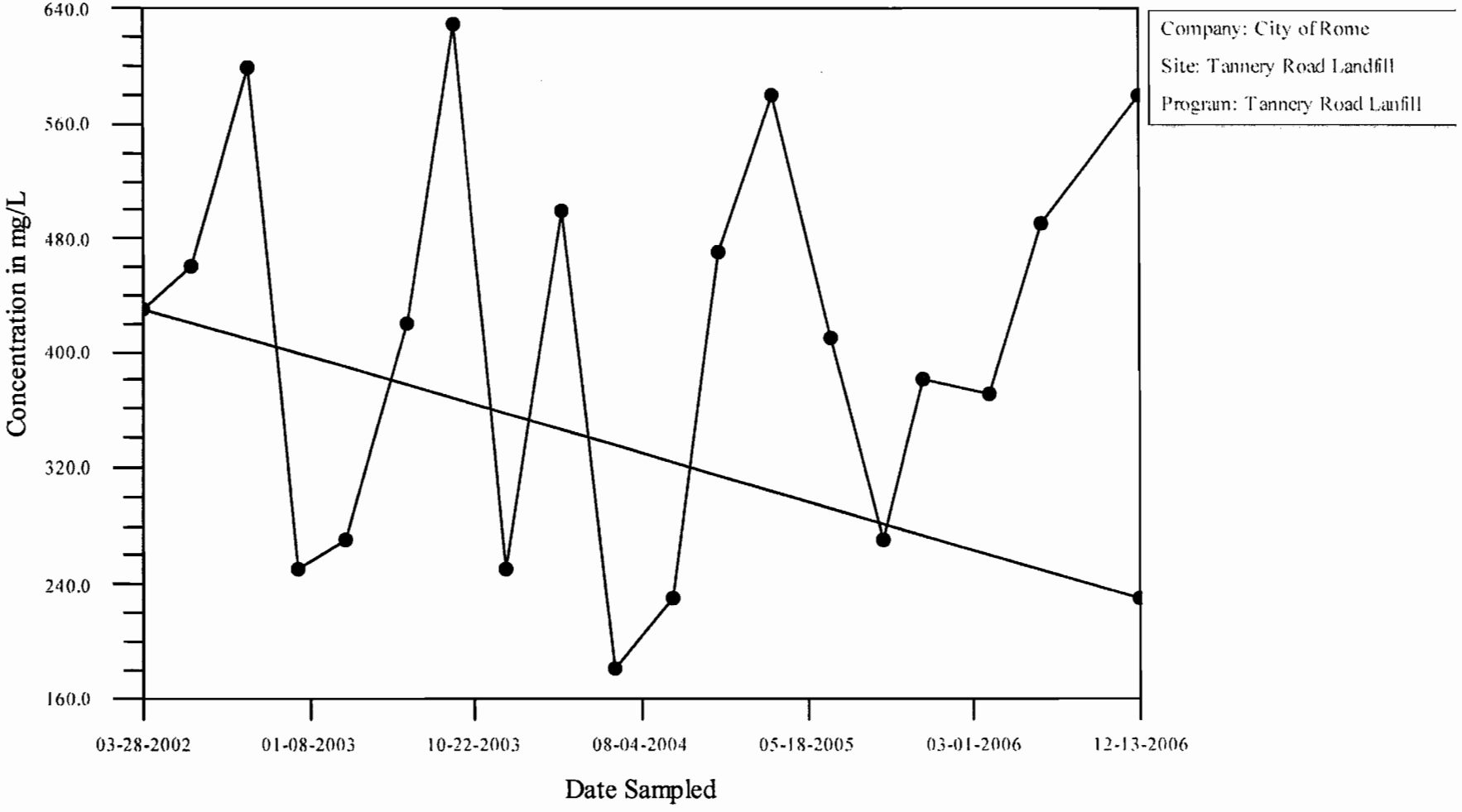
Time-Series Plot

Iron, LMW-10



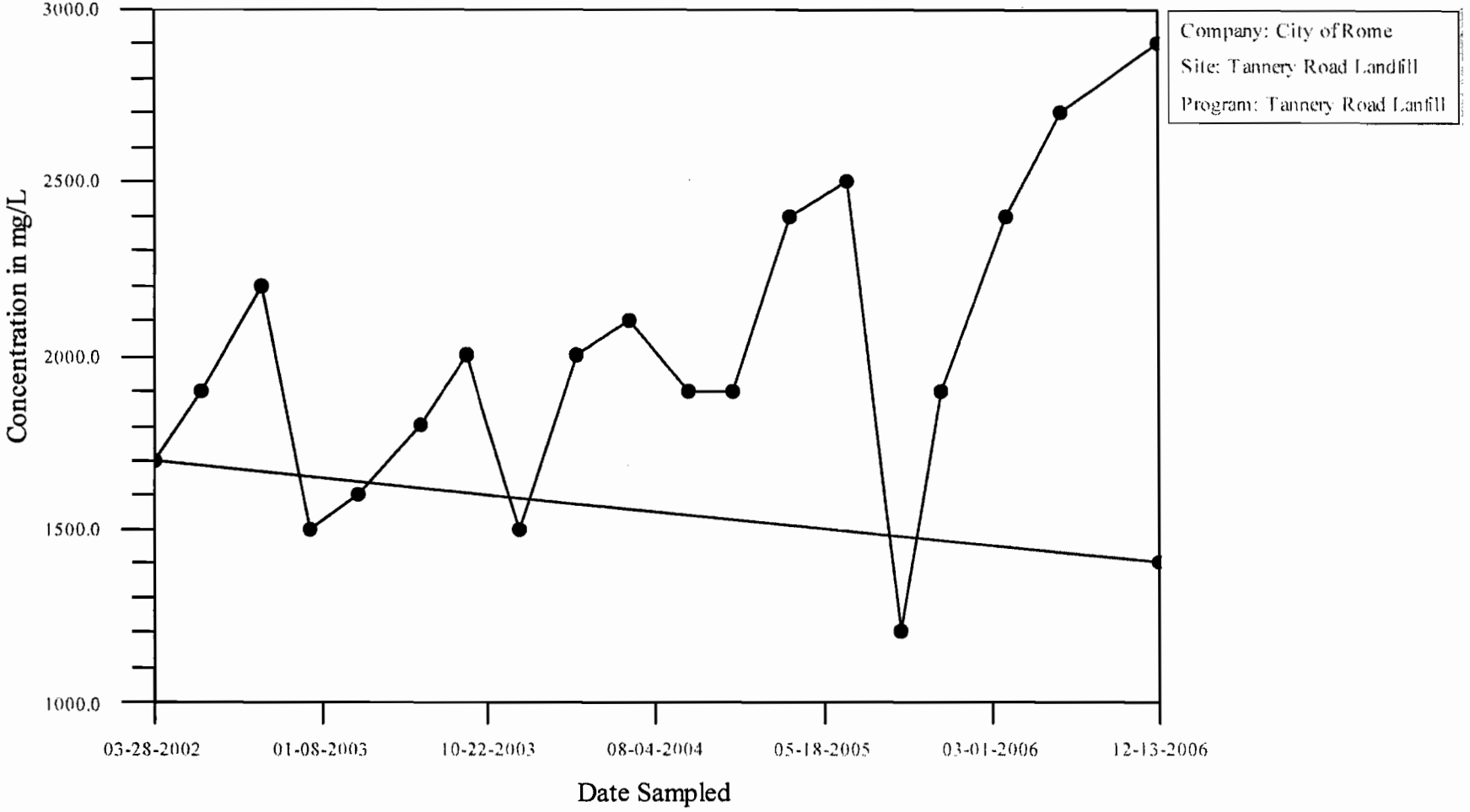
Time-Series Plot

Sodium, LMW-10



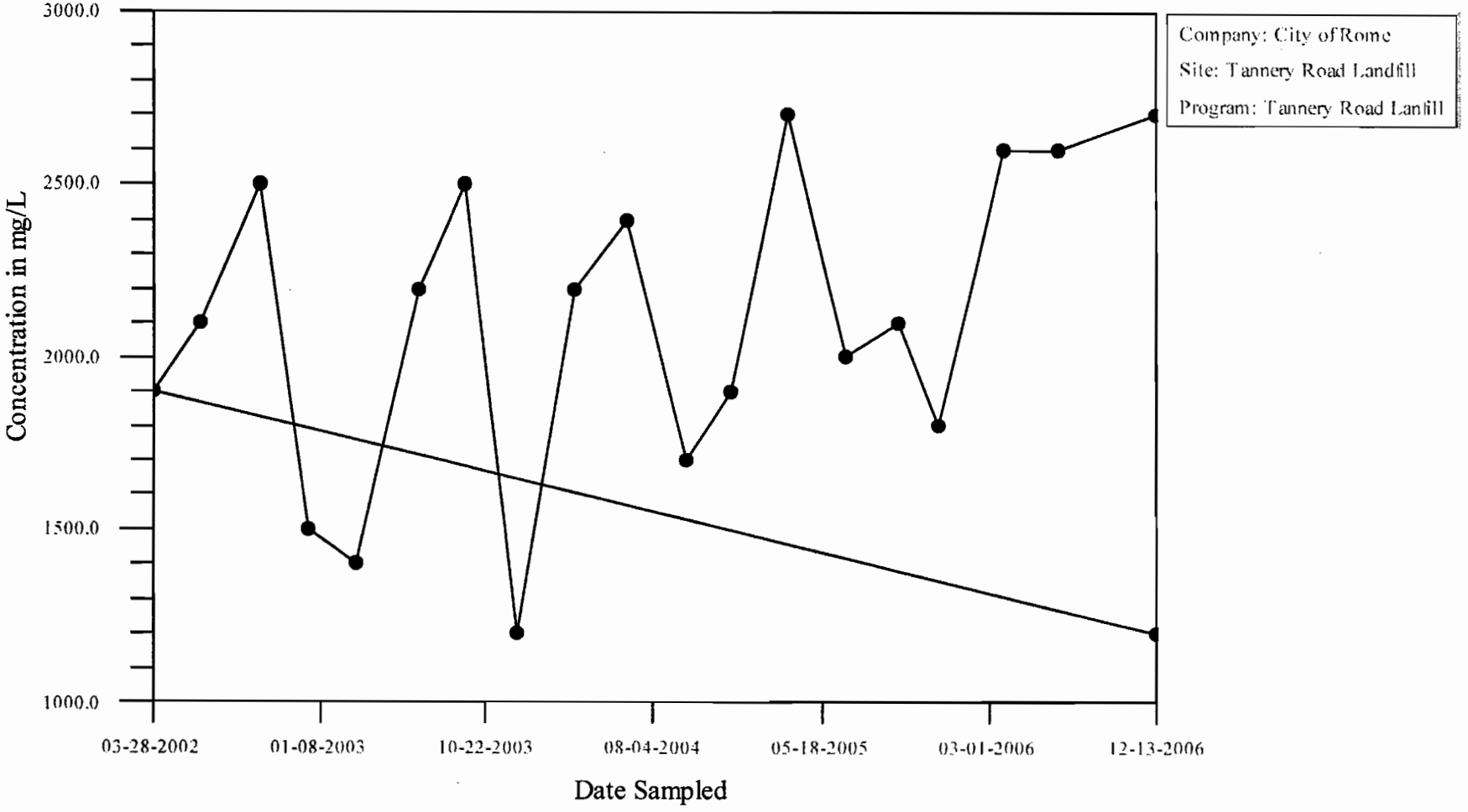
Time-Series Plot

Total Alkalinity, LMW-10



Time-Series Plot

Total Dissolved Solids, LMW-10

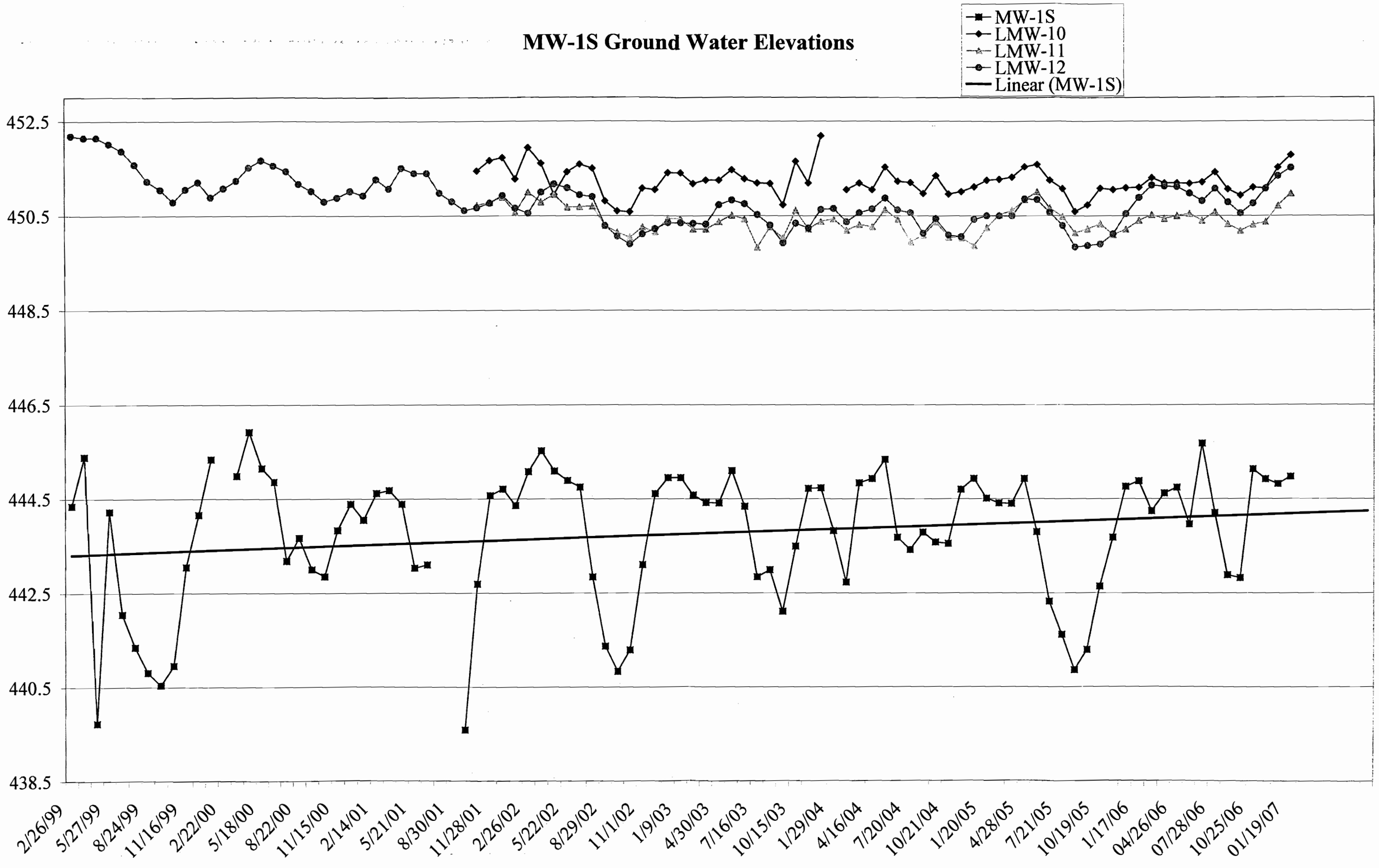


APPENDIX C

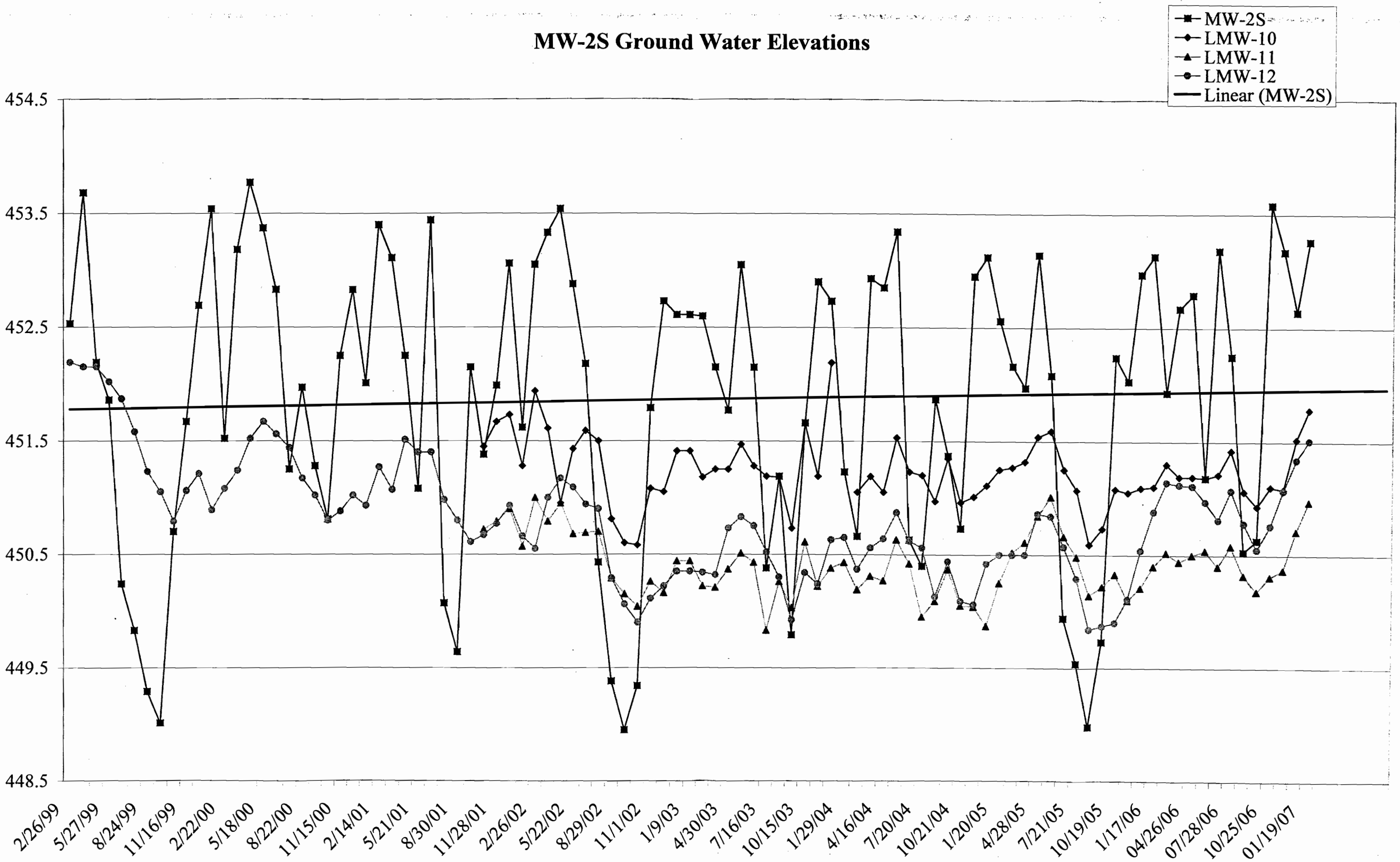
MONITORING WELL AND LEACHATE WELL

GROUND WATER ELEVATION DATA

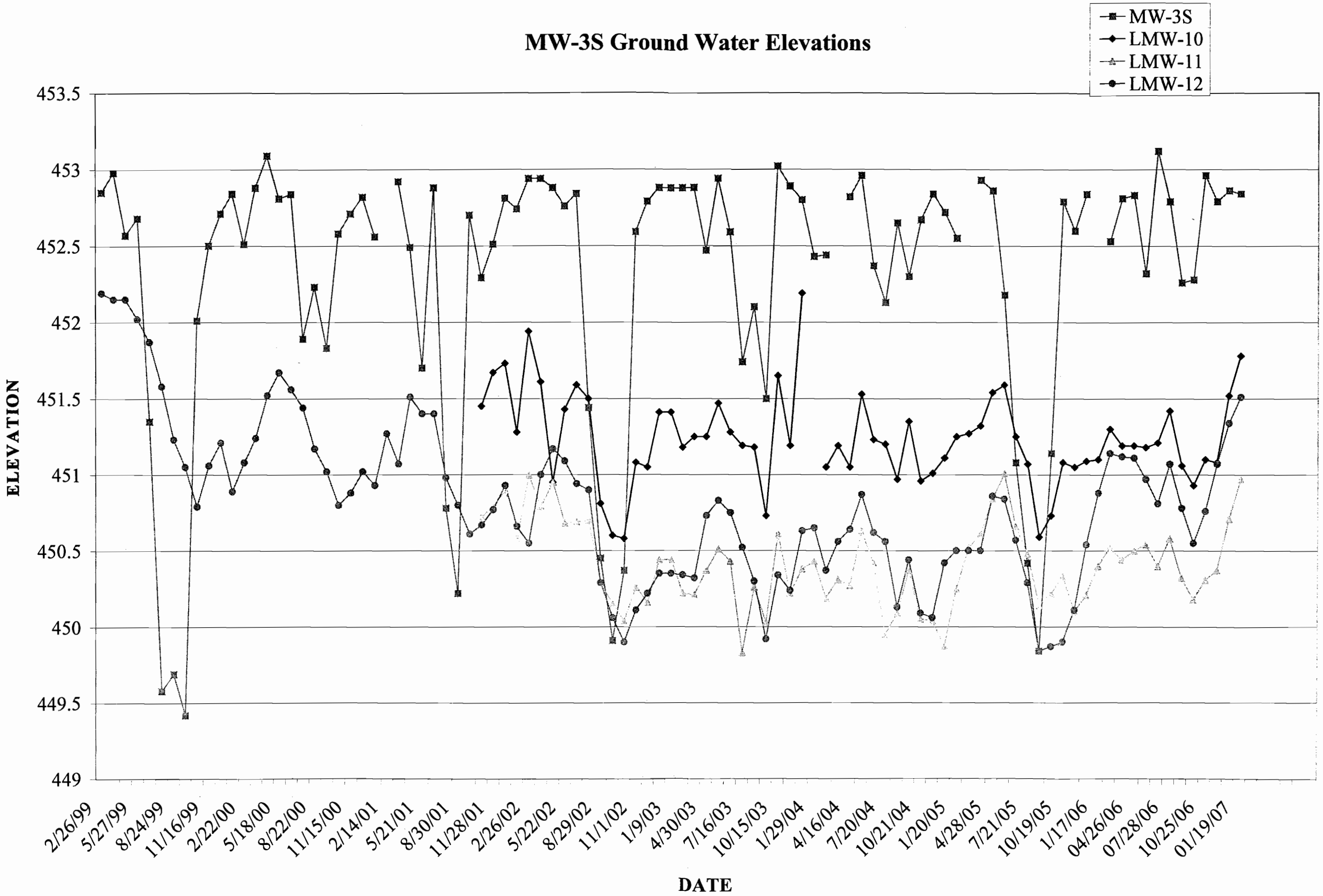
MW-1S Ground Water Elevations



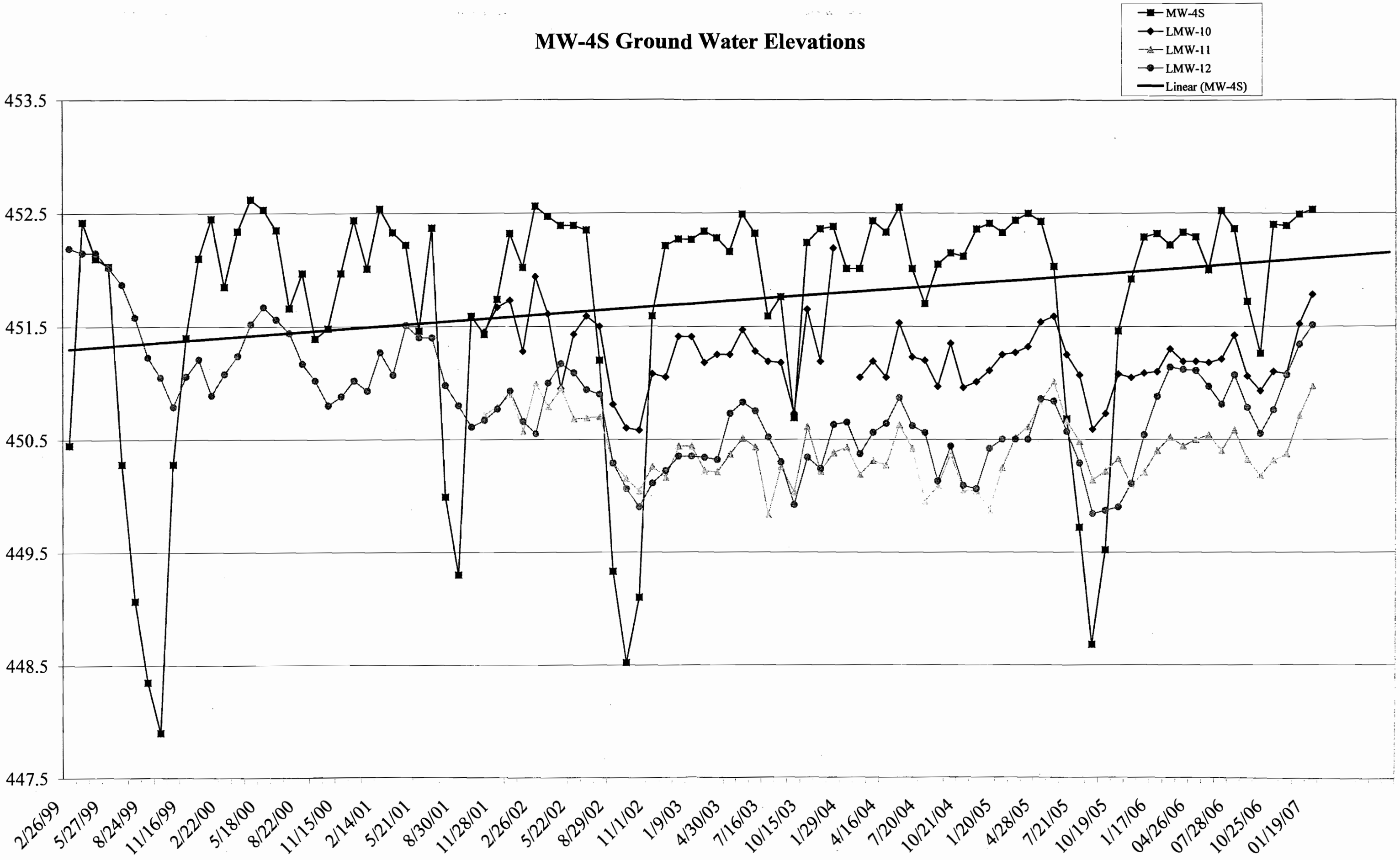
MW-2S Ground Water Elevations



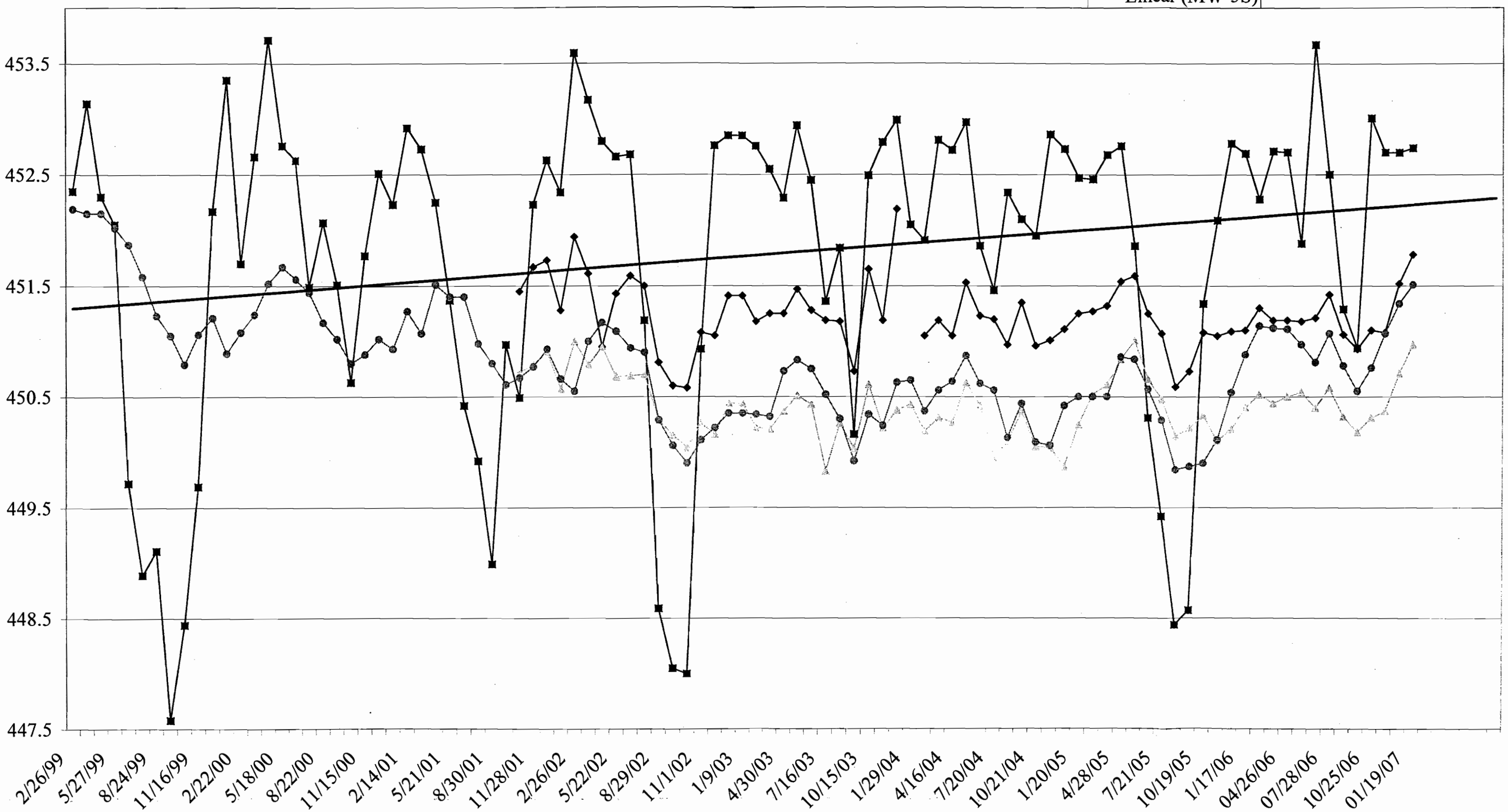
MW-3S Ground Water Elevations



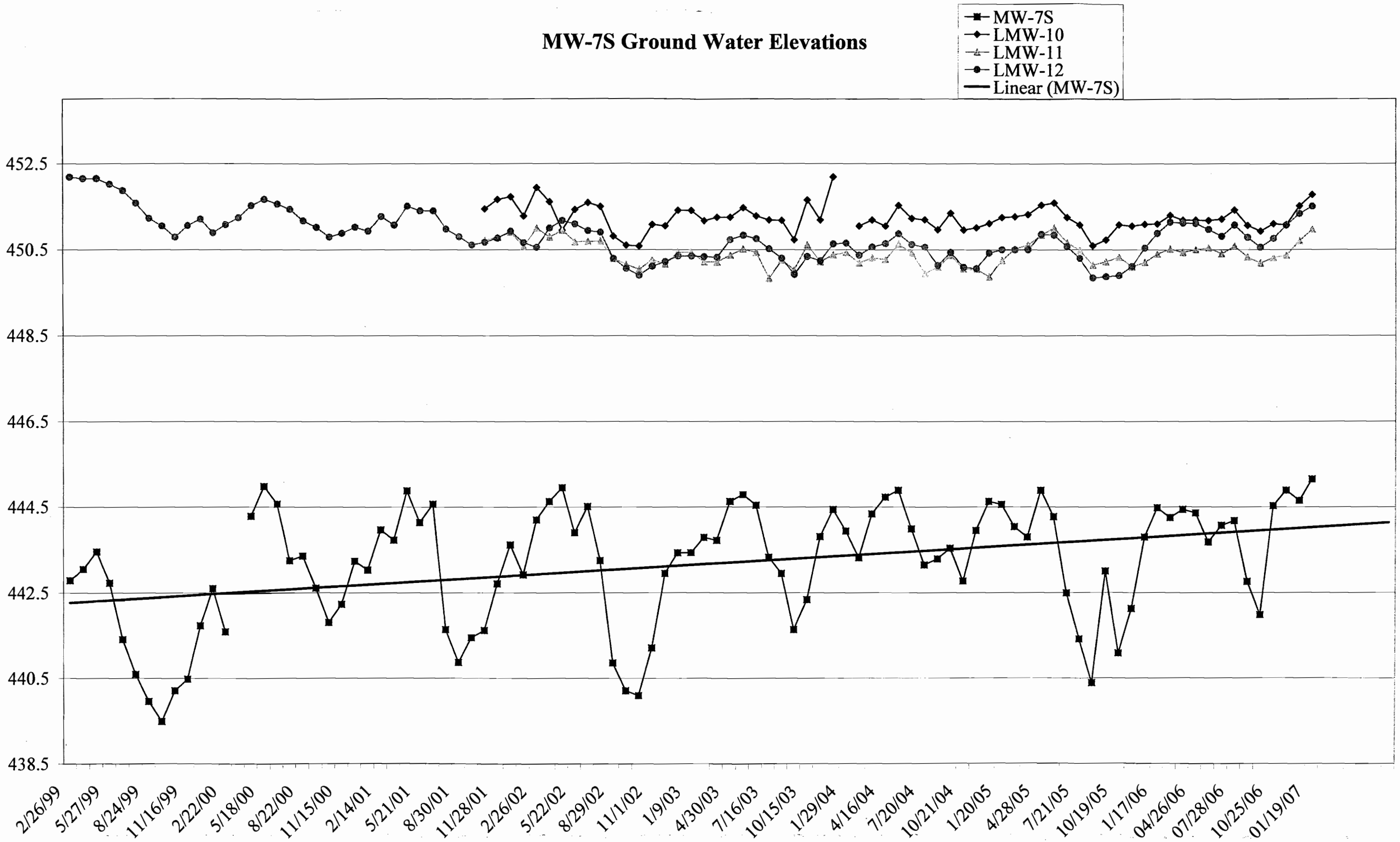
MW-4S Ground Water Elevations



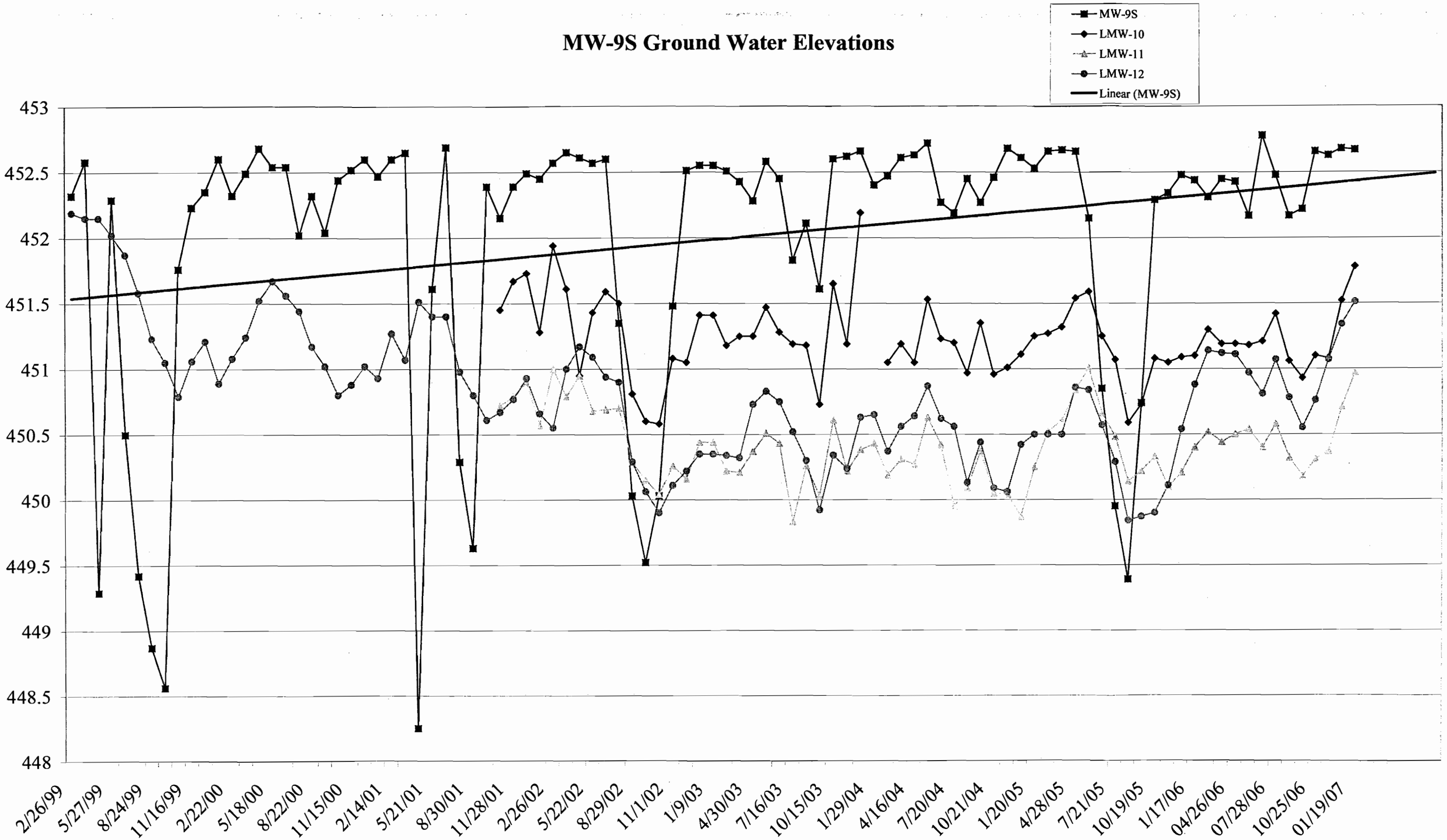
MW-5S Ground Water Elevations



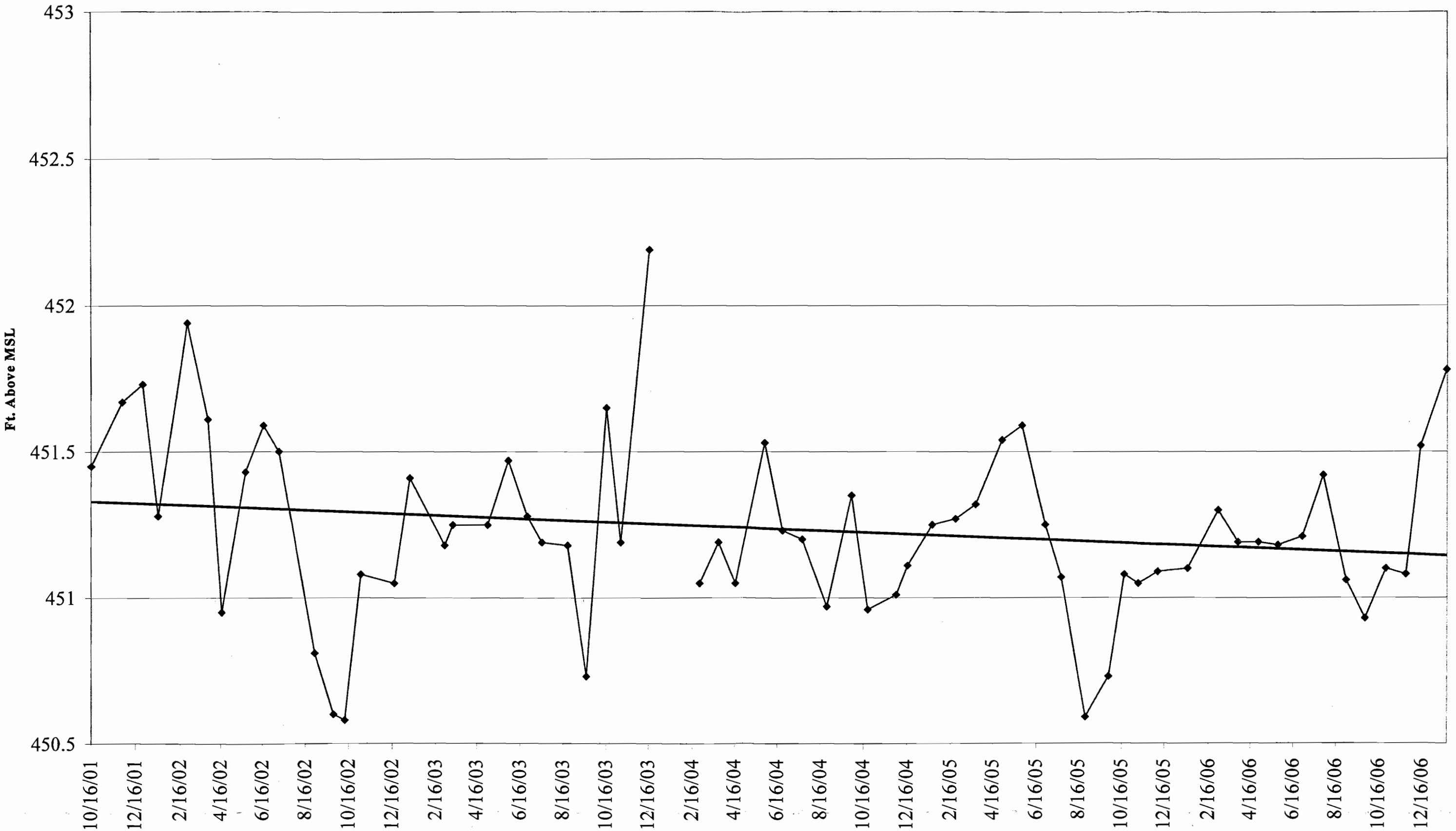
MW-7S Ground Water Elevations



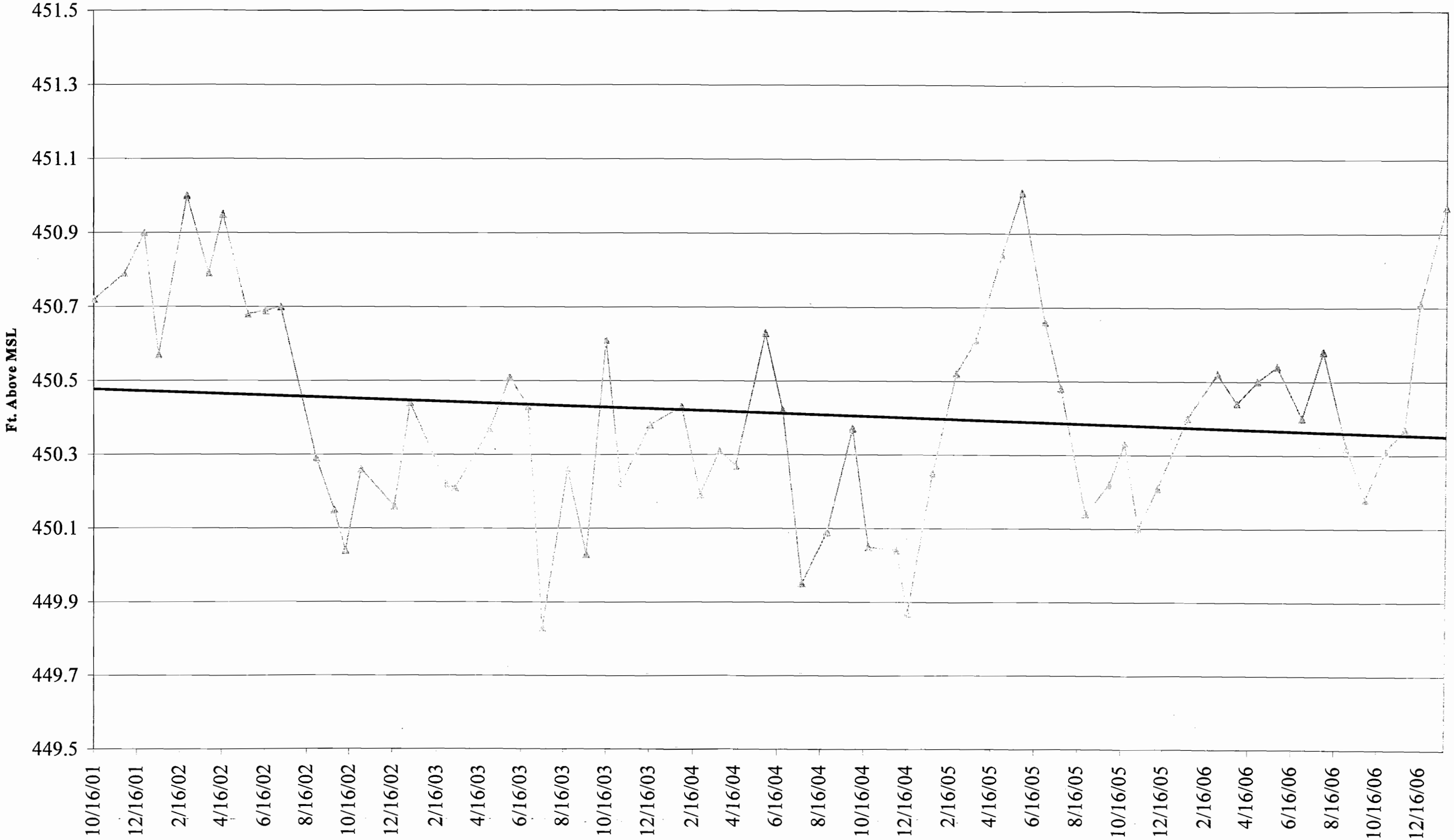
MW-9S Ground Water Elevations



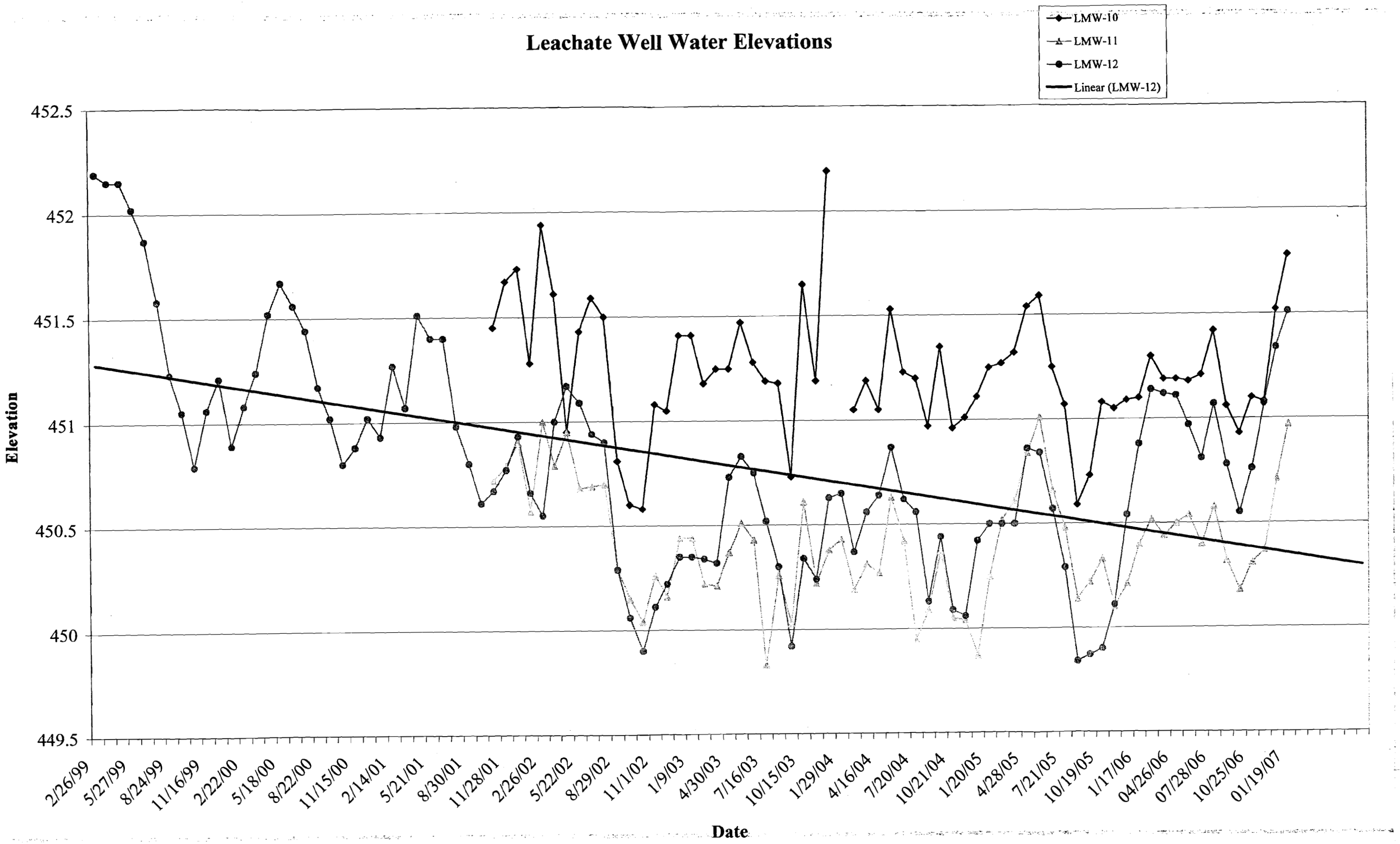
Leachate Well LMW-10 Water Elevations



Leachate Well LMW-11 Water Elevations



Leachate Well Water Elevations



APPENDIX D

MONTHLY INSPECTION FORMS

TANNERY ROAD LANDFILL, ROME, NY
INSPECTION CHECKLIST

Date & Time: 2/28/06 Inspector: Brent Zimmer
Weather: Snow, very windy

GENERAL INSPECTION - To Be Completed Monthly

		Notes Problems
General Site Condition:		
Gates - condition and locks for inner & outer gates:	(OK)	Good
Access Road - surface/paving/snow	(OK)	Snow covered
Overall appearance (trash/litter)	(OK)	Good
Pump Station at Tannery Road: Condition:	(OK)	Good

Pump #1 Hours: 5424.6 Pump #2 Hours: 4645.4

Panel/Wells on Landfill

Manholes along road - general condition, erosion, overflows	(OK)	Drifted in
Pump Well No's 1, 2, 3 & 4 - Well head condition/integrity	(OK)	
Meter Pit - open lid, check heater, leaks, etc.	(OK)	None
Panel note conditions and any alarms:	(OK)	None

Totallizers (in meter pit)

RW-1 45398 RW-3 30831
RW-2 91391 RW-4 38937

Hour Meters

RW-1 19686.5 RW-3 45847.3
RW-2 23181.5 RW-4 28401.5

Landfill Cover Inspection

Leachate seeps Any new seeps NO If YES, describe: Drifted in
Western seep condition: " "
North seep condition: " "
Gas vents - general condition (OK)
- Unusual odors, list vents/describe. None
Flares ignited OK Strong wind none ignited
Perimeter fence (OK)
Erosion/animal burrows NO If YES, describe: Snow covered

TANNERY ROAD LANDFILL, ROME, NY
INSPECTION CHECKLIST

Date & Time: 2/28/14 Inspector: Brent Zimmer

Monitoring Well Water Level Data

WELL No	Measure Pt Elev.	Depth to Water (ft)	Groundwater Elevation (ft)	Well Condition
MW - 1S	449.59	5.35	444.24	Good
MW - 2S	459.44	7.51	451.93	Good
MW - 3S	456.4	3.87	452.53	Good
MW - 4S	456.19	3.97	452.22	Good
MW - 5S	457.15	4.87	452.28	Good
MW - 7S	452.25	8.00	444.25	Good
MW - 9S	456.38	4.07	452.31	Good
MW - 10	486.3	35.00	451.30	Good
MW - 11	502.4	51.88	450.52	Good
MW - 12	483.11	31.97	451.14	Good
PZ - 1	454.37	6.61	447.76	Good
MW-7D		8.10		
MW-2D		7.53		

NOTES:

TANNERY ROAD LANDFILL, ROME, NY
INSPECTION CHECKLIST

Date & Time: 3/28/06 9AM Inspector: Brent Zimmer
Weather: Sunny 50°

GENERAL INSPECTION - To Be Completed Monthly

		Notes Problems
General Site Condition:		
Gates - condition and locks for inner & outer gates:	(OK)	
Access Road - surface/paving/snow	(OK)	
Overall appearance (trash/litter)	(OK)	
Pump Station at Tannery Road: Condition:	(OK)	
Pump #1 Hours: 54810 Pump #2 Hours: 46904		
Panel/Wells on Landfill		
Manholes along road - general condition, erosion, overflows	(OK)	
Pump Well No's 1, 2, 3 & 4 - Well head condition/integrity	(OK)	
Meter Pit - open lid, check heater, leaks, etc.	(OK)	
Panel note conditions and any alarms: (OK) None		

Totallizers (in meter pit)

RW-1 45398 RW-3 31273
RW-2 93023 RW-4 38937

Hour Meters

RW-1 196865 RW-3 465193
RW-2 238536 RW-4 284015

Landfill Cover Inspection

Leachate seeps Any new seeps NO If YES, describe: See Below
Western seep condition: Some Erosion
North seep condition: Some Erosion
Gas vents - general condition (OK)
- Unusual odors, list vents/describe. None
Flares ignited OK One next to MW-2 Just North
Perimeter fence (OK)
Erosion/animal burrows NO If (YES), describe: Moles

Tack on Berm is washed out at the following Locations-

1) Next to the entrance gate just West - next to the fence is going to cause major erosion soon.
2) Above MW-5 Just North.
3) Just West of the North Seep the landfill settled 18" 50'x50' section.
4) Just East of the North Seep the Tack on Berm is starting to wash out.

TANNERY ROAD LANDFILL, ROME, NY
INSPECTION CHECKLIST

Date & Time: 3/28/06 9AM Inspector: Brent Zimmer

Monitoring Well Water Level Data

WELL No	Measure Pt Elev.	Depth to Water (ft)	Groundwater Elevation (ft)	Well Condition
MW - 1S	449.59	4.97	444.62	Good
MW - 2S	459.44	6.77	452.67	Good
MW - 3S	456.4	3.59	452.81	Good
MW - 4S	456.19	3.86	452.33	Good
MW - 5S	457.15	4.44	452.71	Good
MW - 7S	452.25	7.81	444.44	Good
MW - 9S	456.38	3.93	452.45	Good
MW - 10	486.3	35.11	451.19	Good
MW - 11	502.4	51.96	450.44	Good
MW - 12	483.11	31.99	451.12	Obstruction in the well
PZ - 1	454.37	5.83	448.54	Good

NOTES:

TANNERY ROAD LANDFILL, ROME, NY
INSPECTION CHECKLIST

Date & Time: 4/26/06 Inspector: EGF

Weather: Sunny 39°F

GENERAL INSPECTION - To Be Completed Monthly

		Notes Problems
General Site Condition:		
Gates - condition and locks for inner & outer gates:	OK	OK
Access Road - surface/paving/snow	OK	OK
Overall appearance (trash/litter)	OK	OK
Pump Station at Tannery Road:	Condition: OK	OK
Pump #1 Hours: 55321	Pump #2 Hours: 47306	
Panel/Wells on Landfill		
Manholes along road - general condition, erosion, overflows	OK	
Pump Well No's 1, 2, 3 & 4 - Well head condition/integrity	OK	
Meter Pit - open lid, check heater, leaks, etc.	OK	
Panel note conditions and any alarms:	OK	

Totallizers (in meter pit)

RW-1	4539800	RW-3	3175800
RW-2	9423500	RW-4	3893900

Hour Meters

RW-1	196865	RW-3	472137
RW-2	245480	RW-4	284015

Landfill Cover Inspection

Leachate seeps	Any new seeps NO	If YES, describe:	NO
	Western seep condition:		
	North seep condition:		flow observed
Gas vents - general condition		OK	OK
	- Unusual odors, list vents/describe.		NONE
Flares ignited	NO - none is noted	OK	only one operational
Perimeter fence		OK	OK
Erosion/animal burrows	NO	If YES, describe:	

1. Woodchuck burrows backend Landfill shed
2. Increased erosion through diversion berm ≈ 270' west of north downshute
3. Erosion ≈ 120' west of north downshute, erosion along slope above diversion berm

→

TANNERY ROAD LANDFILL, ROME, NY
INSPECTION CHECKLIST

Date & Time: 4/26/06 Inspector: GGF

Monitoring Well Water Level Data

WELL No	Measure Pt Elev.	Depth to Water (ft)	Groundwater Elevation (ft)	Well Condition
MW - 1S	449.59	4.85	444.74	
MW - 2S	459.44	6.65	452.79	
MW - 3S	456.4	3.57	452.83	
MW - 4S	456.19	3.90	452.29	
MW - 5S	457.15	4.45	452.7	
MW - 7S	452.25	7.89	444.36	
MW - 9S	456.38	3.95	452.43	
MW - 10	486.3	35.11	451.19	
MW - 11	502.4	51.90	450.5	
MW - 12	483.11	32.0	451.11	
PZ - 1	454.37	5.95	448.42	

NOTES:

7D 8.08 = 443.71
1D 5.40
2D 6.80
4D 4.60
5D 4.52

TANNERY ROAD LANDFILL, ROME, NY
INSPECTION CHECKLIST

Date & Time: 5/24/06 9AM Inspector: Brent Zimmer
Weather: Sunny Breeze

GENERAL INSPECTION - To Be Completed Monthly

		Notes Problems
General Site Condition:		
Gates - condition and locks for inner & outer gates:	(OK)	Good
Access Road - surface/paving/snow	(OK)	Good
Overall appearance (trash/litter)	(OK)	None
Pump Station at Tannery Road: Condition:	(OK)	
Pump #1 Hours: 55604 Pump #2 Hours: 47536		
Panel/Wells on Landfill		
Manholes along road - general condition, erosion, overflows	(OK)	
Pump Well No's 1, 2, 3 & 4 - Well head condition/integrity	(OK)	
Meter Pit - open lid, check heater, leaks, etc.	(OK)	Good
Panel note conditions and any alarms:	(OK)	None

Totallizers (in meter pit)

RW-1 45398 RW-3 32087
RW-2 94515 RW-4 38937

Hour Meters

RW-1 196865 RW-3 478856
RW-2 249103 RW-4 284015

Landfill Cover Inspection		
Leachate seeps Any new seeps	(NO)	If YES, describe: Erosion of Tack on Berm still has not been addressed.
Western seep condition:		
North seep condition:		
Gas vents - general condition	(OK)	None
- Unusual odors, list vents/describe.		None
Flares ignited	OK	No flares ignited
Perimeter fence	(OK)	
Erosion/animal burrows	(NO)	If YES, describe:

TANNERY ROAD LANDFILL, ROME, NY
INSPECTION CHECKLIST

Date & Time: 5/24/06 9AM Inspector: Brent Zimmer

Monitoring Well Water Level Data

WELL No	Measure Pt Elev.	Depth to Water (ft)	Groundwater Elevation (ft)	Well Condition
MW - 1S	449.59	5.63	443.96	Good
MW - 2S	459.44	8.26	451.18	Good
MW - 3S	456.4	4.08	452.32	Good
MW - 4S	456.19	4.19	452	Good
MW - 5S	457.15	5.27	451.88	Good
MW - 7S	452.25	8.57	443.68	Good
MW - 9S	456.38	4.21	452.17	Good
MW - 10	486.3	35.12	451.18	Good
MW - 11	502.4	51.86	450.54	Good
MW - 12	483.11	32.14	450.97	Damage to the well seems to be getting worse
PZ - 1	454.37	7.23	447.14	Good
MW-7D		8.85		
MW-9D		8.14		

NOTES:

TANNERY ROAD LANDFILL, ROME, NY
INSPECTION CHECKLIST

Date & Time: 6/28/06 Inspector: Brent Zimmer

Weather: Rain

GENERAL INSPECTION - To Be Completed Monthly

		Notes Problems
General Site Condition:		
Gates - condition and locks for inner & outer gates:	OK	
Access Road - surface/paving/snow	OK	
Overall appearance (trash/litter)	OK	
Pump Station at Tannery Road: Condition:	OK	
Pump #1 Hours: 56094 Pump #2 Hours: 47937		
Panel/Wells on Landfill		
Manholes along road - general condition, erosion, overflows	OK	
Pump Well No's 1, 2, 3 & 4 - Well head condition/integrity	OK	
Meter Pit - open lid, check heater, leaks, etc.	OK	DPW onsite pumping meter pit
Panel note conditions and any alarms:	OK	

Totallizers (in meter pit)

RW-1 46398 RW-3 32134

RW-2 95758 RW-4 38937

Hour Meters

RW-1 196866 RW-3 481976

RW-2 257506 RW-4 284615

Landfill Cover Inspection		
Leachate seeps Any new seeps	NO	If YES, describe:
Western seep condition:		SW corner exhibits some runoff erosion, NO apparent leachate
North seep condition:		Channel is eroding, no apparent leachate "
Gas vents - general condition	OK	"
- Unusual odors, list vents/describe.		None
Flares ignited One ignited	OK	Only one next to MW-42
Perimeter fence	OK	
Erosion/animal burrows NO		If YES, describe:

1. Erosion through Diversion berm ≅ 270' west of North down chute
2. Erosion ≅ 120' west of North downchute, clay slope above diversion berm
3. Erosion beginning in diversion berm just east of North downchute
4. Erosion channels southeast end of landfill have stabilized, but remain a potential concern.

TANNERY ROAD LANDFILL, ROME, NY
INSPECTION CHECKLIST

Date & Time: 6/28/06 Inspector: Brent Zimmer

Monitoring Well Water Level Data

WELL No	Measure Pt Elev.	Depth to Water (ft)	Groundwater Elevation (ft)	Well Condition
MW - 1S	449.59	3.91	445.68	Good
MW - 2S	459.44	6.26	453.18	Good
MW - 3S	456.4	3.28	453.12	Good
MW - 4S	456.19	3.67	452.52	Good
MW - 5S	457.15	3.48	453.67	Good
MW - 7S	452.25	8.18	444.07	Good
MW - 9S	456.38	3.60	452.78	Good
MW - 10	486.3	35.09	451.21	Good
MW - 11	502.4	52.00	450.4	Good
MW - 12	483.11	32.30	450.81	Well obstructed
PZ - 1	454.37	5.01	449.36	Good
MW - 7D		8.70		
MW - 20		6.20		

NOTES:

TANNERY ROAD LANDFILL, ROME, NY
INSPECTION CHECKLIST

Date & Time: 7/28/06 Inspector: GLF

Weather: light Rain

GENERAL INSPECTION - To Be Completed Monthly

		Notes Problems
General Site Condition:		
Gates - condition and locks for inner & outer gates:	OK	ok
Access Road - surface/paving/snow	OK	ok
Overall appearance (trash/litter)	OK	ok
Pump Station at Tannery Road: Condition:	OK	
Pump #1 Hours: 56683 Pump #2 Hours:		48413
Panel/Wells on Landfill		
Manholes along road - general condition, erosion, overflows	OK	ok
Pump Well No's 1, 2, 3 & 4 - Well head condition/integrity	OK	ok
Meter Pit - open lid, check heater, leaks, etc.	OK	ok
Panel note conditions and any alarms:	OK	none

Totallizers (in meter pit)

RW-1	4539800	RW-3	2213400
RW-2	9748700	RW-4	3893700

Hour Meters

RW-1	196865	RW-3	481976
RW-2	264699	RW-4	284065

Landfill Cover Inspection

Leachate seeps Any new seeps (NO) If YES, describe:

Western seep condition: SW Corner exhibits some erosion no apparent leachate

North seep condition: channel exhibits erosion no apparent leachate "

Gas vents - general condition (OK)

- Unusual odors, list vents/describe.

Flares ignited none ignited OK

Perimeter fence (OK)

Erosion/animal burrows NO If YES describe:

Consistent with June 2006 observations

1. Erosion through diversion berm ≅ 270' west of north downchute
2. Erosion on slope above diversion berm ≅ 120' west north downchute
3. Erosion beginning in diversion berm just east of north downchute
4. Erosion channels along southeast end of landfill have stabilized but remain a concern

TANNERY ROAD LANDFILL, ROME, NY
INSPECTION CHECKLIST

Date & Time: 7/28/06 Inspector: EGF

Monitoring Well Water Level Data

WELL No	Measure Pt Elev.	Depth to Water (ft)	Groundwater Elevation (ft)	Well Condition
MW - 1S	449.59	5.39		ok
MW - 2S	459.44	7.19		ok
MW - 3S	456.4	3.61		ok
MW - 4S	456.19	3.83		ok
MW - 5S	457.15	4.65		ok
MW - 7S	452.25	8.07		ok
MW - 9S	456.38	3.90		ok
MW - 10	486.3	34.88		ok
MW - 11	502.4	51.82		ok
MW - 12	483.11	22.04		crimped casing
PZ - 1	454.37	6.39		ok

NOTES:

MW-7D 8.42
MW-1D 5.94
MW-2D 7.22
MW-5D 4.75

TANNERY ROAD LANDFILL, ROME, NY
INSPECTION CHECKLIST

Date & Time: 8/30/06 Inspector: Brent Zimmer

Weather: Overcast

GENERAL INSPECTION - To Be Completed Monthly

		Notes Problems
General Site Condition:		
Gates - condition and locks for inner & outer gates:	(OK)	
Access Road - surface/paving/snow	(OK)	
Overall appearance (trash/litter)	(OK)	
Pump Station at Tannery Road:	Condition: (OK)	
Pump #1 Hours: 57321	Pump #2 Hours: 48929	
Panel/Wells on Landfill		
Manholes along road - general condition, erosion, overflows	(OK)	
Pump Well No's 1, 2, 3 & 4 - Well head condition/integrity	OK	Being Worked On
Meter Pit - open lid, check heater, leaks, etc.	(OK)	
Panel note conditions and any alarms: (OK)		

Totallizers (in meter pit)

RW-1 45398 RW-3 32617

RW-2 99168 RW-4 38936

Hour Meters

RW-1 196865 RW-3 487174

RW-2 272583 RW-4 284015

Landfill Cover Inspection

Leachate seeps Any new seeps (NO) If YES, describe: Just the existing

Western seep condition: Ok SW has erosion

North seep condition: Still erosion

Gas vents - general condition (OK)

- Unusual odors, list vents/describe. No

Flares ignited OK None

Perimeter fence (OK)

Erosion/animal burrows NO If (YES), describe: Wood Chuck holes, saw at least 3 mounds

TANNERY ROAD LANDFILL, ROME, NY
INSPECTION CHECKLIST

Date & Time: 8/30/06 Inspector: Brent Zimmer

Monitoring Well Water Level Data

WELL No	Measure Pt Elev.	Depth to Water (ft)	Groundwater Elevation (ft)	Well Condition
MW - 1S	449.59	6.71	442.88	Good
MW - 2S	459.44	8.91	450.53	Good
MW - 3S	456.4	4.14	452.26	Good
MW - 4S	456.19	4.47	451.72	Good
MW - 5S	457.15	5.86	451.29	Good
MW - 7S	452.25	9.49	442.76	Good
MW - 9S	456.38	4.21	452.17	Good
MW - 10	486.3	35.24	451.06	Good
MW - 11	502.4	52.08	450.32	Good
MW - 12	483.11	32.33	450.78	?
PZ - 1	454.37	7.91	446.46	Good
MW-7D		9.65		
MW-20		8.65		

NOTES:

MW-12 - had trouble getting water level meter back up, caught on something

TANNERY ROAD LANDFILL, ROME, NY
INSPECTION CHECKLIST

Date: 8/30/06 Inspector: Brent Zimmer
Weather: Overcast Breeze

ANNUAL GAS VENT INSPECTION (To be completed each Fall)

Gas Vent Number	H_2S (ppm)	Detectable Odors Yes	Detectable Odors No	General Vent Condition Notes/Comments
1	0		√	Good
2	0		√	Good
3	0		√	Good
4	0		√	Good
5	0		√	Good
6	0		√	Good
7	0		√	Flare Not Lit - LEL 7
8	0		√	Flare Not Lit - LEL 4
9	0		√	Good LEL 7
10	0		√	Flare Not Lit High LEL
11	0		√	Flare Not Lit LEL 76
12	0		√	Flare Not Lit - LEL 84
13	0		√	Flare Not Lit High LEL
14	0		√	Good LEL 93
15	0		√	Flare LEL 49 Not Lit
16	0		√	Good LEL 20
17	0		√	Good
18	0		√	Good Screen broke
19	0		√	Good
20	0		√	Good LEL 23 Some broken plastic in Elbow
21	0		√	Good LEL 10
22	0		√	Good
23	0		√	Good
24	0		√	Good
25	0		√	Good

TANNERY ROAD LANDFILL, ROME, NY
INSPECTION CHECKLIST

Date: 8/30/06 Inspector: Brent Zimmer
Weather: Overcast Breeze

ANNUAL GAS VENT INSPECTION (To be completed each Fall)

Gas Vent Number	H_2S (ppm)	Detectable Odors Yes	Detectable Odors No	General Vent Condition Notes/Comments
26				Does not Exist
27	0		√	Good LEL 19
28	0		X	God High LEL
29	0		X	Good
30	0		X	Good
31	0		X	Good
32	0	X		Slight odor LEL 50 Good Condition
33	0		X	Good High LEL
34	0		X	Good High LEL
35	0	X		Good Slight odor LEL 80
36	0		X	Good LEL 2
37	0		X	Good
38	0	X		High Odor High LEL Good Condition
39	0	X		High Odor Good Condition
40	0	X		Slight Odor Good Condition LEL 57
41	0	X		Slight Odor Good Condition High LEL
42	0		X	Good
43	0		X	Good LEL High
44	0		X	Good LEL 10
45	0	X		Good Slight Odor LEL 15
46	0		X	Good LEL 27

TANNERY ROAD LANDFILL, ROME, NY
INSPECTION CHECKLIST

Date & Time: 9/26/06 Inspector: Brent Zimmer
Weather: Sunny Windy

GENERAL INSPECTION - To Be Completed Monthly

		Notes Problems
General Site Condition:		
Gates - condition and locks for inner & outer gates:	(OK)	
Access Road - surface/paving/snow	(OK)	
Overall appearance (trash/litter)	(OK)	
Pump Station at Tannery Road: Condition:	(OK)	
Pump #1 Hours: 57814 Pump #2 Hours: 49292		
Panel/Wells on Landfill		
Manholes along road - general condition, erosion, overflows	(OK)	
Pump Well No's 1, 2, 3 & 4 - Well head condition/integrity	(OK)	Repairs
Meter Pit - open lid, check heater, leaks, etc.	(OK)	
Panel note conditions and any alarms: OK		

Totallizers (in meter pit)

RW-1 45398 RW-3 33122
RW-2 453 RW-4 38930

Hour Meters

RW-1 196865 RW-3 493657
RW-2 279062 RW-4 284015

Landfill Cover Inspection

Leachate seeds Any new seeps (NO) If YES, describe:
Western seep condition: OK
North seep condition: OK
Gas vents - general condition (OK)
- Unusual odors, list vents/describe.
Flares ignited OK None
Perimeter fence (OK)
Erosion/animal burrows NO If YES, describe: Some wood chuck holes

Marked out locations with stakes/Ribbon of Repairs to be done to tack on berm.

TANNERY ROAD LANDFILL, ROME, NY
INSPECTION CHECKLIST

Date & Time: 9/26/06 Inspector: Brent Zimmer

Monitoring Well Water Level Data

WELL No	Measure Pt Elev.	Depth to Water (ft)	Groundwater Elevation (ft)	Well Condition
MW - 1S	449.59	6.77	442.82	Good
MW - 2S	459.44	8.81	450.63	Good
MW - 3S	456.4	4.12	452.28	Good
MW - 4S	456.19	4.93	451.26	Good
MW - 5S	457.15	6.21	450.94	Good
MW - 7S	452.25	10.27	441.98	Good
MW - 9S	456.38	4.16	452.22	Good
MW - 10	486.3	35.37	450.93	Good
MW - 11	502.4	52.22	450.18	Good
MW - 12	483.11	32.56	450.55	obstruction
PZ - 1	454.37	8.47	445.90	Good

NOTES:

TANNERY ROAD LANDFILL, ROME, NY
INSPECTION CHECKLIST

Date & Time: 10/25/06 Inspector: Brent Zimmer
Weather: Rain windy

GENERAL INSPECTION - To Be Completed Monthly

		Notes Problems
General Site Condition:		
Gates - condition and locks for inner & outer gates:	OK	
Access Road - surface/paving/snow	OK	
Overall appearance (trash/litter)	OK	
Pump Station at Tannery Road: Condition:	OK	
Pump #1 Hours: 58431 Pump #2 Hours: 49243		
Panel/Wells on Landfill		
Manholes along road - general condition, erosion, overflows	OK	
Pump Well No's 1, 2, 3 & 4 - Well head condition/integrity	OK	
Meter Pit - open lid, check heater, leaks, etc.	OK	Just pumped down
Panel note conditions and any alarms:	OK	

Totallizers (in meter pit)

RW-1 45398 RW-3 33661
RW-2 1891 RW-4 38930

Hour Meters

RW-1 196865 RW-3 500647
RW-2 286052 RW-4 284015

Landfill Cover Inspection		
Leachate seeps Any new seeps	NO	If YES, describe:
Western seep condition:	ok	
North seep condition:	ok	
Gas vents - general condition	OK	
- Unusual odors, list vents/describe.	None	
Flares ignited	OK	None
Perimeter fence	OK	
Erosion/animal burrows NO		If YES, describe: Wood chuck holes - no new

TANNERY ROAD LANDFILL, ROME, NY
INSPECTION CHECKLIST

Date & Time: 10/25/06 Inspector: Brent Zimmer

Monitoring Well Water Level Data

WELL No	Measure Pt Elev.	Depth to Water (ft)	Groundwater Elevation (ft)	Well Condition
MW - 1S	449.59	4.46	445.13	Good
MW - 2S	459.44	5.86	453.58	Good
MW - 3S	456.4	3.44	452.96	Good
MW - 4S	456.19	3.79	452.40	Good
MW - 5S	457.15	4.14	453.01	Good
MW - 7S	452.25	7.72	444.53	Good
MW - 9S	456.38	3.72	452.66	Good
MW - 10	486.3	35.20	451.10	Good
MW - 11	502.4	52.09	450.31	Good
MW - 12	483.11	32.35	450.76	Hit obstruction - vent pass
PZ - 1	454.37	5.41	448.96	Good

MW-7D 7.93
MW-8D 6.16

NOTES:

TANNERY ROAD LANDFILL, ROME, NY
INSPECTION CHECKLIST

Date & Time: 11/22/06 Inspector: Brent Zimmer

Weather: Sunny

GENERAL INSPECTION - To Be Completed Monthly

		Notes Problems
General Site Condition:		
Gates - condition and locks for inner & outer gates:	(OK)	
Access Road - surface/paving/snow	(OK)	
Overall appearance (trash/litter)	(OK)	
Pump Station at Tannery Road: Condition:	(OK)	
Pump #1 Hours: 5905 Pump #2 Hours: 5029		
Panel/Wells on Landfill		
Manholes along road - general condition, erosion, overflows	(OK)	
Pump Well No's 1, 2, 3 & 4 - Well head condition/integrity	OK	Under Repair
Meter Pit - open lid, check heater, leaks, etc.	(OK)	
Panel note conditions and any alarms: (OK)		

Totallizers (in meter pit)

RW-1 45398 RW-3 34182

RW-2 3289 RW-4 38930

Hour Meters

RW-1 196865 RW-3 507345

RW-2 292750 RW-4 284015

Landfill Cover Inspection		
Leachate seeps Any new seeps	(NO)	If YES, describe:
Western seep condition:		OK
North seep condition:		Has some erosion
Gas vents - general condition	(OK)	
- Unusual odors, list vents/describe.		None
Flares ignited	OK	None
Perimeter fence	(OK)	
Erosion/animal burrows NO		If (YES), describe: No new

TANNERY ROAD LANDFILL, ROME, NY
INSPECTION CHECKLIST

Date & Time: 11/22/06 Inspector: Brent Zimmer

Monitoring Well Water Level Data

WELL No	Measure Pt Elev.	Depth to Water (ft)	Groundwater Elevation (ft)	Well Condition
MW - 1S	449.59	4.67	444.92	Good
MW - 2S	459.44	6.27	453.17	MW-2D = 6.51 Good
MW - 3S	456.4	3.61	452.79	Good
MW - 4S	456.19	3.80	452.39	Good
MW - 5S	457.15	4.45	452.70	Good
MW - 7S	452.25	7.36	444.89	MW-7D = 7.23 Good
MW - 9S	456.38	3.75	452.63	Good
MW - 10	486.3	35.22	451.08	Good
MW - 11	502.4	52.03	450.37	Good
MW - 12	483.11	32.04	451.07	Good
PZ - 1	454.37	5.72	448.65	Good

NOTES:

TANNERY ROAD LANDFILL, ROME, NY
INSPECTION CHECKLIST

Date & Time: 12/13/06 Inspector: Brent Zimmer

Monitoring Well Water Level Data

WELL No	Measure Pt Elev.	Depth to Water (ft)	Groundwater Elevation (ft)	Well Condition
MW - 1S	449.59	4.77	44482	Good
MW - 2S	459.44	6.80	452.64	Good
MW - 3S	456.4	3.54	452.86	Good
MW - 4S	456.19	3.70	452.49	Good
MW - 5S	457.15	4.45	452.70	Good
MW - 7S	452.25	7.60	444.65	Good
MW - 9S	456.38	3.70	452.68	Good
MW - 10	486.3	34.78	451.52	Good
MW - 11	502.4	51.69	450.71	Good
MW - 12	483.11	31.77	451.34	Obstruction
PZ - 1	454.37	5.73	448.65	Good

NOTES:

TANNERY ROAD LANDFILL, ROME, NY
INSPECTION CHECKLIST

Date & Time: 12/13/06 Inspector: Brent Zimmer
Weather: Rain

GENERAL INSPECTION - To Be Completed Monthly

		Notes Problems
General Site Condition:		
Gates - condition and locks for inner & outer gates:	OK	
Access Road - surface/paving/snow	OK	
Overall appearance (trash/litter)	OK	
Pump Station at Tannery Road: Condition:	OK	

Pump #1 Hours: 59481 Pump #2 Hours: 50653

Panel/Wells on Landfill

Manholes along road - general condition, erosion, overflows	OK	
Pump Well No's 1, 2, 3 & 4 - Well head condition/integrity	OK	
Meter Pit - open lid, check heater, leaks, etc.	OK	
Panel note conditions and any alarms:	OK	

Totallizers (in meter pit)

RW-1 46398 RW-3 34524
RW-2 4304 RW-4 38930

Hour Meters

RW-1 196865 RW-3 512389
RW-2 297794 RW-4 284016

Landfill Cover Inspection

Leachate seeps Any new seeps NO If YES, describe:
Western seep condition: Some erosion
North seep condition: Some Erosion
Gas vents - general condition OK
- Unusual odors, list vents/describe. None
Flares ignited OK 2 not ignited
Perimeter fence OK
Erosion/animal burrows NO If YES, describe: No New

TANNERY ROAD LANDFILL, ROME, NY
INSPECTION CHECKLIST

Date & Time: 1/19/07 Inspector: Brent Zimmer
Weather: Snow Windy

GENERAL INSPECTION - To Be Completed Monthly

		Notes Problems
General Site Condition:		
Gates - condition and locks for inner & outer gates:	OK	Good
Access Road - surface/paving/snow	OK	Very little snow
Overall appearance (trash/litter)	OK	Good
Pump Station at Tannery Road: Condition:	OK	
Pump #1 Hours: 60232 Pump #2 Hours: 51286		
Panel/Wells on Landfill		
Manholes along road - general condition, erosion, overflows	OK	Good
Pump Well No's 1, 2, 3 & 4 - Well head condition/integrity	OK	1/4
Meter Pit - open lid, check heater, leaks, etc.	OK	
Panel note conditions and any alarms: OK		

Totallizers (in meter pit)

RW-1	45398	RW-3	34929
RW-2	05716	RW-4	38930

Hour Meters

RW-1	196865	RW-3	521264
RW-2	304174	RW-4	284015

Landfill Cover Inspection		
Leachate seeps Any new seeps	NO	If YES, describe:
Western seep condition:		OK Covered with snow
North seep condition:		OK Covered with Snow
Gas vents - general condition	OK	
- Unusual odors, list vents/describe.		None
Flares ignited	OK	None (very High winds)
Perimeter fence	OK	
Erosion/animal burrows NO		If YES, describe: None Covered in snow

TANNERY ROAD LANDFILL, ROME, NY
INSPECTION CHECKLIST

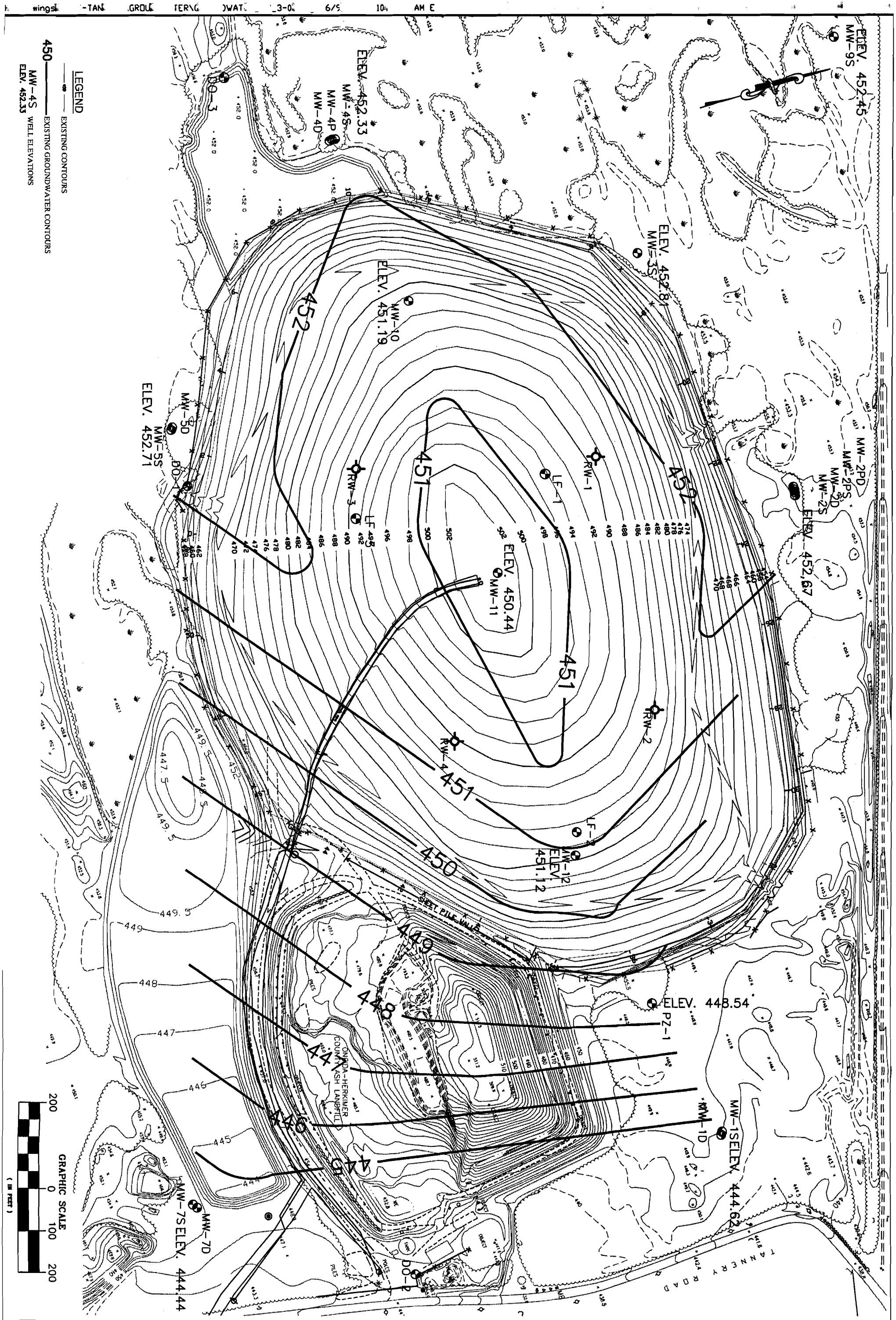
Date & Time: 1/19/07 Inspector: Brent Zimmer

Monitoring Well Water Level Data

WELL No	Measure Pt Elev.	Depth to Water (ft)	Groundwater Elevation (ft)	Well Condition
MW - 1S	449.59	4.62	444.97	Good
MW - 2S	459.44	6.18	453.26	Good
MW - 3S	456.4	3.56	452.84	Good
MW - 4S	456.19	3.66	452.53	Good
MW - 5S	457.15	4.41	452.74	Good
MW - 7S	452.25	7.10	445.15	MW-7D 6.89 Good
MW - 9S	456.38	3.71	452.67	Good
MW - 10	486.3	34.52	451.78	Good
MW - 11	502.4	51.43	450.97	Good
MW - 12	483.11	31.60	451.51	Good
PZ - 1	454.37	5.51	448.86	Good

NOTES:

FIGURES



LEGEND

—— EXISTING CONTOURS

450 —— EXISTING GROUNDWATER CONTOURS

MW-4S WELL ELEVATIONS
ELEV. 452.33

SHEET: 1

GROUNDWATER CONTOUR MAP SHALLOW OVERBURDEN DATED: MARCH 2006 GROUNDWATER TABLE

TANNERY ROAD LANDFILL
CITY OF ROME, NEW YORK

REVISIONS

NO.	DATE	DESCRIPTION

DELAWARE ENGINEERING, P.C.
CIVIL AND ENVIRONMENTAL ENGINEERING
8-12 DIETZ STREET, SUITE 303, ONEONTA, NY 13820 - 607.432.8073
28 MADISON AVENUE EXTENSION, ALBANY, NY 12203 - 518.452.1290
6 TOWNSEND STREET, WALTON, NY 13856 - 607.865.92354

DATE: JUNE 9, 2006
DRAWN BY: KJ
SCALE: AS SHOWN
REVIEWED BY: EF
PROJECT NO.:
FILE:

ELEV. 452.78
MW-9S

MW-2PD
MW-2PS
MW-2D
MW-2S
ELEV. 453.18

ELEV. 453.12
MW-3S

RW-2
RW-1
LF-2
MW-12
ELEV. 450.81
LF-1
ELEV. 450.40
MW-11
RW-4
MW-10
ELEV. 451.21
LF-3
RW-3

ELEV. 452.52
MW-4S
MW-4P
MW-4D

DO-3

MW-5D
DO-1
MW-5S
ELEV. 453.67

ELEV. 449.36
PZ-1

MW-1S ELEV. 445.68
MW-1D

TANNERY ROAD

SHEET PILE LINE

DO-2

ONEIDA-HERKIMER
COUNTY ASH LANDFILL

MW-7D
MW-7S ELEV. 444.07

LEGEND

EXISTING CONTOURS

450 EXISTING GROUNDWATER CONTOURS

MW-4S WELL ELEVATIONS
ELEV. 452.52

GRAPHIC SCALE
200 0 100 200
(IN FEET)

DATE: AUG. 18, 2006
DRAWN BY: KJ
SCALE: AS SHOWN
REVIEWED BY: EF
PROJECT NO.:
FILE:

DELAWARE ENGINEERING, P.C.
CIVIL AND ENVIRONMENTAL ENGINEERING
6-12 DIETZ STREET, SUITE 303, ONEONTA, NY 13820 - 607.432.8073
28 MADISON AVENUE EXTENSION, ALBANY, NY 12203 - 518.452.1200
8 TOWNSEND STREET, WALTON, NY 13856 - 607.865.8234

REVISIONS

NO.	DATE	DESCRIPTION

TANNERY ROAD LANDFILL
CITY OF ROME, NEW YORK

GROUNDWATER CONTOUR MAP
SHALLOW OVERBURDEN
DATED: JUNE 2006
GROUNDWATER TABLE

SHEET: 1

ELEV. 452.22
MW-9S

MW-2PD
MW-2PS
MW-2D
MW-2S
ELEV. 450.63

ELEV. 452.28
MW-3S

RW-1
LF-1
RW-2
LF-2
MW-12
ELEV. 450.55
ELEV. 445.90
PZ-1
MW-1S ELEV. 442.82
MW-1D

ELEV. 450.18
MW-11
RW-4

MW-10
ELEV. 450.93
LF-3
RW-3

ELEV. 451.26
MW-4S
MW-4P
MW-4D

DO-3
MW-5D
DO-1
MW-5S
ELEV. 450.94

DO-2
MW-7D
MW-7S ELEV. 441.98

TANNERY ROAD

ONEIDA-HERKIMER
COUNTY ASH LANDFILL

SHEET PILE WALL

LEGEND

EXISTING CONTOURS

450 EXISTING GROUNDWATER CONTOURS

MW-4S WELL ELEVATIONS
ELEV. 451.26

GRAPHIC SCALE
200 0 100 200
(IN FEET)

DATE: NOV. 27, 2006
DRAWN BY: KJ
SCALE: AS SHOWN
REVIEWED BY: EF
PROJECT NO.:
FILE:

DELAWARE ENGINEERING, P.C.
CIVIL AND ENVIRONMENTAL ENGINEERING
8-12 DIETZ STREET, SUITE 303, ONEONTA, NY 13820 - 607.432.8073
28 MADISON AVENUE EXTENSION, ALBANY, NY 12203 - 518.452.1290
6 TOWNSEND STREET, WALTON, NY 13856 - 607.865.622354

REVISIONS

NO.	DATE	DESCRIPTION

TANNERY ROAD LANDFILL
CITY OF ROME, NEW YORK

GROUNDWATER CONTOUR MAP
SHALLOW OVERBURDEN
DATED: SEPTEMBER 2006
GROUNDWATER TABLE

SHEET: 1

ELEV. 452.68
MW-9S

MW-2PD
MW-2PS
MW-2D
MW-2S
ELEV. 452.64

ELEV. 452.86
MW-3S

RW-2
RW-1
LF-1
LF-2
ELEV. MW-12
451.34

ELEV. 450.71
MW-11

RW-4

MW-10
ELEV. 451.52

LF-3
RW-3

ELEV. 452.49
MW-4S
MW-4P
MW-4D

DO-3

MW-5D
DO-1
MW-5S
ELEV. 452.70

ELEV. 448.65
PZ-1

MW-1SELEV. 444.82
MW-1D

TANNERY ROAD

SHEET PILE LINE

DO-2

ONEIDA-HERKIMER
COUNTY ASH LANDFILL

MW-7D
MW-7S ELEV. 444.65

452 451 450 449 448 447 446 445

LEGEND

450 EXISTING CONTOURS

450 EXISTING GROUNDWATER CONTOURS

MW-4S WELL ELEVATIONS
ELEV. 452.49

GRAPHIC SCALE
200 0 100 200
(IN FEET)

H:\Drawings\ROME-TANNERY\GROUNDWATER\GROUNDWATER_GW_12--06.dwg 1/24/2007 3:19:39 PM EST

DELAWARE ENGINEERING, P.C.
CIVIL AND ENVIRONMENTAL ENGINEERING
8-12 DIETZ STREET, SUITE 303, ONEONTA, NY 13820 - 607.432.8073
28 MADISON AVENUE EXTENSION, ALBANY, NY 12203 - 518.452.1200
6 TOWNSEND STREET, WALTON, NY 13856 - 607.865.9204

DATE: JAN. 24, 2007
DRAWN BY: KJ
SCALE: AS SHOWN
REVIEWED BY: EE
PROJECT NO.:
FILE:

REVISIONS
NO. DATE DESCRIPTION

TANNERY ROAD LANDFILL
CITY OF ROME, NEW YORK

GROUNDWATER CONTOUR MAP
SHALLOW OVERBURDEN
DATED: DECEMBER 2006
GROUNDWATER TABLE

SHEET: 1